公表文献調査報告書

イミダクロプリド

別添 4

海外評価引用文献

別添 4-1-1

海外評価引用文献：ヒトに対する毒性 (別添 4-2-1 を除く)

No.[a]	文献ファイル名	著者	出版年	論文表題	掲載誌名、号、ページ等	評価機関	評価書情報(発行年等)	備考
1	M-768994-01-1	El-Gendy, Kawther S.; Aly, Nagat M.; Mahmoud, Fatma H.; Kenawy, Anter; El-Sebae, Abdel Khalek H.	2010	The role of vitamin C as antioxidant in protection of oxidative stress induced by imidacloprid.	Food Chem. Toxicol., Volume 48, Issue 1, Page 215-221, Publication Year 2010	EPA NTP	#1; Appendix 2-3, p 36 #9	適合性あり (区分c) 非GLP/準拠したガイドライン記載なし 不純物の情報なし 投与容量の記載なし，試験液の調製時期の記載なし 動物；雄のみ，順化期間、供試時の週齢及び体重の情報，投与後一般症状等の記載なし イミダクロプリドの単独での投与は１用量のみ 陽性対照が設定されていない。背景データーも記載なし。
2D	M-644505-01-1	Freeborn, Danielle L.; Mcdaniel, Katherine L.; Moser, Virginia C.; Herr, David W.	2015	Use of electroencephalography (EEG) to assess CNS changes produced by pesticides with different modes of action: Effects of permethrin, deltamethrin, fipronil, imidacloprid , carbaryl, and triadimefon	Toxicology and Applied Pharmacology (2015), 282(2), 184-194	EPA NTP	#1 #9	非GLP/準拠したガイドラインの記載なし 片性のみの実施 用量段階；２用量群+対照群, 投与容量の記載なし 脳波での影響；作用機作の異なる農薬で異なる影響がみられているが、イミダクロプリドでは影響は見られなかった。 直腸温；100mg/kg体重で対照群に比べ低値を示しているが、その他の情報(例えば臨床所見など）が記載されておらず、この差の毒性学的重要性が不明
3D	M-766673-01-1	Lonare, Milindmitra; Kumar, Manoj; Raut, Sachin; Badgujar, Prarabdha; Doltade, Sagar; Telang, Avinash	2014	Evaluation of imidacloprid -induced neurotoxicity in male rats : A protective effect of curcumin	Neurochemistry International (2014) Ahead of Print	EPA NTP	#1 #9	非GLP/準拠した試験ガイドライン記載なし。 Curcuminのイミダクロプリドのラットに対する影響の軽減に主眼がおかれている。 被験物質の純度の記載なし。文献で用いられた用量が、安全性試験で用いられた最低用量より低くない。
4	M-513337-01-1	Bhardwaj, Shipra; Srivastava, M. K.; Kapoor, Upasana; Srivastava, L. P.	2010	A 90 days oral toxicity of imidacloprid in female rats: Morphological, biochemical and histopathological evaluations.	Food Chem. Toxicol., Volume 48, Issue 5, Page 1185-1190, Publication Year 2010	EPA NTP	#1; Chapter 2, p 2-33 (Figure 2-15) #9	適合性あり (区分b) 別添5参照

5D	M-768924-01-1	Khalil, Samah R.; Awad, Ashraf; Mohammed, Hesham H.; Nassan, Mohamed Abdo	2017	Imidacloprid insecticide exposure induces stress and disrupts glucose homeostasis in male rats	Environmental Toxicology and Pharmacology (2017), 55, 165-174	NTP	#9	別添5参照
6	M-603099-01-1	Kapoor, Upasana; Srivastava, Mithilesh Kumar; Bhardwaj, Shipra; Srivastava, Laxman Prasad.	2010	Effect of imidacloprid on antioxidant enzymes and lipid peroxidation in female rats to derive its No Observed Effect Level (NOEL).	J. Toxicol. Sci., Volume 35, Issue 4, Page 577-581, Publication Year 2010	EPA NTP	#1; Chapter 2, p 2-33 (Figure 2-15) #9	適合性あり (区分b) 非GLP/準拠したガイドライン記載なし 不純物の情報なし 片性のみ，投与容量の記載なし，調製時期の記載なし，陽性対照設定なし 動物数1群5匹,無作為化方法記載なし
7D	M-767291-01-1	Pandit, Arif Ahmad; Choudhary, Shanti; Ramneek; Singh, Baljit; Sethi, R. S.	2016	Imidacloprid induced histomorphological changes and expression of TLR-4 and TNF.alpha. in lung	Pesticide Biochemistry and Physiology (2016) Ahead of Print	NTP	#9	非GLP/準拠したガイドライン記載なし 本文献はイミダクロプリド単独(30日間反復強制経口投与)またはリポ多糖(鼻腔内投与)との組み合わせによる肺への影響を検索したもので研究の域を超えない報告と考える。 イミダクロプリド6.55mg/kg体重/日を雄マウスに30日間反復強制経口投与し、肺の損傷がみられたとあるが、リスク評価のために実施したGLP試験において、肺への影響は認められていない。1用量であることから、用量依存性についても確認ができない。
8D	M-767287-01-1	Duzguner, Vesile; Erdogan, Suat.	2012	Chronic exposure to imidacloprid induces inflammation and oxidative stress in the liver and central nervous system of rats.	Pestic. Biochem. Physiol., Volume 104, Issue 1, Page 58-64, Publication Year 2012	EPA NTP	#1 #9	非GLP/準拠した試験ガイドライン記載なし 設定用量は1用量のため、用量相関性の確認ができない。

9D	M-768186-01-1	Sun, Quancai; Xiao, Xiao; Kim, Yoo; Kim, Daeyoung; Yoon, Kyoon Sup; Clark, John M.; Park, Yeonhwa	2016	Imidacloprid Promotes High Fat Diet-Induced Adiposity and Insulin Resistance in Male C57BL/6J Mice	Journal of Agricultural and Food Chemistry (2016), 64(49), 9293-9306	NTP	#9	非GLP/準拠した試験ガイドライン記載なし マウス雄にイミダクロプリドを高脂肪飼料と低脂肪食飼料それぞれに添加し、12週間混餌投与 非GLP/準拠したガイドライン記載なし 不純物の情報なし 対照群についての情報なし。グループサイズ不明瞭，精巣上体の脂肪組織の病理組織学的所見が記載されているが、その頻度及びその他の臓器の組織の記載なし。動物の一般観察などの所見なし。 高脂肪飼料及び低脂肪飼料用いていることから、この試験のNOAEL/LOAELをリスク評価への利用は適していない。
10D	M-765854-01-1	Costa, C.; Silvari, V.; Melchini, A.; Catania, S.; Heffron, J. J.; Trovato, A.; De Pasquale, R.	2009	Genotoxicity of imidacloprid in relation to metabolic activation and composition of the commercial product.	Mutat. Res., Genet. Toxicol. Environ. Mutagen., Volume 672, Issue 1, Page 40-44, Publication Year 2009	NTP	#9	非GLP/準拠したガイドライン記載なし 陰性対照を設けているが、何を使ったかの記載がない。 血液ドナー（6名の末梢血を混合)の性別の記載なし。 陽性対照、陰性対照の背景データーが報告されていない。 GLP下でOECDに準拠して実施したin vitro, in vivo系遺伝毒性試験において、イミダクロプリドの遺伝毒性は否定されている。 本in vitro系試験成績から、NOAEL/LOAELを導くことは不適切である。
11D	M-768996-01-1	Stivaktakis, Polychronis; Vlastos, Dimitris; Giannakopoulos, Evangelos; Matthopoulos, Demetrios P.	2010	Differential micronuclei induction in human lymphocyte cultures by imidacloprid in the presence of potassium nitrate.	TheScientificWorld, Volume 10, Issue Jan., Page 80-89, Publication Year 2010	NTP	#9	非GLP/準拠したガイドライン記載なし 非代謝活性化条件のみ実施。 血液ドナーの性別の記載がない。 陽性対照及び陰性対照の背景データが示されていない。 硝酸カリウムとの混合のみ陽性

12D	M-621776-01-1	Al-Sarar Ali S; Abobakr Yasser; Bayoumi Alaa E; Hussein Hamdy I	2015	Cytotoxic and genotoxic effects of abamectin, chlorfenapyr, and imidacloprid on CHOK1 cells.	Environmental science and pollution research international, (2015 Jul 1) . Electronic Publication Date: 1 Jul 2015	NTP	#9	非GLP/準拠したガイドラインの記載なし 不純物の情報なし。 陰性対照名が明記されていない。 酸化的ストレス関連項目，in vitro 系染色体異常及び小核では 1 用量の結果のみが記載されているため、用量に関連した変化であるかどうかの確認ができない。また陽性対照、陰性対照は同時に実施されているが、背景データーが報告されていない。 GLP下でOECDに準拠して実施したin vitro, in vivo系遺伝毒性試験において、イミダクロプリドの遺伝毒性は否定されている。
13D	M-768173-01-1	Zeljezic, Davor; Mladinic, Marin; Zunec, Suzana; Lucic Vrdoljak, Ana; Kasuba, Vilena; Tariba, Blanka; Zivkovic, Tanja; Marjanovic, Ana Marija; Pavicic, Ivan; Milic, Mirta; Rozgaj, Ruzica; Kopjar, Nevenka	2016	Cytotoxic, genotoxic and biochemical markers of insecticide toxicity evaluated in human peripheral blood lymphocytes and an HepG2 cell line	Food and Chemical Toxicology (2016), 96, 90-106	NTP	#9	非GLP/準拠したガイドライン記載なし コメットアッセイ、小核については非代謝活性化条件下のみで実施、陽性対照及び陰性対照の背景データの情報なし 尚、イミダクロプリドはDNA損傷作用があると結論されているが、GLP下でOECD ガイドラインに準拠した変異原性試験において、遺伝毒性誘発性は否定されている。
14D	M-768176-01-1	Zeljezic, Davor; Benjamin Vinkovic; Marin Mladinic; Mirta Milic; Nevenka Kopjar; Vilena Kasuba	2017	The effect of insecticides chlorpyrifos, l -cypermethrin and imidacloprid on primary DNA damage, TP 53 and c-Myc structural integrity by comet-FISH assay	Chemosphere (2017), Volume 182, pp. 332-338 ISSN: 0045-6535 Published by: Elsevier Ltd Source Note: 2017 Sept., v. 182	NTP	#9	非GLP/準拠したガイドライン記載なし 不純物の情報なし ドナー末梢血;性別の情報なし，代謝活性化については考慮されていない。 陽性対照、陰性対照の背景データーが提示されていない。 結果；陰性

15D	M-765853-01-1	Demsia, Georgia; Vlastos, Dimitris; Goumenou, Marina; Matthopoulos, Demetrios P.	2007	Assessment of the genotoxicity of imidacloprid and metalaxyl in cultured human lymphocytes and rat bone-marrow.	Mutat. Res., Genet. Toxicol. Environ. Mutagen., Volume 634, Issue 1-2, Page 32-39, Publication Year 2007	NTP	#9	非GLP/準拠したガイドライン記載なし In vitro試験；非代謝活性化条件のみ実施でいずれの陰性 血液ドナーの性別の記載がない。 試験液の調製時期の記載なし In vivo小核試験；飼育環境条件が不明瞭，馴化期間の情報がないため、供試時の週齢及び体重が不明，多染性赤血球の計測数が少ない，小核を有する幼若赤血球の出現率を算出するには、各個体につき4000個以上の幼若赤血球を計測する必要があるが、2000個しか計測していない，陽性対照及び陰性対照の背景データが示されていない。
16D	M-765519-01-1	Bagri Preeti; Kumar Vinod; Sikka Anil Kumar	2014	An in vivo assay of the mutagenic potential of imidacloprid using sperm head abnormality test and dominant lethal test.	Drug and chemical toxicology, (2014 Oct 15) pp. 1-7. Electronic Publication Date: 15 Oct 2014	NTP	#9	非GLP/準拠したガイドライン記載なし 方法、結果の不備がある： 被験物質の不純物の情報が不明，統計学亭手法；Abstractのみに記載 精子頭部異常試験(SHA)；テストガイドラインに収載されておらず、検証もされていない。陽性対照群なし。陰性/陽性対照の背景データなし。有害とみなす精子の形態変化の程度について、一般的に合意された基準はない。したがって本試験の結果の解釈、妥当性が不明。 優勢致死試験(DLT)；同時陽性対照が設定されておらず、陰性/陽性対照の背景データが示されていない。二匹の雌と交配され、交配した雄数、妊娠雌数、非妊雌数が記載されていない。また雌１匹当りの生存着床数、死亡着床数が計測されていない。

17D	M-765522-01-1	Bagri Preeti; Kumar Vinod; Sikka Anil K	2016	Assessment of imidacloprid -induced mutagenic effects in somatic cells of Swiss albino male mice .	Drug and chemical toxicology, (2016 Jan 28) pp. 1-6. Electronic Publication Date: 28 Jan 2016	NTP	#9	非GLP/準拠したガイドライン記載なし in vivo 染色体異常試験, in vivo 小核試験(7, 14, 28日反復強制経口投与) 方法、結果の不備がある； 被験物質の不純物の情報が不明, 試験液の調製時期記載なし 同時陽性対照の設定なし 陰性対照及び陽性対照の背景データー情報なし。 分裂中期像数の分析した数、計測した幼若赤血球数が少ない。
18D	M-621002-01-1	Senyildiz Mine; Kilinc Adem; Ozden Sibel	2018	Investigation of the genotoxic and cytotoxic effects of widely used neonicotinoid insecticides in HepG2 and SH-SY5Y cells.	Toxicology and industrial health, (2018 Jan 01) pp. 748233718762609. Electronic Publication Date: 1 Jan 2018	NTP	#9	非GLP/準拠した試験ガイドライン記載なし 結果が適切に記載されていない例;用量関連性がないことについて言及されていない。2つの細胞型における一貫性の欠如など、結果の記述が不明瞭である。
19A	M-837663-01-1	Feng, Shaolong; Kong, Zhiming; Wang, Xinming; Peng, Pingan; Zeng, Eddy Y.	2005	Assessing the peripheral genotoxicity of imidacloprid and RH-5849 in human blood lymphocytes in vitro with comet assay and cytogenetic tests.	Ecotoxicology and Environmental Safety, (JUN 2005) Vol. 61, No. 2, pp. 239-246. http://www.journals.elsevier.com/ecotoxicology-and-environmental-safety/#description.	NTP	#9	適合性あり (区分b) 非GLP、ガイドラインの明記なし。ヒトリンパ球を用いたin vitro系で小核、姉妹染色体異常及びコメットアッセイが実施されている。試験方法、試験設計の情報が不足（用量設定の根拠となる情報がない→細胞増殖、細胞毒性などの情報がない）。代謝活性下条件で試験が実施されていない。陽性対照、陰性対照が試験系に含まれているが、背景データの提示がない。

20D	M-766674-01-1	Lonare, Milindmitra; Kumar, Manoj; Raut, Sachin; More, Amar; Doltade, Sagar; Badgujar, Prarabdh; Telang, Avinash	2015	Evaluation of ameliorative effect of curcumin on imidacloprid -induced male reproductive toxicity in wistar rats	Environmental Toxicology (2015) Ahead of Print	NTP	#9	非GLP/準拠したガイドライン記載なし 不純物の情報なし， 投与容量の記載なし，調製時期の記載なし 動物数1群6匹, 無作為化方法記載なし 背景データーの記載なし 病理組織学的所見について、頻度の情報がない。 GLP下でOECD416に準じて実施した繁殖毒性試験(5.6.1/01)において、投与期間が本文献より長く、体重増加抑制及び摂餌量の低下が認められた最高用量群700ppm(P/F世代；56.50/59.08mg/kg体重/日)において、当該文献で報告されているような所見は認められていない。また90日間反復混餌試験(5.3.1/01)においても2400ppm(300.2mg/kg体重/日)においても精巣重量及び本文献に記載されているような病理所見は認められない。
21	M-434092-01-1	Kapoor, Upasana; Srivastava, M. K.; Srivastava, L. P.	2011	Toxicological impact of technical imidacloprid on ovarian morphology, hormones and antioxidant enzymes in female rats.	Food Chem. Toxicol., Volume 49, Issue 12, Page 3086-3089, Publication Year 2011	EPA NTP	#1 #9	適合性あり (区分b) 非GLP/準拠したガイドライン記載なし 不純物の情報なし 投与容量の記載なし，調製時期の記載なし，陽性対照設定なし ホルモン測定に関して、発情周期の時期、測定時間、安楽死方法などの情報が不明 文献に記載されている流涎，下痢は弊社のGLP下の試験(急性経口毒性、急性神経毒性試験、90日間反復経口投与毒性試験，1年間反復経口投与毒性試験)で認められていない。
22	M-765518-01-1	Badgujar, Prarabdh C.; Jain, S. K.; Singh, Ajit; Punia, J. S.; Gupta, R. P.; Chandratre, Gauri A.	2013	Immunotoxic effects of imidacloprid following 28 days of oral exposure in BALB/c mice.	Environ. Toxicol. Pharmacol., Volume 35, Issue 3, Page 408-418, Publication Year 2013	EPA NTP	#1; Appendix 2-3, p 32 #9	適合性あり (区分b) 別添5参照

23	M-766172-01-1	Gawade, Lalita; Dadarkar, Shruta S.; Husain, Raghib; Gatne, Madhumanjiri.	2013	A detailed study of developmental immunotoxicity of imidacloprid in Wistar rats.	Food Chem. Toxicol., Volume 51, Page 61-70, Publication Year 2013	EPA NTP	#1 #9	適合性あり (区分c) 非GLP/準拠した試験ガイドラインの記載なし。被験物質の純度及び供給源の情報なし。 結果の情報が不充分のため評価が不可能： 例； 1群の動物数が記載されていない。 評価に供した母動物数/児動物数の情報なし. Phagocytosis assayにおいて、分析した細胞数が報告されていない。 赤血球凝集反応試験では陽性対照が設定されていない。 背景データが示されていない。
24D	M-603100-01-1	Gu, Yi-Hua; Li, Yan; Huang, Xue-Feng; Zheng, Ju-Fen; Yang, Jun; Diao, Hua; Yuan, Yao; Xu, Yan; Liu, Miao; Shi, Hui-Juan; Xu, Wen-Ping.	2013	Reproductive effects of two neonicotinoid insecticides on mouse sperm function and early embryonic development in vitro.	PLoS One, Volume 8, Issue 7, Page e70112, Publication Year 2013	EPA NTP	#1 #9	非GLP/準拠したガイドライン記載なし 不純物の情報なし 卵母細胞及び精液をそれぞれ採取したマウスの飼育環境及び供試数の情報なし。 用いた試験方法の信頼性、妥当性が検証できていない。
25	M-448064-01-1	Kimura-Kuroda, Junko; Komuta, Yukari; Kuroda, Yoichiro; Hayashi, Masaharu; Kawano, Hitoshi.	2012	Nicotine-like effects of the neonicotinoid insecticides acetamiprid and imidacloprid on cerebellar neurons from neonatal rats.	PLoS One, Volume 7, Issue 2, Page e32432, Publication Year 2012	EFSA NTP	#5; p.17-24 #9	適合性あり (区分c) 別添5参照（M-447866-01-1）

26D	M-768952-01-1	Kimura-Kuroda, Junko; Nishito, Yasumasa; Yanagisawa, Hiroko; Kuroda, Yoichiro; Komuta, Yukari; Kawano, Hitoshi; Hayashi, Masaharu	2016	Neonicotinoid insecticides alter the gene expression proile of neuron-enriched cultures from neonatal rat cerebellum	International Journal of Environmental Research and Public Health (2016), 13(10), 987/1-987/27	NTP	#9	非GLP/準拠したガイドラインの記載なし ガイドラインでまだ認められていない方法で行われたin vitro系の試験 ・発達神経毒性の検索に用いたモデルは、脳の発達を調べるモデルとしては適していない。 他の脳領域の細胞培養でデータを確認することができていない。 時間経過の実験を行わず、効果に用量依存性があるかどうか調査していない。 受容体結合アッセイと in vivo 実験において報告されたニコチンとイミダクロプリドの効力の差と、本文献の研究における等モル濃度でのニコチンとイミダクロプリドの非常に似た効果との間に矛盾があるものと考える。 IMIによって引き起こされるトランスクリプトームプロファイルの変化は、nAChRの直接活性化および／または脱感作によって引き起こされる可能性があると示唆しているが、確認データを提示していない。またトランスクリプトーム変化が神経タンパク質発現の変化や機能障害など、神経発達プロファイルの変化と因果関係があるかという事項については、細胞モデルのデータを示していないため、観察された効果の神経細胞発達への関連性は不明と考えられた。

27D	M-644273-01-1	Christen, Verena; Rusconi, Manuel; Crettaz, Pierre; Fent, Karl	2017	Developmental neurotoxicity of different pesticides in PC-12 cells in vitro	Toxicology and Applied Pharmacology (2017), 325, 25-36	NTP	#9	非GLP/準拠したガイドライン記載なし。 発達神経毒性を有するのではないかと報告があるいくつかの物質について、PC-12細胞を用いてin vitro系での検索を実施している、その結果、発達神経毒性の検出にはPC-12細胞が適しており、nutrite outgrouwthの抑制とgap-43の表現型の変化が指標として有意義であると結論されているもので、被験物質について、発達神経毒性を有するか否かを最終的に結論しているものではないものと考える。イミダクロプリドはこの上記２つの指標において統計学的な有意差は認められていない。これは、登録取得のための安全性評価に用いられているin vivo発達神経毒性試験(GLP下，US－EPA OPPTS 870.6300に準拠，OECD426にも準拠）の結果で陰性であることと合致している。
28D	M-768928-01-1	Xiang, Dandan; Han, Jian; Yao, Tingting; Wang, Qiangwei; Zhou, Bingsheng; Mohamed, Abou Donia; Zhu, Guonian	2017	Structure-Based Investigation on the Binding and Activation of Typical Pesticides With Thyroid Receptor.	Toxicological Sciences, (DEC 2017) Vol. 160, No. 2, pp. 205-216.ISSN: 1096-6080. E-ISSN: 1096-0929.	NTP	#9	非GLP/準拠したガイドライン記載なし in vitro系による甲状腺に対する作用機作をみているが、代謝活性条件下で実施されていない。 登録に用いたin vivo系の安全性試験では、甲状腺の病理組織学的検査においてアゴニスト作用を示唆する所見は認められていない。

29D	M-768180-01-1	Sun, Quancai; Qi, Weipeng; Xiao, Xiao; Yang, Szu-Hao; Kim, Daeyoung; Yoon, Kyong Sup; Clark, John M.; Park, Yeonhwa	2017	Imidacloprid Promotes High Fat Diet-Induced Adiposity in Female C57BL/6J Mice and Enhances Adipogenesis in 3T3-L1 Adipocytes via the AMPK.alpha.-Mediated Pathway	Journal of Agricultural and Food Chemistry (2017), 65(31), 6572-6581	NTP	#9	マウス雌にイミダクロプリドを高脂肪飼料と低脂肪食飼料それぞれに添加し、12週間混餌投与 In vitro試験；3T3-L1細胞，C2C12細胞 非GLP/準拠したガイドライン記載なし 不純物の情報なし in vivo；対照群についての情報なし。グループサイズ不明瞭，精巣上体の病理組織学的所見が記載されているが、その頻度及びその他の臓器の組織の記載なし。動物の一般観察などの所見なし。 高脂肪飼料及び低脂肪飼料用いていることから、この試験のNOAEL/LOAELをリスク評価への利用は適していない。 in vitro；溶媒の情報なし, 両細胞ともに細胞数の情報なし,陰性対照群の情報なし。
30D	M-769046-01-1	Bizerra, Paulo F. V.; Guimaraes, Anilda R. J. S.; Maioli, Marcos A.; Mingatto, Fabio E.	2018	Imidacloprid affects rat liver mitochondrial bioenergetics by inhibiting FoF1-ATP synthase activity	Journal of Toxicology and Environmental Health, Part A: Current Issues (2018), 81(8), 229-239	NTP	#9	非GLP/準拠したガイドライン記載なし 肝ミトコンドリア生体内エネルギーに対するイミダクロプリドの影響をin vitro系で検索しているが、研究内容と同等である安全性試験で用いられた最低用量との比較ができない、また、他の試験結果と比較できる単位を用いて報告されていない。
31D	M-766368-01-1	Kapoor, Upasana; Srivastava, M. K.; Trivedi, Purushottam; Garg, Veena; Srivastava, L. P.	2014	Disposition and acute toxicity of imidacloprid in female rats after single exposure	Food and Chemical Toxicology (2014), 68, 190-195	EPA NTP	#1 #9	別添5参照

32D	M-768944-01-1	Carmichael, Suzan L. (Correspondence); Yang, Wei; Roberts, Eric; Kegley, Susan E.; Padula, Amy M.; English, Paul B.; Lammer, Edward J.; Shaw, Gary M.	2014	Residential agricultural pesticide exposures and risk of selected congenital heart defects among offspring in the San Joaquin Valley of California.	Environmental Research, (November 01, 2014) Vol. 135, pp. 133-138. Refs: 30 ISSN: 0013-9351; E-ISSN: 1096-0953 CODEN: ENVRAL	NTP	#9	被験者の被ばく量は、GIS - 半径500mのジオコード化された地点（被験者の住まい）について割り当てられた被ばく量から算出しており、個人レベルでの推定暴露データを検証するために利用できる測定データに限りがある。したがって、暴露-反応評価の点で、定量的 で検証された個人レベルのデータが不足していると考えらる。
33D	M-768948-01-1	Keil, A. P.; Daniels, J. L.; Hertz-Picciottoa, I.	2014	Autism spectrum disorder, flea and tick medication, and adjustments for exposure misclassification: the CHARGE (CHildhood Autism Risks from Genetics and Environment) case-control study.	Environmental Health (2014) , Volume 13, Number 3, (23 January 2014) p., 60 refs. ISSN: 1476-069X Published by: BioMed Central Ltd, London	NTP	#9	著者らは症例対照研究デザインにおけるバイアスに対処するための明確な試みを行っているが、ペットへの使用の有無の報告だけではイミダクロプリドへの暴露を理解することは不可能である。
34D	M-495856-01-1	Yang, Wei; Carmichael, Suzan L.; Roberts, Eric M.; Kegley, Susan E.; Padula, Amy M.; English, Paul B.; Shaw, Gary M. [Reprint Author]	2014	Residential Agricultural Pesticide Exposures and Risk of Neural Tube Defects and Orofacial Clefts Among Offspring in the San Joaquin Valley of California.	American Journal of Epidemiology, (MAR 15 2014) Vol. 179, No. 6, pp. 740-748.	NTP	#9	被験者について個々の暴露量評価はなされていない。
35B	M-572460-01-1	Shaw, Gary M.; Yang, Wei; Roberts, Eric; Kegley, Susan E.; Padula, Amy; English, Paul B.; Carmichael, Suzan L.	2014	Early pregnancy agricultural pesticide exposures and risk of gastroschisis among offspring in the San Joaquin Valley of California	Birth Defects Research, Part A: Clinical and Molecular Teratology (2014), 100(9), 686-694	NTP	#9	適合性あり (区分b) 被験者の被ばく量は、GIS - 半径500mのジオコード化された地点（被験者の住居）について割り当てられた被ばく量から算出しており、個人レベルでの推定暴露データを検証するために利用できる測定データに限りがある。したがって、暴露-反応評価の点で、定量的に検証された個人レベルのデータが不足していると考えられる。
36C	入手不可能	Kavani, H. J.; Thaker, A. M.; Bhavsar, S. K.; Muchhara, J. A.; Bhadja, N. D.; Bhanderi, B. B.	2008	Evaluation of subacute immunotoxicity of imidacloprid with the ameliorating potential of aqueous extract of Asparagus racemosus on BALB/c mice .	Indian Journal of Environment and Toxicology (2008), Volume 18, Number 2, pp. 56-60, 7 refs. ISSN: 0971-2127 Published by: Jai Research Foundation, Gujarat	EPA	#1	全文の入手が不可能だったため評価できず。
37A	M-034702-01-1	Ho B; Tillotson J A; Kincannon L C; Simboli P B; Korte D W Jr	1988	The fate of nitroguanidine in the rat.	Fundamental and applied toxicology : official journal of the Society of Toxicology, (1988 Apr) Vol. 10, No. 3, pp. 453-8.	EFSA	#10 (Addendum 2)	

38A	M-278374-01-1	Kaplan, David L.; Cornell, John H.; Kaplan, Arthur M.	1982	Decomposition of nitroguanidine	Environmental Science and Technology (1982), 16(8), 488-92	EFSA	#10 (Addendum 2)	
39A	M-278481-01-1	Korte, D. W.; Morgan, E. W.; Hiatt, G. F. S.; Lewis, C.; Reddy, G.	1994	Acute toxicological evaluation of nitroguanidine	Journal of the American College of Toxicology (1994), 12(6), 565-6	EFSA	#10 (Addendum 2)	
40A	M-278484-01-1	Korte, Dw; Brown, Ld; Hiatt, Gfs; Wheeler, Cr; Reddy, G	1994	Acute oral toxicity of nitroguanidine in rats and mice	Journal of the American College of Toxicology (1994), 12(6), 567-8	EFSA	#10 (Addendum 2)	
41A	M-278411-01-1	Mcgregor, Douglas B.; Riach, Colin G.; Hastwell, Rowan M.; Dacre, Jack C.	1980	Genotoxic activity in microorganisms of tetryl, 1,3-dinitrobenzene and 1,3,5-trinitrobenzene	Environmental Mutagenesis (1980), 2(4), 531-41	EFSA	#10 (Addendum 2)	
42A	M-544437-01-1	Ishidate, Motoi, Jr.; Odashima, Shigeyoshi	1977	Chromosome tests with 134 compounds on Chinese hamster cells in vitro -a screening for chemical carcinogens	Mutation Research, Genetic Toxicology Testing (1977), 48(3-4), 337-53	EFSA	#10 (Addendum 2)	

a: 以下の記号を付した文献は2023年12月の改訂時に本表に追加したもの。

A 海外評価引用文献として新たに収集したもの

B 従来第1段階で適合性なしとしていたもの

C 従来別添2にリストしていたもの

D 従来別添3にリストしていたもの

#1: EPA, draft Biological Evaluation, 2021

#5: EFSA, Scientific Opinion on the developmental neurotoxicity potential of acetamiprid and imidacloprid, 2014

#9: NTP, Research Report on the Scoping Review of Potential Human Health Effects Associated with Exposures to Neonicotinoid Pesticides, 2020

#10: EFSA, Draft Assessment Report (DAR), 2005 (Addendum含む)

別添 4-1-2

海外評価引用文献：農作物及び畜産物への残留 (別添 4-2-2 を除く)

No.[a]	文献ファイル名	著者	出版年	論文表題	掲載誌名、号、ページ等	評価機関	評価書情報(発行年等)	備考
1A	M-836859-01-1	Ishii, Yoichi; Kobori, Itsuro; Araki, Yasuo; Kurogochi, Shin; Iwaya, Koji; Kagabu, Shinzo.	1994	HPLC determination of the new insecticide imidacloprid and its behavior in rice and cucumber.	J. Agric. Food Chem., Volume 42, Issue 12, Page 2917-21, Publication Year 1994	EFSA	#4	

a: 以下の記号を付した文献は2023年12月の改訂時に本表に追加したもの。

A 海外評価引用文献として新たに収集したもの

#4: EFSA, Conclusion on the peer review of the pesticide risk assessment for bees for the active substance imidacloprid considering all uses other than seed treatments and granules, 2015

別添 4-1-3

海外評価引用文献：生活環境動植物及び家畜に対する毒性 (別添 4-2-3 を除く)

No.[a]	文献ファイル名	著者	出版年	論文表題	掲載誌名、号、ページ等	評価機関	評価書情報(発行年等)	備考
1	M-547416-01-1	Lopez-Antia, Ana; Ortiz-Santaliestra, Manuel E.; Mougeot, Francois; Mateo, Rafael.	2013	Experimental exposure of red-legged partridges (Alectoris rufa) to seeds coated with imidacloprid, thiram and difenoconazole.	Ecotoxicology, Volume 22, Issue 1, Page 125-138, Publication Year 2013	EPA	#1; Chapter 2, p 2-28 (Figure 2-12)	用量の段階が足りず、定量的評価には適さない。認められた影響は体重減少に関連した二次的影響と考えられる。
2	M-547302-01-1	Lopez-Antia, Ana; Ortiz-Santaliestra, Manuel E.; Mougeot, Francois; Mateo, Rafael	2014	Imidacloprid -treated seed ingestion has lethal effect on adult partridges and reduces both breeding investment and offspring immunity	Environmental Research (2014) Ahead of Print	EPA	#1; Chapter 2, p 2-28 (Figure 2-12); Appendix 2-3, p 28-29	認められた影響は体重減少に関連した二次的影響と考えられる。
3	M-811688-01-1	Franzen-Klein, Dana; Jankowski, Mark; Roy, Charlotte L.; Nguyen-Phuc, Hoa; Chen, Da; Neuman-Lee, Lorin; Redig, Patrick; Ponder, Julia	2020	Evaluation of neurobehavioral abnormalities and immunotoxicity in response to oral imidacloprid exposure in domestic chickens (Gallus gallus domesticus)	Journal of Toxicology and Environmental Health, Part A: Current Issues (2020) Ahead of Print	EPA	#1; Appendix 2-2	
4	M-811681-01-1	Pandey, Surya Prakash; Mohanty, Banalata	2017	Disruption of the hypothalamic-pituitary-thyroid axis on co-exposures to dithiocarbamate and neonicotinoid pesticides: Study in a wildlife bird , Amandava amandava	NeuroToxicology (2017), 60, 16-22	EPA	#1; Appendix 2-2	鳥類の甲状腺への影響であり、評価に用いることが可能なエンドポイントは報告されていない。
5	M-479105-01-1	Tisler, Tatjana; Jemec, Anita; Mozetic, Branka; Trebse, Polonca.	2009	Hazard identification of imidacloprid to aquatic environment.	Chemosphere, Volume 76, Issue 7, Page 907-914, Publication Year 2009	EPA	#1; Chapter 2, p 2-13 (Figure 2-1); Appendix 2-5, p 5	
6	M-808457-01-1	Ozdemir, Selcuk; Altun, Serdar; Ozkaraca, Mustafa; Ghosi, Atena; Toraman, Emine; Arslan, Harun	2018	Cypermethrin, chlorpyrifos, deltamethrin , and imidacloprid exposure up-regulates the mRNA and protein levels of bdnf and c-fos in the brain of adult zebrafish (Danio rerio)	Chemosphere (2018), 203, 318-326	EPA NTP	#1; Appendix 2-2 #9	ゼブラフィッシュを用いた研究であるが、日本の評価に用いるエンドポイントは得られておらず定性的な結果。
7	M-808456-01-1	Wu, Shenggan; Li, Xinfang; Liu, Xinju; Yang, Guiling; An, Xuehua; Wang, Qiang; Wang, Yanhua	2018	Joint toxic effects of triazophos and imidacloprid on zebrafish (Danio rerio)	Environmental Pollution (Oxford, United Kingdom) (2018), 235, 470-481	EPA NTP	#1; Chapter 2, p 10-13; Appendix 2-3, p 3-4 #9	#1における記載：Quantitative, Limitations of Study: The concentration of imidacloprid at any test level is not expressly known for any acute test. Test validity criteria were not stated in the paper.
8	M-808444-01-1	Islam, Md. A.; Hossen, Md. S.; Sumon, Kizar A.; Rahman, Mohammad M.	2019	Acute Toxicity of Imidacloprid on the Developmental Stages of Common Carp Cyprinus carpio.	Toxicology and Environmental Health Sciences, (1 Sep 2019) Vol. 11, No. 3, pp. 244-251. Refs: 56 ISSN: 2005-9752; E-ISSN: 2233-7784	EPA	#1; Chapter 2, p 2-13 (Figure 2-1)	
9	M-758290-01-1	Chang, Yiming; Mao, Liangang; Zhang, Lan; Zhang, Yanning; Jiang, Hongyun	2020	Combined toxicity of imidacloprid , acetochlor, and tebuconazole to zebrafish (Danio rerio): acute toxicity and hepatotoxicity assessment	Environmental Science and Pollution Research (2020) Ahead of Print	EPA	#1; Chapter 2, p 2-13 (Figure 2-1)	

10	M-478930-01-1	Daam, Michiel A.; Santos Pereira, Ana C.; Silva, Emilia; Caetano, Lia; Cerejeira, Maria Jose	2013	Preliminary aquatic risk assessment of imidacloprid after application in an experimental rice plot	Ecotoxicology and Environmental Safety (2013), 97, 78-85	EFSA	#4; p 35, 101, 388	ISO法に従い、オオミジンコ、緑藻、ウキクサに対する毒性試験を実施したとあるが、試験方法の詳細が示されていない。イミダクロプリド処理後の水田水中の濃度を測定しているが、日本の代表的な使用方法／使用条件における評価に活用できない(ほ場条件、土性等)。
11	M-546621-01-1	Crosby, Emily B.; Bailey, Jordan M.; Oliveri, Anthony N.; Levin, Edward D.	2015	Neurobehavioral impairments caused by developmental imidacloprid exposure in zebrafish	Neurotoxicology and Teratology (2015), 49, 81-90	EPA NTP	#1; Appendix 2-2 #9	
12	M-811614-01-1	Vignet, Caroline; Cappello, Tiziana; Fu, Qiuguo; Lajoie, Kevin; De Marco, Giuseppe; Clerandeau, Christelle; Mottaz, Helene; Maisano, Maria; Hollender, Juliane; Schirmer, Kristin; Cachot, Jerome	2019	Imidacloprid induces adverse effects on fish early life stages that are more severe in Japanese medaka (Oryzias latipes) than in zebrafish (Danio rerio)	Chemosphere (2019), 225, 470-478	EPA	#1; Appendix 2-2	
13	M-587657-01-1	Wang, Yanhua; Yang, Guiling; Dai, Dejiang; Xu, Zhenlan; Cai, Leiming; Wang, Qiang; Yu, Yijun	2016	Individual and mixture effects of five agricultural pesticides on zebrafish (Danio rerio) larvae	Environmental Science and Pollution Research (2016) Ahead of Print	EPA	#1; Appendix 2-3, p 8-9	
14	M-478736-01-1	Jemec, Anita; Tisler, Tatjana; Drobne, Damjana; Sepcic, Kristina; Fournier, Didier; Trebse, Polonca.	2007	Comparative toxicity of imidacloprid, of its commercial liquid formulation and of diazinon to a non-target arthropod, the microcrustacean Daphnia magna.	Chemosphere, Volume 68, Issue 8, Page 1408-1418, Publication Year 2007	EPA	#1; Chapter 2, p 2-21 (Figure 2-7)	ミジンコの慢性影響を調査しており、日本の評価に用いられるエンドポイントは得られていない。
15	M-479099-01-1	Pestana, Joao L. T.; Loureiro, Susana; Baird, Donald J.; Soares, Amadeu M. V. M.	2010	Pesticide exposure and inducible antipredator responses in the zooplankton grazer, Daphnia magna Straus.	Chemosphere, Volume 78, Issue 3, Page 241-248, Publication Year 2010	EPA	#1; Appendix 2-5, p 5	
16	M-468064-01-1	Loureiro, Susana; Svendsen, Claus; Ferreira, Abel L. G.; Pinheiro, Clara; Ribeiro, Fabianne; Soares, Amadeu M. V. M.	2010	Toxicity of three binary mixtures to Daphnia magna: Comparing chemical modes of action and deviations from conceptual models.	Environ. Toxicol. Chem., Volume 29, Issue 8, Page 1716-1726, Publication Year 2010	EPA	#1; Appendix 2-5, p 5	
17	M-478944-01-1	Hayasaka, Daisuke; Korenaga, Tomoko; Suzuki, Kazutaka; Sanchez-Bayo, Francisco; Goka, Koichi.	2012	Differences in susceptibility of five cladoceran species to two systemic insecticides, imidacloprid and fipronil.	Ecotoxicology, Volume 21, Issue 2, Page 421-427, Publication Year 2012	EPA	#1; Appendix 2-5, p 4-5	濃度5段階。詳細は十分でないが、参考として使用可能。
18	M-478753-01-1	Agatz, Annika; Cole, Tabatha A.; Preuss, Thomas G.; Zimmer, Elke; Brown, Colin D.	2013	Feeding inhibition explains effects of imidacloprid on the growth, maturation, reproduction, and survival of Daphnia magna	Environmental Science and Technology (2013), 47(6), 2909-2917	EPA	#1; Chapter 2, p 2-21 (Figure 2-7)	日本の評価に用いられるエンドポイントは得られていない。
19	M-808463-01-1	Qi, Suzhen; Wang, Donghui; Zhu, Lizhen; Teng, Miaomiao; Wang, Chengju; Xue, Xiaofeng; Wu, Liming	2018	Neonicotinoid insecticides imidacloprid , guadipyr, and cycloxaprid induce acute oxidative stress in Daphnia magna	Ecotoxicology and Environmental Safety (2018), 148, 352-358	EPA	#1; Appendix 2-5, p 5	

20	M-808446-01-1	Bedrossiantz, Juliette; Martinez-Jeronimo, Fernando; Bellot, Marina; Raldua, Demetrio; Gomez-Canela, Cristian; Barata, Carlos	2020	A high-throughput assay for screening environmental pollutants and drugs impairing predator avoidance in Daphnia magna	Science of the Total Environment (2020), 740, 140045	EPA	#1; Appendix 2-2	
21	M-466479-01-1	Pavlaki, Maria D.; Pereira, Ricardo; Loureiro, Susana; Soares, Amadeu M. V. M.	2011	Effects of binary mixtures on the life traits of Daphnia magna.	Ecotoxicol. Environ. Saf., Volume 74, Issue 1, Page 99-110, Publication Year 2011	EPA	#1; Chapter 2, p 2-21 (Figure 2-7)	
22	M-479120-01-1	Stoughton, Sarah J.; Liber, Karsten; Culp, Joseph; Cessna, Allan.	2008	Acute and Chronic Toxicity of Imidacloprid to the Aquatic Invertebrates Chironomus tentans and Hyalella azteca under Constant- and Pulse-Exposure Conditions.	Arch. Environ. Contam. Toxicol., Volume 54, Issue 4, Page 662-673, Publication Year 2008	EPA	#1; Chapter 2, p 2-21 (Figure 2-7), p 2-22 (Figure 2-8)	
23	M-478929-01-1	Azevedo-Pereira, Henrique M. V. S.; Lemos, Marco F. L.; Soares, Amadeu M. V. M.	2011	Behaviour and Growth of Chironomus riparius Meigen (Diptera: Chironomidae) under Imidacloprid Pulse and Constant Exposure Scenarios.	Water, Air, Soil Pollut., Volume 219, Issue 1-4, Page 215-224, Publication Year 2011	EPA	#1; Appendix 2-5, p 4	ユスリカへの影響を調べているが、堆積物存在下で濃度低下が認められている。評価に用いるエンドポイントが得られていない。
24	M-478748-01-1	Berghahn, Ruediger; Mohr, Silvia; Huebner, Verena; Schmiediche, Ronny; Schmiedling, Ina; Svetich-Will, Erkki; Schmidt, Ralf.	2012	Effects of repeated insecticide pulses on macroinvertebrate drift in indoor stream mesocosms.	Aquat. Toxicol., Volume 122-123, Page 56-66, Publication Year 2012	EPA	#1; Appendix 2-2	ユスリカ、ヨコエビ等の群衆への影響が報告されているが、ECやLCは報告されていない。
25	M-561761-01-1	Cavallaro Michael C; Morrissey Christy A; Headley John V; Peru Kerry M; Liber Karsten	2016	Comparative chronic toxicity of imidacloprid, clothianidin , and thiamethoxam to Chironomus dilutus and estimation of toxic equivalency factors.	Environmental toxicology and chemistry / SETAC, (2016 Jun 22) . Electronic Publication Date: 22 Jun 2016	EPA	#1; Chapter 2, p 2-21 (Figure 2-7), 2-22 (Figure 2-8)	日本のリスク評価には用いられないユスリカへの長期毒性。堆積物を模擬する珪砂を使用。
26	M-805974-01-1	Maloney Erin M; Morrissey Christy A; Headley John V; Peru Kerry M; Liber Karsten	2017	CUMULATIVE TOXICITY OF NEONICOTINOID INSECTICIDE MIXTURES TO CHIRONOMUS DILUTUS UNDER ACUTE EXPOSURE SCENARIOS.	Environmental toxicology and chemistry, (2017 Jun 21) . Electronic Publication Date: 21 Jun 2017	EPA	#1; Appendix 2-5, p 4 #6; p 13	
27	M-636661-01-1	Raby Melanie; Zhao Xiaoming; Hao Chunyan; Poirier David G; Sibley Paul K	2018	CHRONIC TOXICITY OF 6 NEONICOTINOID INSECTICIDES TO CHIRONOMUS DILUTUS AND NEOCLOEON TRIANGULIFER.	Environmental toxicology and chemistry, (2018 Jul 28) . Electronic Publication Date: 28 Jul 2018	EPA	#1; Chapter 2, p 2-21 (Figure 2-7), p 2-22 (Figure 2-8) #6; p 28	
28	M-629603-01-1	Njattuvetty Chandran, Naveen; Fojtova, Dana; Blahova, Lucie; Rozmankova, Eliska; Blaha, Ludek	2018	Acute and (sub) chronic toxicity of the neonicotinoid imidacloprid on Chironomus riparius	Chemosphere (2018), 209, 568-577	EPA	#1; Chapter 2, p 2-10, 2-17, 2-20, 2-21 (Figure 2-7), 2-22 (Figure 2-8); Appendix 2-3, p 13	
29	M-629847-01-1	Raby, Melanie; Nowierski, Monica; Perlov, Dmitri; Zhao, Xiaoming; Hao, Chunyan; Poirier, David G.; Sibley, Paul K.	2018	Acute toxicity of 6 neonicotinoid insecticides to freshwater invertebrates	Environmental Toxicology and Chemistry (2018) Ahead of Print	EPA	#1; Appendix 2-5, p 3-5 #6; p 13	ユスリカ幼虫の毒性を調べているが、3齢幼虫を用いている。

30	M-758286-01-1	Williams, Nate; Sweetman, Jon	2019	Effects of neonicotinoids on the emergence and composition of chironomids in the Prairie Pothole Region	Environmental Science and Pollution Research (2019), 26(4), 3862-3868	EPA	#1; Appendix 2-2	
31	M-809309-01-1	Wei, Fenghua; Wang, Dali; Li, Huizhen; Xia, Pu; Ran, Yong; You, Jing	2020	Toxicogenomics provides insights to toxicity pathways of neonicotinoids to aquatic insect, Chironomus dilutus	Environmental Pollution (Oxford, United Kingdom) (2020), 260, 114011	EPA	#1; Appendix 2-5, p 3	
32A	M-479276-01-1	Stevens, M. M.; Ali, A.; Helliwell, S.; Schiller, L. J.; Hansen, S.	2002	Comparison of two bioassay techniques for assessing the acute toxicity of pesticides to chironomid larvae (Diptera: Chironomidae).	J. Am. Mosq. Control Assoc., Volume 18, Issue 2, Page 119-125, Publication Year 2002	EPA	#1; Appendix 2-2	
33	M-546627-01-1	Gagliardi, Bryant S.; Long, Sara M.; Pettigrove, Vincent J.; Hoffmann, Ary A.	2015	The Parthenogenetic Cosmopolitan Chironomid, Paratanytarsus grimmii, as a New Standard Test Species for Ecotoxicology: Culturing Methodology and Sensitivity to Aqueous Pollutants	Bulletin of Environmental Contamination and Toxicology (2015) Ahead of Print	EPA	#1; Appendix 2-2	
34	M-809306-01-1	Scherer, Christian; Wolf, Raoul; Voelker, Johannes; Stock, Friederike; Brennhold, Nicole; Reifferscheid, Georg; Wagner, Martin	2019	Toxicity of microplastics and natural particles in the freshwater dipteran Chironomus riparius: Same same but different?	Science of the Total Environment (2019) Ahead of Print	EPA	#1; Appendix 2-2	
35	M-478957-01-1	Lukancic, Simon; Zibrat, Uros; Mezek, Tadej; Jerebic, Andreja; Simcic, Tatjana; Brancelj, Anton.	2010	A new method for early assessment of effects of exposing two non-target crustacean species, Asellus aquaticus and Gammarus fossarum, to pesticides, a laboratory study.	Toxicol. Ind. Health, Volume 26, Issue 4, Page 217-228, Publication Year 2010	EPA	#1; Appendix 2-5, p 4-5	ヨコエビを用いた論文であるが、暴露時間が短い。
36	M-478745-01-1	Ashauer, Roman; Hintermeister, Anita; Potthoff, Eva; Escher, Beate I.	2011	Acute toxicity of organic chemicals to Gammarus pulex correlates with sensitivity of Daphnia magna across most modes of action.	Aquat. Toxicol., Volume 103, Issue 1-2, Page 38-45, Publication Year 2011	EPA	#1; Appendix 2-5, p 4	ヨコエビ(Gammarus pulex)を用いた毒性データが得られているが、試験種が推奨種ではない。
37	M-477694-01-1	Malev, Olga; Klobucar, Roberta Sauerborn; Fabbretti, Elsa; Trebse, Polonca	2012	Comparative toxicity of imidacloprid and its transformation product 6 - chloronicotinic acid to non-target aquatic organisms: Microalgae Desmodesmus subspicatus and amphipod Gammarus fossarum	Pesticide Biochemistry and Physiology (2012), 104(3), 178-186	EPA	#1; Chapter 2, p 2-26 (Figure 2-11)	ヨコエビ及び藻類の毒性試験を実施しているが、いずれも試験法がガイドラインと異なる(ヨコエビの試験の暴露時間は24時間、藻類試験はマイクロプレートを使用、等)。 イミダクロプリド試験群では、用量相関が得られておらず、EC50値はいずれも超値で、日本の評価に用いられるエンドポイントは得られていない。
38	M-811613-01-1	Lebrun, Jeremie D.; De Jesus, Kelly; Rouillac, Lenaick; Ravelli, Marie; Guenne, Angeline; Tournebize, Julien	2019	Single and combined effects of insecticides on multi-level biomarkers in the non - target amphipod Gammarus fossarum exposed to environmentally realistic levels	Aquatic Toxicology (2019) Ahead of Print	EPA	#1; Appendix 2-2	

39	M-478751-01-1	Boettger, R.; Schaller, J.; Mohr, S.	2012	Closer to reality - the influence of toxicity test modifications on the sensitivity of Gammarus roeseli to the insecticide imidacloprid	Ecotoxicology and Environmental Safety (2012), 81, 49-54	EPA	#1; Appendix 2-5, p 4, 9	
40	M-478746-01-1	Hayasaka, D.; Korenaga, T.; Suzuki, K.; Saito, F.; Sanchez-Bayo, F.; Goka, K.	2012	Cumulative ecological impacts of two successive annual treatments of imidacloprid and fipronil on aquatic communities of paddy mesocosms.	Ecotoxicol. Environ. Saf., Volume 80, Page 355-362, Publication Year 2012	EPA EFSA	#1; Appendix 2-2 #4; p 36, 102, 392-393	水田での群集分析。定量的エンドポイントは報告されていない。
41	M-809251-01-1	Dijk, Tessa Cvan; Staalduinen, Marja Avan; Sluijs, P Vander	2013	Macro-Invertebrate Decline in Surface Water Polluted with Imidacloprid. e62374	PLoS ONE [PLoS ONE]. Vol. 8, no. 5, [np]. May 2013., 58 refs. E-ISSN: 1932-6203 DOI: 10.1371/journal.pone.0062374 Published by: Public Library of Science, 185 Berry Street San Francisco CA 94107 United States	EFSA	#4; p 31, 82, 273	
42	M-808495-01-1	Neury-Ormanni, Julie; Vedrenne, Jacky; Morin, Soizic	2020	Benthic diatom growth kinetics under combined pressures of microalgal competition, predation and chemical stressors	Science of the Total Environment (2020), 734, 139484	EPA	#1; Chapter 2, p 2-26 (Figure 2-11)	
43	M-758296-01-1	Sumon, Kizar Ahmed; Ritika, Afifat Khanam; Peeters, Edwin T. H. M.; Rashid, Harunur; Bosma, Roel H.; Rahman, Md. Shahidur; Fatema, Mst. Kaniz; Van Den Brink, Paul J.	2018	Effects of imidacloprid on the ecology of sub-tropical freshwater microcosms	Environmental Pollution (Oxford, United Kingdom) (2018), 236, 432-441	EPA	#1; Appendix 2-2	
44	M-479097-01-1	Sanchez-Bayo, Francisco; Goka, Kouichi.	2006	Ecological effects of the insecticide imidacloprid and a pollutant from antidandruff shampoo in experimental rice fields.	Environ. Toxicol. Chem., Volume 25, Issue 6, Page 1677-1687, Publication Year 2006	EFSA	#4; p 37, 77, 104, 412	人工水田を用いて生物相の変化を調べている。ユスリカに対する影響が確認されているが、試験法はガイドラインと異なる。
45	M-758285-01-1	Rico, Andreu; Arenas-Sanchez, Alba; Pasqualini, Julia; Garcia-Astillero, Ariadna; Cherta, Laura; Nozal, Leonor; Vighi, Marco	2018	Effects of imidacloprid and a neonicotinoid mixture on aquatic invertebrate communities under Mediterranean conditions	Aquatic Toxicology (2018), 204, 130-143	EPA	#1; Appendix 2-2	
46	M-547157-01-1	Sanchez-Bayo, Francisco; Goka, Kouchi	2012	Evaluation of suitable endpoints for assessing the impacts of toxicants at the community level	Ecotoxicology (2012), 21(3), 667-680	EFSA	#4; p 36, 102, 395	
47	M-546978-01-1	Nagai, Takashi; Yokoyama, Atsushi.	2012	Comparison of ecological risks of insecticides for nursery-box application using species sensitivity distribution.	J. Pestic. Sci. (Tokyo, Jpn.), Volume 37, Issue 3, Page 233-239, Publication Year 2012	EFSA	#4; p 22, 102	
48A	M-507926-01-1	Suchail, S.; Guez, D.; Belzunces, L. P.	2001	Toxicity of imidacloprid and its metabolites in Apis mellifera.	Colloq. - Inst. Natl. Rech. Agron., Volume 98, Issue Hazards of Pesticides to Bees, Page 121-126, Publication Year 2001	EFSA	#4	

49	M-508173-01-1	Di Prisco, Gennaro; Cavaliere, Valeria; Annoscia, Desiderato; Varricchio, Paola; Caprio, Emilio; Nazzi, Francesco; Gargiulo, Giuseppe; Pennacchio, Francesco	2013	Neonicotinoid clothianidin adversely affects insect immunity and promotes replication of a viral pathogen in honey bees	Proceedings of the National Academy of Sciences of the United States of America (2013), 110(46), 18466-18471,S18466/1-S18466/7	EPA EFSA	#1; Chapter 2, p 2-44 (Figure 2-23) #3; Appendix C, p 78-79 #4; p 81, 470-472	接触LD50の結果のみ評価可能と思われるが、試験実施の環境は34℃と高く、GLと合致せず、また、日齢数も不明である。
50	M-808506-01-1	Chen, Xue Dong; Gill, Torrence A.; Pelz-Stelinski, Kirsten S.; Stelinski, Lukasz L.	2017	Risk assessment of various insecticides used for management of Asian citrus psyllid, Diaphorina citri in Florida citrus, against honey bee , Apis mellifera	Ecotoxicology (2017) Ahead of Print	EPA	#1; Appendix 2-6, p 3	接触試験の結果は変動が大きく(95%信頼限界の上限/下限比はジメトエートで795000, イミダクロプリドで111)、またジメトエートのLD50値は0.10ng/μL (5μL/bee投与)とOECD 214で定める妥当性範囲から大きく外れている。
51	M-808482-01-1	Delkash-Roudsari, Sahar; Chicas-Mosier, Ana M.; Goldansaz, Seyed Hossein; Talebi-Jahromi, Khalil; Ashouri, Ahmad; Abramson, Charles I.	2020	Assessment of lethal and sublethal effects of imidacloprid , ethion, and glyphosate on aversive conditioning, motility, and lifespan in honey bees (Apis mellifera L.)	Ecotoxicology and Environmental Safety (2020), 204, 111108	EPA	#1; Appendix 2-2	
52A	M-508174-01-1	Suchail, Severine; Guez, David; Belzunces, Luc P.	2000	Characteristics of imidacloprid toxicity in two Apis mellifera subspecies.	Environ. Toxicol. Chem., Volume 19, Issue 7, Page 1901-1905, Publication Year 2000	EPA EFSA	#1 #2 #3 #4	用量相関性がなく、翌年の試験では大きく異なる結果となっている。また摂餌量が12μL/dayのみで不十分だったと考えられる。
53A	M-387937-01-1	Iwasa, Takao; Motoyama, Naoki; Ambrose, John T.; Roe, R. Michael.	2004	Mechanism for the differential toxicity of neonicotinoid insecticides in the honey bee, Apis mellifera.	Crop Prot., Volume 23, Issue 5, Page 371-378, Publication Year 2004	EPA EFSA	#1 #2 #3 #4	
54A	M-387590-01-1	Bailey, Janisse; Scott-Dupree, Cynthia; Harris, Ron; Tolman, Jeff; Harris, Brenda.	2005	Contact and oral toxicity to honey bees (Apis mellifera) of agents registered for use for sweet corn insect control in Ontario, Canada.	Apidologie, Volume 36, Issue 4, Page 623-633, Publication Year 2005	EFSA	#3 #4	
55	M-544788-01-1	Rinkevich, Frank D.; Margotta, Joseph W.; Pittman, Jean M.; Danka, Robert G.; Tarver, Matthew R.; Ottea, James A.; Healy, Kristen B.	2015	Genetics, synergists, and age affect insecticide sensitivity of the honey bee, Apis mellifera	PLoS One (2015), 10(10), e0139841/1-e0139841/12	EFSA	#3; Appendix C, p 264-265	イミダクロプリドのミツバチに対する経口毒性を、3系統のミツバチを用いて調べている。系統間の相対的な感受性差を調べることが主目的であり、イミダクロプリドの絶対的な毒性値は得られていない。
56	M-809287-01-1	Li, Zhiguo; Li, Meng; He, Jingfang; Zhao, Xiaomeng; Chaimanee, Veeranan; Huang, Wei-Fone; Nie, Hongyi; Zhao, Yazhou; Su, Songkun	2017	Differential physiological effects of neonicotinoid insecticides on honey bees : A comparison between Apis mellifera and Apis cerana	Pesticide Biochemistry and Physiology (2017) Ahead of Print	EPA	#1; Chapter 2, p 2-45 (Figure 2-24)	30%スクロースで2μL/beeで投与しており、ガイドライン法よりも被験物質濃度が高濃度で投与されている。試験温度が30℃であり、観察期間は24時間となっている。

57	M-805384-01-1	Jacob, Cynthia R. O.; Malaquias, Jose B.; Zanardi, Odimar Z.; Silva, Carina A. S.; Jacob, Jessica F. O.; Yamamoto, Pedro T.	2019	Oral acute toxicity and impact of neonicotinoids on Apis mellifera L. and Scaptotrigona postica Latreille (Hymenoptera: Apidae)	Ecotoxicology (2019) Ahead of Print	EPA	#1; Chapter 2, p 2-40 (Figure 2-20)	
58A	M-087537-01-1	Suchail, Severine; Guez, David; Belzunces, Luc P.	2001	Discrepancy between acute and chronic toxicity induced by imidacloprid and its metabolites in Apis mellifera	Environmental Toxicology and Chemistry (2001), 20(11), 2482-2486	EPA EFSA	#1 #2 #3 #4	
59	M-803662-01-1	Santos, Ane C. C.; Cristaldo, Paulo F.; Araujo, Ana P. A.; Melo, Carlisson R.; Lima, Ana P. S.; Santana, Emile D. R.; De Oliveira, Bruna M. S.; Oliveira, Jose W. S.; Vieira, Jodnes S.; Blank, Arie F.; Bacci, Leandro	2018	Apis mellifera (Insecta: Hymenoptera) in the target of neonicotinoids: A one-way ticket? Bioinsecticides can be an alternative	Ecotoxicology and Environmental Safety (2018), 163, 28-36	EPA	#1; Chapter 2, p 2-44 (Figure 2-23), p 2-45 (Figure 2-24)	ミツバチの急性影響を調べているが、観察時間が24時間。
60	M-807732-01-1	Yue Meng; Luo Shudong; Liu Jialin; Wu Jie	2017	Apis cerana Is Less Sensitive to Most Neonicotinoids, Despite of Their Smaller Body Mass.	Journal of economic entomology, (2017 Dec 19) . Electronic Publication Date: 19 Dec 2017	EPA	#1; Appendix 2-6, p 2	セイヨウミツバチも含めて試験されている。匹数は20頭と少なく、ショ糖溶液濃度も不明。
61	M-809288-01-1	Catae Aline Fernanda; Roat Thaisa Cristina; Pratavieira Marcel; Silva Menegasso Anally Ribeiro Da; Palma Mario Sergio; Malaspina Osmar	2017	Exposure to a sublethal concentration of imidacloprid and the side effects on target and nontarget organs of Apis mellifera (Hymenoptera, Apidae).	Ecotoxicology (London, England), (2017 Nov 10) . Electronic Publication Date: 10 Nov 2017	EPA	#1; Chapter 2, p 2-40 (Figure 2-20)	混餌投与であるが、摂餌期間の記載がなく、また摂餌量を測定したかも記載されておらず、有効成分の1頭あたり摂取量(g/bee)が不明である。
62	M-508905-01-1	Husain, D.; Qasim, M.; Saleem, M.; Akhter, M.; Khan, K. A.	2014	Bioassay of insecticides against three honey bee species in laboratory conditions.	Cercetari Agronomice in Moldova (2014) , Volume 47, Number 2, pp. 69-79, 26 refs. ISSN: 0379-5837 Published by: Universitatea de Stiinte Agricole Si Medicina Veterinara /Ion Ionescu de la Brad/, Iasi	EPA EFSA	#2; Appendix A, p 3 #3; Appendix C, p 147-148	#2でinvalidとされている。
63	M-811682-01-1	Raymann, Kasie; Motta, Erick V.S.; Moran, Nancy A.; Girard, Catherine; Riddington, Ian M.; Dinser, Jordan A.	2018	Imidacloprid decreases honey bee survival rates but does not affect the gut microbiome	Applied and Environmental Microbiology (1 Jul 2018) Volume 84, Number 13, arn: e00545-18, 51 refs. CODEN: AEMIDF ISSN: 0099-2240 E-ISSN: 1098-5336 DOI: 10.1128/AEM.00545-18 Published by: American Society for Microbiology,	EPA	#1; Appendix 2-2	
64	M-507924-01-1	Williamson, Sally M.; Baker, Daniel D.; Wright, Geraldine A.	2013	Acute exposure to a sublethal dose of imidacloprid and coumaphos enhances olfactory learning and memory in the honeybee Apis mellifera.	Invertebr. Neurosci., Volume 13, Issue 1, Page 63-70, Publication Year 2013	EFSA	#3; Appendix C, p 348 #4; p 82, 486	
65	M-510731-01-1	Stanley, Johnson; Sah, Khushboo; Jain, S. K.; Bhatt, J. C.; Sushil, S. N.	2015	Evaluation of pesticide toxicity at their field recommended doses to honeybees , Apis cerana and A. mellifera through laboratory, semi-field and field studies	Chemosphere (2015), 119, 668-674	EPA EFSA	#2; Appendix A, p 9 #3; Appendix C, p 309-312	#2でinvalidとされている。

66	http://sciencesearch.defra.gov.uk/Document.aspx?Document=PS2322_6129_FRP.doc	Department for Environment Food and Rural Affairs	2007	Assessment of the Risk Posed to Honeybees by Systemic Pesticides	Science and Research Projects, PS2322, 2022	EPA	#1; Appendix 2-2	
67	M-508177-01-1	Alaux, C.; Brunet, J. L.; Dussaubat, C.; Mondet, F.; Tchamitchan, S.; Cousin, M.; Brillard, J.; Baldy, A.; Belzunces, L. P.; Conte, Y. Le; Le Conte, Y.	2010	Interactions between Nosema microspores and a neonicotinoid weaken honeybees (Apis mellifera).	Environmental Microbiology (2010), Volume 12, Number 3, pp. 774-782 ISSN: 1462-2912 DOI: 10.1111/j.1462-2920.2009.02123.x Published by: Blackwell Publishing Ltd, Oxford	EPA EFSA	#1; Chapter 2, p 2-45 (Figure 2-24) #2; p 145 #3; Appendix C, p 12 #4; p 89, 531	
68	M-507514-01-1	Cresswell, James E. [Reprint Author]; Page, Christopher J.; Uygun, Mehmet B.; Holmbergh, Marie; Li, Yueru; Wheeler, Jonathan G.; Laycock, Ian; Pook, Christopher J.; De Ibarra, Natalie Hempel; Smirnoff, Nick; Tyler, Charles R.	2012	Differential sensitivity of honey bees and bumble bees to a dietary insecticide (imidacloprid).	Zoology (Jena), (DEC 2012) Vol. 115, No. 6, pp. 365-371. ISSN: 0944-2006.	EPA EFSA	#2; p 317; Appendix E, p 56-57 #3; Appendix C, p 64-65 #4; p 83, 495	
69	M-508146-01-1	Cresswell, James E.; Robert, Francois-Xavier L.; Florance, Hannah; Smirnoff, Nicholas.	2013	Clearance of ingested neonicotinoid pesticide (imidacloprid) in honey bees (Apis mellifera) and bumblebees (Bombus terrestris).	Pest Manage. Sci., Page Ahead of Print	EPA EFSA	#2; p 146 #3; Appendix C, p 65 #4; p 31, 80, 251-252, 466-467	
70A	M-387675-01-1	Moncharmont, Francois-Xavier Dechaume; Decourtye, Axel; Hennequet-Hantier, Christelle; Pons, Odile; Pham-Delegue, Minh-Ha.	2003	Statistical analysis of honeybee survival after chronic exposure to insecticides.	Environ. Toxicol. Chem., Volume 22, Issue 12, Page 3088-3094, Publication Year 2003	EPA EFSA	#1 #2 #3 #4	#2でinvalidとされている。
71A	M-477441-01-1	Schmuck, R.	2004	Effects of a Chronic Dietary Exposure of the Honeybee Apis mellifera (Hymenoptera: Apidae) to Imidacloprid.	Arch. Environ. Contam. Toxicol., Volume 47, Issue 4, Page 471-478, Publication Year 2004	EPA EFSA	#2 #4	
72	M-508179-01-1	Yang, En-Cheng; Chang, Hui-Chun; Wu, Wen-Yen; Chen, Yu-Wen.	2012	Impaired olfactory associative behavior of honeybee workers due to contamination of imidacloprid in the larval stage.	PLoS One, Volume 7, Issue 11, Page e49472, Publication Year 2012	EFSA	#3; Appendix C, p 356 #4; p 84, 498-500	
73	M-808494-01-1	Dai Pingli; Jack Cameron J; Mortensen Ashley N; Ellis James D	2017	Acute toxicity of five pesticides to Apis mellifera larvae reared in vitro.	Pest management science, (2017 May 09) . Electronic Publication Date: 9 May 2017	EPA	#1; Chapter 2, p 2-40 (Figure 2-20)	

74	M-510714-01-1	Derecka, Kamila; Blythe, Martin J.; Malla, Sunir; Genereux, Diane P.; Guffanti, Alessandro; Pavan, Paolo; Moles, Anna; Snart, Charles; Ryder, Thomas; Ortori, Catharine A.; Barrett, David A.; Schuster, Eugene; Stoger, Reinhard.	2013	Transient exposure to low levels of insecticide affects metabolic networks of honeybee larvae.	PLoS One, Volume 8, Issue 7, Page e68191, Publication Year 2013	EFSA	#4; p 82, 484	
75	M-357488-01-1	Ramirez-Romero, R.; Desneux, N.; Decourtye, A.; Chaffiol, A.; Pham-Delegue, M. H.	2008	Does Cry1Ab protein affect learning performances of the honey bee Apis mellifera L. (Hymenoptera, Apidae)?.	Ecotoxicol. Environ. Saf., Volume 70, Issue 2, Page 327-333, Publication Year 2008	EPA EFSA	#1; Chapter 2, p 2-45 (Figure 2-24) #3; Appendix C, p 247 #4; p 92, 552	対照物質として試験されたたが十分な死亡率が見られておらず、リスク評価には用いることができない。
76	M-510718-01-1	Han, Peng; Niu, Chang-Ying; Biondi, Antonio; Desneux, Nicolas.	2012	Does transgenic Cry1Ac + CpTI cotton pollen affect hypopharyngeal gland development and midgut proteolytic enzyme activity in the honey bee Apis mellifera L. (Hymenoptera, Apidae)?.	Ecotoxicology, Volume 21, Issue 8, Page 2214-2221, Publication Year 2012	EPA EFSA	#1; Chapter 2, p 2-45 (Figure 2-24) #4; p 84, 502-503	対照物質として試験されたたが十分な死亡率が見られておらず、リスク評価には用いることができない。
77	M-429657-01-1	Henry, Mickael; Beguin, Maxime; Requier, Fabrice; Rollin, Orianne; Odoux, Jean-Francois; Aupinel, Pierrick; Aptel, Jean; Tchamitchian, Sylvie; Decourtye, Axel	2012	A Common Pesticide Decreases Foraging Success and Survival in Honey Bees	Science (Washington, DC, United States) (2012), 336(6079), 348-350	EFSA	#3; Appendix C, p 138 #4; p 22, 85, , 221, 225, 512	
78	M-507914-01-1	Eiri, Daren M. (Reprint) Eiri, Daren M. (Reprint); Nieh, James C.	2012	A nicotinic acetylcholine receptor agonist affects honey bee sucrose responsiveness and decreases waggle dancing	JOURNAL OF EXPERIMENTAL BIOLOGY, (JUN 2012) Vol. 215, No. 12, pp. 2022-2029. ISSN: 0022-0949.	EPA EFSA	#2; p 162 #3; Appendix C, p 91-92 #4; p 85, 510-511	
79	M-510716-01-1	De Almeida Rossi, Caroline; Roat, Thaisa Cristina; Tavares, Daiana Antonia; Cintra-Socolowski, Priscila; Malaspina, Osmar.	2013	Brain Morphophysiology of Africanized Bee Apis mellifera Exposed to Sublethal Doses of Imidacloprid.	Arch. Environ. Contam. Toxicol., Volume 65, Issue 2, Page 234-243, Publication Year 2013	EPA EFSA	#1; Chapter 2, p 2-45 (Figure 2-24) #3; Appendix C, p 268-269 #4; p 82, 482-483	単回経口毒性試験はOECD試験法に沿っており、区分a相当と考える。
80	M-508902-01-1	Thompson, Helen M.; Fryday, Steven L.; Harkin, Sarah; Milner, Sarah	2014	Potential impacts of synergism in honeybees (Apis mellifera) of exposure to neonicotinoids and sprayed fungicides in crops	Apidologie (2014), 45(5), 545-553	EPA EFSA	#1; Appendix 2-6, p 3 #2; p 134, 141 #3; Appendix C, p 330-332	
81	M-544790-01-1	Mengoni Gonalons Carolina; Farina Walter Marcelo	2015	Effects of Sublethal Doses of Imidacloprid on Young Adult Honeybee Behaviour .	PloS one, (2015) Vol. 10, No. 10, pp. e0140814. Electronic Publication Date: 21 Oct 2015	EPA EFSA	#1; Chapter 2, 2-38 (Figure 2-18) #3; Appendix C, p 201	日本の評価に用いられるエンドポイントは得られていない。

82	M-544577-01-1	Zhang Erica; Nieh James C	2015	The neonicotinoid imidacloprid impairs honey bee aversive learning of simulated predation.	The Journal of experimental biology, (20151000) Vol. 218, No. Pt 20, pp. 3199-205. Electronic Publication Date: 7 Sep 2015	EPA EFSA	#1; Appendix 2-2 #3; Appendix E, p 77	
83	M-557388-01-1	Dai Ping-Li; Jia Hui-Ru; Geng Li-Li; Diao Qing-Yun	2016	Bt Toxin Cry1Ie Causes No Negative Effects on Survival , Pollen Consumption , or Olfactory Learning in Worker Honey Bees (Hymenoptera: Apidae).; Bt Toxin Cry1Ie Causes No Negative Effects on Survival, Pollen Consumption, or Olfactory Learning in Worker Ho	Journal of economic entomology, (2016 Apr 27) . Electronic Publication Date: 27 Apr 2016	EPA	#1; Appendix 2-2	日本の評価に用いられるエンドポイントは得られていない。
84	M-566554-01-1	Dussaubat, Claudia; Maisonnasse, Alban; Crauser, Didier; Tchamitchian, Sylvie; Bonnet, Marc; Cousin, Marianne; Kretzschmar, Andre; Brunet, Jean-Luc; Le Conte, Yves	2016	Combined neonicotinoid pesticide and parasite stress alter honeybee queens physiology and survival	Scientific Reports (2016), 6, 31430	EPA	#1; Appendix 2-2	女王バチの酵素系への影響であり、日本の評価に用いられるエンドポイントは得られていない。
85	M-808417-01-1	Sanchez-Bayo, Francisco; Belzunces, Luc; Bonmatin, Jean-Marc	2017	Lethal and sublethal effects, and incomplete clearance of ingested imidacloprid in honey bees (Apis mellifera)	Ecotoxicology (2017), 26(9), 1199-1206	EPA	#1; Appendix 2-2	
86	M-808493-01-1	Wong, Michael J.; Liao, Ling-Hsiu; Berenbaum, May R.	2018	Biphasic concentration-dependent interaction between imidacloprid and dietary phytochemicals in honey bees (Apis mellifera).	PLoS ONE, (November 2018) Vol. 13, No. 11. arn. e0206625. Refs: 82 E-ISSN: 1932-6203 CODEN: POLNCL	EPA	#1; Appendix 2-6, p 2	ミツバチに混餌投与しているが、摂餌量を測定していないため、LC50しか得られていない。
87	M-808548-01-1	Gregorc Ales; Alburaki Mohamed; Rinderer Nicholas; Sampson Blair; Knight Patricia R; Karim Shahid; Adamczyk John	2018	Effects of coumaphos and imidacloprid on honey bee (Hymenoptera: Apidae) lifespan and antioxidant gene regulations in laboratory experiments.	Scientific reports, (2018 Oct 09) Vol. 8, No. 1, pp. 15003. Electronic Publication Date: 9 Oct 2018	EPA	#1; Chapter 2, p 2-45 (Figure 2-24)	
88	M-618199-01-1	Manjon, Cristina; Troczka, Bartlomiej J.; Zaworra, Marion; Beadle, Katherine; Randall, Emma; Hertlein, Gillian; Singh, Kumar Saurabh; Zimmer, Christoph T.; Homem, Rafael A.; Lueke, Bettina; Reid, Rebecca; Kor, Laura; Kohler, Maxie; Benting, Juergen; Willi	2018	Unravelling the Molecular Determinants of Bee Sensitivity to Neonicotinoid Insecticides	Current Biology (2018), 28(7), 1137-1143.e5	EPA	#1; Appendix 2-6, p 3	評価に用いられるエンドポイントは報告されていないが、メカニズムとしての参考データ。
89	M-654275-01-1	Hesselbach Hannah; Scheiner Ricarda	2019	The novel pesticide flupyradifurone (Sivanto) affects honeybee motor abilities.	Ecotoxicology (London, England), (2019 Mar 02) . Electronic Publication Date: 2 Mar 2019	EPA	#1; Chapter 2, p 2-45 (Figure 2-24)	
90	M-808418-01-1	Li, Zhiguo; Yu, Tiantian; Chen, Yanping; Heerman, Matthew; He, Jingfang; Huang, Jingnan; Nie, Hongyi; Su, Songkun	2019	Brain transcriptome of honey bees (Apis mellifera) exhibiting impaired olfactory learning induced by a sublethal dose of imidacloprid	Pesticide Biochemistry and Physiology (2019) Ahead of Print	EPA	#1; Appendix 2-2	
91A	M-110140-01-1	Bitterman, M. E.; Menzel, R.; Fietz, A.; Schaefer, S.; B	1983	Classical conditioning of proboscis extension in honeybees (Apis mellifera).	Journal of Comparative Psychology (1983), Volume 97, Number 2, pp. 107-119 ISSN: 0735-7036; 1939-2087 DOI: https://doi.org/10.1037/0735-7036.97.2.107 Published by: ,	EFSA	#10	

92A	M-515728-01-1	Mayer, D. F.; Lunden, J. D.; Husfloen, M. R.	1993	Bee poisoning hazard , Prosser, 1990-1991.	Burditt, A. K., Jr. [Editor]. Insecticide and Acaricide Tests, (1993) pp. 361. Insecticide and Acaricide Tests. Publisher: Entomological Society of America, 9301 Annapolis Road, Lanham, Maryland 20706, USA. Series: Insecticide and Acaricide Tests. ISSN: 0276-3656.	EFSA	#4	
93A	M-111548-01-1	Song, M	1997	Comparative Toxicity of Four Insecticides, Including Imidacloprid and Tebufenozide, To Four Aquatic Arthropods and the Influence of Salinity On Insecticide Induced Mortality On Two Euryhaline Arthropods	Dissertation Abstracts International Part B: Science and Engineering [Diss. Abst. Int. Pt. B - Sci. and Eng.]. Vol. 58, no. 4, p. 1654. Oct 1997.	EPA	#1; Appendix 2-2	
94A	M-554162-01-1	Mayer, D. F.; Lunden, J. D.	1997	Effects of imidacloprid insecticide on three bee pollinators.	Horticultural Science (1997), Volume 29, Number 1/2, pp. 93-97, Bc	EFSA	#4 #10	
95A	M-512367-01-1	El-Din, H. A. S.; Girgis, N. R.	1997	Susceptibility of honey bee workers , Apis mellifera L. to nine different insecticides.	Annals of Agricultural Science, Moshtohor (1997), Volume 35, Number 4, pp. 2571-2582, 14 refs. ISSN: 1110-0419 Published by: Faculty of Agriculture, Zagazig University, Moshtohor	EFSA	#4	
96A	M-116002-01-1	Ray, Steve; Ferneyhough, Ben	1999	Behavioral development and olfactory learning in the honeybee (Apis mellifera).	Developmental Psychobiology, (Jan., 1999) Vol. 34, No. 1, pp. 21-27. print.	EFSA	#10	
97A	M-351949-01-1	Decourtye, A.; Le Metayer, M.; Pottiau, H.; Tisseur, M.; Odoux, J. F.; Pham-Delegue, M. H.	2001	Impairment of olfactory learning performances in the honey bee after long term ingestion of imidacloprid.	Colloq. - Inst. Natl. Rech. Agron., Volume 98, Issue Hazards of Pesticides to Bees, Page 113-117, Publication Year 2001	EFSA	#4	
98A	M-510680-01-1	Guez, David; Suchail, Severine; Gauthier, Monique; Maleszka, Ryszard; Belzunces, Luc P.	2001	Contrasting Effects of imidacloprid on Habituation in 7- and 8-Day-Old Honeybees (Apis mellifera).	Neurobiol. Learn. Mem., Volume 76, Issue 2, Page 183-191, Publication Year 2001	EFSA	#4 #10	
99A	M-507913-01-1	Deglise, Patrice (Correspondence); Grunewald, Bernd; Gauthier, Monique	2002	Erratum: The insecticide imidacloprid is a partial agonist of the nicotinic receptor of honeybee Kenyon cells (Neuroscience Letters (2002) 321 (13-16) PII S0304394001024004).	Neuroscience Letters, (10 May 2002) Vol. 324, No. 1, pp. 86. ISSN: 0304-3940 CODEN: NELED5	EPA EFSA	#1 #4	
100A	M-075267-01-1	Deglise, Patrice; Grunewald, Bernd; Gauthier, Monique.	2002	The insecticide imidacloprid is a partial agonist of the nicotinic receptor of honeybee Kenyon cells.	Neurosci. Lett., Volume 321, Issue 1-2, Page 13-16, Publication Year 2002	EFSA	#4	
101A	M-508163-01-1	Bortolotti, Laura [Reprint Author]; Montanari, Rebecca; Marcelino, Jose; Medrzycki, Piotr; Maini, Stefano; Porrini, Claudio	2003	Effects of sub - lethal imidacloprid doses on the homing rate and foraging activity of honey bees .	Bulletin of Insectology, (June 2003) Vol. 56, No. 1, pp. 63-67. print. Meeting Info.: 8th International Symposium of the ICP-BR Bee Protection Group on Hazards of Pesticides to Bees. Bologna, Italy. September 04-06, 2002. ISSN: 1721-8861 (ISSN print).	EPA EFSA	#2 #3 #4	

102A	M-508162-01-1	Medrzycki, Piotr [Reprint Author]; Montanari, Rebecca; Bortolotti, Laura; Sabatini, Anna Gloria; Maini, Stefano; Porrini, Claudio	2003	Effects of imidacloprid administered in sub - lethal doses on honey bee behaviour . Laboratory tests.	Bulletin of Insectology, (June 2003) Vol. 56, No. 1, pp. 59-62. print. Meeting Info.: 8th International Symposium of the ICP-BR Bee Protection Group on Hazards of Pesticides to Bees. Bologna, Italy. September 04-06, 2002. ISSN: 1721-8861 (ISSN print).	EPA EFSA	#1 #3 #4	死亡を見ていない。被験物質は日本で登録されている製剤ではない。
103A	M-512363-01-1	Moise, A.; Marghitas, L. A.; Dezmirean, D.; Man, M.	2003	Research concerning the effect of imidacloprid on honey bees (Apis mellifera carpatica).	Buletinul Universitatii de Stiinte Agricole si Medicina Veterinara Cluj-Napoca, Seria Zootehnie si Biotehnologii (2003), Volume 59, pp. 184-187, 9 refs. ISSN: 1454-2382 Published by: University of Agricultural Sciences, Central Library (Exchanges), Cluj-Napoca	EFSA	#4	
104A	M-387669-01-1	Colin, M. E.; Bonmatin, J. M.; Moineau, I.; Gaimon, C.; Brun, S.; Vermandere, J. P.	2004	A Method to Quantify and Analyze the Foraging Activity of Honey Bees: Relevance to the Sublethal Effects Induced by Systemic Insecticides.	Arch. Environ. Contam. Toxicol., Volume 47, Issue 3, Page 387-395, Publication Year 2004	EFSA	#3 #4	
105A	M-508165-01-1	Decourtye, Axel; Armengaud, Catherine; Renou, Michel; Devillers, James; Cluzeau, Sophie; Gauthier, Monique; Pham-Delegue, Minh-Ha.	2004	Imidacloprid impairs memory and brain metabolism in the honeybee (Apis mellifera L.).	Pestic. Biochem. Physiol., Volume 78, Issue 2, Page 83-92, Publication Year 2004	EFSA	#3 #4	
106A	M-490540-01-1	Singh, Neetu; Karnatak, A. K.	2005	Relative toxicity of some insecticides to the workers of Apis mellifera L.	Shashpa, Volume 12, Issue 1, Page 23-25, Publication Year 2005	EPA EFSA	#2 #4	#2でinvalidとされている。
107A	M-508278-01-1	Barbara, Guillaume Stephane; Zube, Christina; Rybak, Juergen; Gauthier, Monique; Gruenewald, Bernd [Reprint Author]	2005	Acetylcholine, GABA and glutamate induce ionic currents in cultured antennal lobe neurons of the honeybee , Apis mellifera.	Journal of Comparative Physiology A Neuroethology Sensory Neural and Behavioral Physiology, (SEP 2005) Vol. 191, No. 9, pp. 823-836.	EFSA	#3 #4	
108	M-508899-01-1	Williamson, Sally M.; Willis, Sarah J.; Wright, Geraldine A.	2014	Exposure to neonicotinoids influences the motor function of adult worker honeybees	Ecotoxicology (2014) Ahead of Print	EFSA	#3; Appendix C, p 348-350	日本の評価に用いられるエンドポイントは得られていない。
109A	M-515744-01-1	Mayer, D. F.; Lunden, J. D.	1994	Effects of the adjuvant Sylgard 309 on the hazard of selected insecticides to honey bees .	Bee Science (1994), Volume 3, Number 3, pp. 135-138, Bc	EFSA	#3 #4	展着剤加用によるミツバチ死亡への影響を見ているが、ミツバチへの暴露量が不明
110A	M-836453-01-1	Armengaud, C.; Causse, N.; Ait-Oubah, J.; Ginolhac, A.; Gauthier, M.	2000	Functional cytochrome oxidase histochemistry in the honeybee brain.	Brain Res., Volume 859, Issue 2, Page 390-393, Publication Year 2000	EFSA	#4	
111A	M-110571-01-1	Nauen, Ralf; Ebbinghaus-Kintscher, Ulrich; Schmuck, Richard	2001	Toxicity and nicotinic acetylcholine receptor interaction of imidacloprid and its metabolites in Apis mellifera (Hymenoptera: Apidae)	Pest Management Science (2001), 57(7), 577-586	EPA EFSA	#1 #3 #4 #10	
112A	M-508277-01-1	Armengaud, C.; Lambin, M.; Gauthier, M.	2002	Effects of imidacloprid on the neural processes of memory in honey bees.	Honey Bees: Estim. Environ. Impact Chem., Page 85-100, Publication Year 2002	EFSA	#3 #4	

113A	M-329663-01-1	Schmuck, R.; Nauen, R.; Ebbinghaus-Kintscher, U. Editor(S): Porrini, C.; Bortolotti, L.	2003	Effects of imidacloprid and common plant metabolites of imidacloprid in the honeybee: toxicological and biochemical considerations.	Bulletin of Insectology (2003) Volume 56, Number 1, pp. 27-34, 33 refs. ISSN: 1721-8861 Published by: Department of Agroenvironmental Sciences and Technologies, Bologna Conference: Proceedings of the 8th International Symposium of the ICP-BR Bee Protection Group: Hazards of Pesticides to Bees, held in Bologna, Italy, September 4-6, 2002.	EPA EFSA	#2 #4	毒性データは他の試験データを引用しており、primary dataではない
114A	M-460897-01-1	Ramirez-Romero, Ricardo; Chaufaux, Josette; Pham-Delegue, Minh-Ha.	2005	Effects of Cry1Ab protoxin, deltamethrin and imidacloprid on the foraging activity and the learning performances of the honeybee Apis mellifera, a comparative approach.	Apidologie, Volume 36, Issue 4, Page 601-611, Publication Year 2005	EPA EFSA	#1 #2 #4	
115	M-490569-01-1	Belien, T. (Correspondence); Kellers, J.; Heylen, K.; Keulemans, W.; Billen, J.; Arckens, L.; Huybrechts, R.; Gobin, B.	2009	Effects of sublethal doses of crop protection agents on honey bee (Apis mellifera) global colony vitality and its potential link with aberrant foraging activity..	Communications in agricultural and applied biological sciences, (2009) Vol. 74, No. 1, pp. 245-253. ISSN: 1379-1176	EPA EFSA	#2; Appendix A, p 2 #3; Appendix C, p 30 #4; p 91, 547-548	#2でinvalidとされている。
116	M-508890-01-1	Lu, Chensheng [Reprint Author]; Warchol, Kenneth M.; Callahan, Richard A.	2014	Sub-lethal exposure to neonicotinoids impaired honey bees winterization before proceeding to colony collapse disorder.	Bulletin of Insectology, (JUN 2014) Vol. 67, No. 1, pp. 125-130. ISSN: 1721-8861.	EFSA	#3; Appendix C, p 55	スクロース溶液を13週にわたり投与し、蜂群への影響を調査。対照群との比較により投与の影響が認められているが、処理群は1濃度のみのため、無影響濃度が得られていない。測定しているエンドポイントはハチを有する巣板数、コロニー死亡であり、限定的。
117A	M-387723-01-1	Faucon, Jean-Paul; Aurieres, Clement; Drajnudel, Patrick; Mathieu, Laeticia; Ribiere, Magali; Martel, Anne-Claire; Zeggane, Sarah; Chauzat, Marie-Pierre; Aubert, Michel F. A.	2005	Experimental study on the toxicity of imidacloprid given in syrup to honey bee (Apis mellifera) colonies.	Pest Manage. Sci., Volume 61, Issue 2, Page 111-125, Publication Year 2005	EPA EFSA	#1 #2 #3 #4	
118	M-552406-01-1	Abbo, Pendo M.; Kawasaki, Joshua K.; Hamilton, Michele; Cook, Steven C.; Degrandi-Hoffman, Gloria; Li, Wen Feng; Liu, Jie; Chen, Yan Ping	2017	Effects of Imidacloprid and Varroa destructor on survival and health of European honey bees, Apis mellifera	Insect Science (2017), 24(3), 467-477	EPA	#1; Appendix 2-2	
119	M-809300-01-1	Colin, Theotime; Meikle, William G.; Paten, Amy M.; Barron, Andrew B.	2019	Long-term dynamics of honey bee colonies following exposure to chemical stress	Science of the Total Environment (2019), 677, 660-670	EPA	#1; Appendix 2-2	
120	M-808773-01-1	Nguyen B K; Saegerman C; Pirard C; Mignon J; Widart J; Thirionet B; Verheggen F J; Berkvens D; De Pauw E; Haubruge E	2009	Does imidacloprid seed-treated maize have an impact on honey bee mortality?.	Journal of economic entomology, (2009 Apr) Vol. 102, No. 2, pp. 616-23.	EFSA	#4; p 22, 33, 91, 340, 546	

121	M-508168-01-1	Dupuis, Julien Pierre; Gauthier, Monique; Raymond-Delpech, Valerie.	2011	Expression patterns of nicotinic subunits 2, 7, 8, and 1 affect the kinetics and pharmacology of ACh-induced currents in adult bee olfactory neuropiles.	J. Neurophysiol., Volume 106, Issue 4, Page 1604-1613, Publication Year 2011	EFSA	#4; p 87, 520	
122	M-508275-01-1	Pohorecka, Krystyna; Skubida, Piotr; Semkiw, Piotr; Miszczak, Artur; Teper, Dariusz; Sikorski, Piotr; Zagibajlo, Katarzyna; Skubida, Marta; Zdanska, Dagmara; Bober, Andrzej	2013	Effects of exposure of honey bee colonies to neonicotinoid seed-treated maize crops	Journal of Apicultural Science (2013), 57(2), 199-208	EPA EFSA	#1; Appendix 2-2 #2; p 193 #3; Appendix C, p 238 #4; p 32, 83, 276, 493-494	
123	M-510454-01-1	Tan, Ken; Chen, Weiwen; Dong, Shihao; Liu, Xiwen; Wang, Yuchong; Nieh, James C.	2014	Imidacloprid alters foraging and decreases bee avoidance of predators	PLoS One (2014), 9(7), e102725/1-e102725/8, 8 pp.	EPA EFSA	#1; Appendix 2-2 #2; p 160 #3; Appendix C, p 324-325	
124	M-553953-01-1	Dively Galen P; Embrey Michael S; Kamel Alaa; Hawthorne David J; Pettis Jeffery S	2015	Correction: Assessment of Chronic Sublethal Effects of Imidacloprid on Honey Bee Colony Health.	PloS one, (2015) Vol. 10, No. 4, pp. e0126043. Electronic Publication Date: 24 Apr 2015	EPA EFSA	#2; p 165, 168-171 #3; Appendix C, p 85	
125	M-566553-01-1	Wu-Smart, Judy; Spivak, Marla	2016	Sub - lethal effects of dietary neonicotinoid insecticide exposure on honey bee queen fecundity and colony development	Scientific Reports (2016), 6, 32108	EPA	#1; Appendix 2-2 #2; p 167, 169-170	
126	M-585154-01-1	Meikle, William G.; Adamczyk, John J.; Weiss, Milagra; Gregorc, Ales; Johnson, Don R.; Stewart, Scott D.; Zawislak, Jon; Carroll, Mark J.; Lorenz, Gus M.	2016	Sublethal effects of imidacloprid on honey bee colony growth and activity at three sites in the U.S..	PLoS ONE, (December 2016) Vol. 11, No. 12. arn. e0168603. Refs: 35 E-ISSN: 1932-6203 CODEN: POLNCL	EPA	#1; Appendix 2-2 #2; p 166, 169	
127	M-809257-01-1	Colin, Theotime; Plath, Jenny A.; Klein, Simon; Vine, Peta; Devaud, Jean-Marc; Lihoreau, Mathieu; Meikle, William G.; Barron, Andrew B.	2020	The miticide thymol in combination with trace levels of the neonicotinoid imidacloprid reduces visual learning performance in honey bees (Apis mellifera)	Apidologie (2020) Ahead of Print	EPA	#1; Appendix 2-2	
128A	M-388238-01-1	Stadler, Teodoro [Reprint Author]; Martinez Gines, Dolores; Buteler, Micaela	2003	Long-term toxicity assessment of imidacloprid to evaluate side effects on honey bees exposed to treated sunflower in Argentina.	Bulletin of Insectology, (June 2003) Vol. 56, No. 1, pp. 77-81. print. Meeting Info.: 8th International Symposium of the ICP-BR Bee Protection Group on Hazards of Pesticides to Bees. Bologna, Italy. September 04-06, 2002. ISSN: 1721-8861 (ISSN print).	EPA EFSA	#1 #2 #3 #4	
129	M-490571-01-1	Karnatak, A. K.; Thorat, Pradip V.	2006	Effect of insecticidal micro-environment on the honey bee, Apis mellifera in Brassica napus.	Journal of Applied Bioscience, (JUN 2006) Vol. 32, No. 1, pp. 93-94.	EFSA	#4; p 93, 560	
130	M-508176-01-1	Barbara, Guillaume Stephane; Gruenewald, Bernd; Paute, Sandrine; Gauthier, Monique; Raymond-Delpech, Valerie.	2008	Study of nicotinic acetylcholine receptors on cultured antennal lobe neurons from adult honeybee brains.	Invertebr. Neurosci., Volume 8, Issue 1, Page 19-29, Publication Year 2008	EFSA	#3; Appendix C, p 26 #4; p 92, 557	

131	M-337550-01-1	Yang, E. C.; Chuang, Y. C.; Chen, Y. L.; Chang, L. H.	2008	Abnormal foraging behavior induced by sublethal dosage of imidacloprid in the honey bee (Hymenoptera: Apidae)	Journal of Economic Entomology (2008), 101(6), 1743-1748	EFSA	#3; Appendix C, p 357 #4; p 22, 92, 221, 225, 550	
132	M-508123-01-1	Smodis Skerl, Maja Ivana; Gregorc, Ales.	2009	Heat shock proteins and cell death in situ localization in hypopharyngeal glands of honeybee (Apis mellifera carnica) workers after imidacloprid or coumaphos treatment.	Apidologie, Volume 41, Issue 1, Page 73-86, Publication Year 2009	EFSA	#3; Appendix C, p 303-304	
133	M-510890-01-1	Choudhary, A.; Sharma, D. C.; Badiyala, A.	2009	Relative safety of some pesticides against honey bees, Apis cerana cerana Fab. and Apis mellifera L. on mustard (Brassica juncea L. Czern).	Pestic. Res. J., Volume 21, Issue 1, Page 67-70, Publication Year 2009	EFSA	#3; Appendix C, p 57-58 #4; p 91, 543-546	
134	M-508280-01-1	Dussaubat, Claudia; Maisonnasse, Alban; Alaux, Cedric; Tchamitchan, Sylvie; Brunet, Jean-Luc; Plettner, Erika; Belzunces, Luc P.; Le Conte, Yves	2010	Nosema spp. Infection Alters Pheromone Production in Honey Bees (Apis mellifera)	Journal of Chemical Ecology (2010), 36(5), 522-525	EPA EFSA	#1; Appendix 2-2 #4; p 89, 531	日本の評価に用いられるエンドポイントは得られていない。
135	M-510715-01-1	Han, Peng; Niu, Chang-Ying; Lei, Chao-Liang; Cui, Jin-Jie; Desneux, Nicolas.	2010	Quantification of toxins in a Cry1Ac + CpTI cotton cultivar and its potential effects on the honey bee Apis mellifera L.	Ecotoxicology, Volume 19, Issue 8, Page 1452-1459, Publication Year 2010	EFSA	#4; p 88, 528	
136	M-510694-01-1	Niu, Chang-Ying (Reprint) Han, Peng; Niu, Chang-Ying (Reprint); Lei, Chao-Liang Cui, Jin-Jie Desneux, Nicolas	2010	Use of an innovative T-tube maze assay and the proboscis extension response assay to assess sublethal effects of GM products and pesticides on learning capacity of the honey bee Apis mellifera L.	ECOTOXICOLOGY, (NOV 2010) Vol. 19, No. 8, pp. 1612-1619. ISSN: 0963-9292.	EFSA	#4; p 88, 528-529	
137	M-510712-01-1	Girolami, V.; Marzaro, M.; Vivan, L.; Mazzon, L.; Greatti, M.; Giorio, C.; Marton, D.; Tapparo, A.	2011	Fatal powdering of bees in flight with particulates of neonicotinoids seed coating and humidity implication	Journal of Applied Entomology (Feb 2012) Volume 136, Number 1-2, pp. 17-26, 41 refs. CODEN: JOAEEB ISSN: 0931-2048 E-ISSN: 1439-0418 DOI: 10.1111/j.1439-0418.2011.01648.x Published by: Blackwell Publishing Ltd, 9600 Garsington Road, Oxford, OX4 2XG (GB)	EFSA	#3; Appendix C, p 110 #4; p 32, 86, 294, 514-515	
138	M-405515-01-1	Heylen, Kevin; Gobin, Bruno; Arckens, Lutgarde; Huybrechts, Roger; Billen, Johan.	2011	The effects of four crop protection products on the morphology and ultrastructure of the hypopharyngeal gland of the European honeybee, Apis mellifera.	Apidologie, Volume 42, Issue 1, Page 103-116, Publication Year 2011	EFSA	#3; Appendix C, p 140 #4; p 88, 528	
139	M-508166-01-1	Gregorc, Ales; Ellis, James D.	2011	Cell death localization in situ in laboratory reared honey bee (Apis mellifera L.) larvae treated with pesticides.	Pestic. Biochem. Physiol., Volume 99, Issue 2, Page 200-207, Publication Year 2011	EFSA	#4; p 87, 525	

140	M-508281-01-1	Anoop Kumar; Ram Singh; Kumar, A.; Singh, R.	2012	Effect of biopesticides and insecticides on aphid population, bee visits and yield of mustard.	Annals of Plant Protection Sciences (2012), Volume 20, Number 1, pp. 206-209, 4 refs. ISSN: 0971-3573 Published by: Society of Plant Protection Sciences, New Delhi	EFSA	#3; Appendix C, p 19 #4; p 86, 519	訪花への影響であり、評価に用いることが可能なエンドポイントは報告されていない。
141	M-508164-01-1	Johnson, Reed M.; Mao, Wenfu; Pollock, Henry S.; Niu, Guodong; Schuler, Mary A.; Berenbaum, May R.	2012	Ecologically appropriate xenobiotics induce cytochrome P450s in Apis mellifera.	PLoS One, Volume 7, Issue 2, Page e31051, Publication Year 2012	EFSA	#4; p 85, 513	
142	M-508374-01-1	Lu, Chensheng [Reprint Author]; Warchol, Kenneth M.; Callahan, Richard A.	2012	In situ replication of honey bee colony collapse disorder.	Bulletin of Insectology, (JUN 2012) Vol. 65, No. 1, pp. 99-106. ISSN: 1721-8861.	EFSA	#3; Appendix C, p 191	日本の評価に用いられるエンドポイントは得られていない。
143	M-508178-01-1	Pettis, Jeffery S.; Van Engelsdorp, Dennis; Johnson, Josephine; Dively, Galen	2012	Pesticide exposure in honey bees results in increased levels of the gut pathogen Nosema	Naturwissenschaften (2012), 99(2), 153-158	EFSA	#3; Appendix C, p 220 #4; p 86, 513	イミダクロプリドによるノゼマ感染性を調べており、評価に用いられるエンドポイントは得られていない。
144	M-510702-02-1	Gill, Richard J.; Ramos-Rodriguez, Oscar; Raine, Nigel E.	2012	Combined pesticide exposure severely affects individual- and colony-level traits in bees.	Nature (London, U. K.), Volume 491, Issue 7422, Page 105-108, Publication Year 2012	EPA EFSA	#2; p 174, 304 #3; Appendix C, p 109 #4; p 84, 500-502	
145	M-508171-01-1	Gregorc, Ales; Evans, Jay D.; Scharf, Mike; Ellis, James D.	2012	Gene expression in honey bee (Apis mellifera) larvae exposed to pesticides and Varroa mites (Varroa destructor).	J. Insect Physiol., Volume 58, Issue 8, Page 1042-1049, Publication Year 2012	EFSA	#4; p 84, 504	
146	M-508180-01-1	Teeters, Bethany S.; Johnson, Reed M.; Ellis, Marion D.; Siegfried, Blair D.	2012	Using video-tracking to assess sublethal effects of pesticides on honey bees (Apis mellifera L.)	Environmental Toxicology and Chemistry (2012), 31(6), 1349-1354	EFSA	#3; Appendix C, p 328 #4; p 85, 508-509	
147	M-429671-01-1	Schneider, Christof W.; Tautz, Juergen; Gruenewald, Bernd; Fuchs, Stefan.	2012	RFID tracking of sublethal effects of two neonicotinoid insecticides on the foraging behavior of Apis mellifera.	PLoS One, Volume 7, Issue 1, Page e30023, Publication Year 2012	EPA EFSA	#1; Appendix 2-2 #2; p 161 #3; Appendix C, p 287 #4; p 86, 515-518	
148	M-515827-01-1	Tapparo, Andrea; Marton, Daniele; Giorio, Chiara; Zanella, Alessandro; Solda, Lidia; Marzaro, Matteo; Vivan, Linda; Girolami, Vincenzo	2012	Assessment of the Environmental Exposure of Honeybees to Particulate Matter Containing Neonicotinoid Insecticides Coming from Corn Coated Seeds	Environmental Science and Technology (2012), 46(5), 2592-2599	EPA EFSA	#2; p 324 #3; Appendix C, p 325-326 #4; p 32, 87, 291-293	
149	M-510720-01-1	Palmer, Mary J.; Moffat, Christopher; Saranzewa, Nastja; Harvey, Jenni; Wright, Geraldine A.; Connolly, Christopher N.	2013	Cholinergic pesticides cause mushroom body neuronal inactivation in honeybees.	Nat. Commun., Volume 4, Issue March, Page ncomms2648, 8 pp., Publication Year 2013	EFSA	#3; Appendix C, p 213-214 #4; p 83, 491	
150	M-510719-01-1	Hatjina, Fani; Papaefthimiou, Chrisovalantis; Charistos, Leonidas; Dogaroglu, Taylan; Bouga, Maria; Emmanouil, Christina; Arnold, Gerard.	2013	Sublethal doses of imidacloprid decreased size of hypopharyngeal glands and respiratory rhythm of honeybees in vivo.	Apidologie, Volume 44, Issue 4, Page 467-480, Publication Year 2013	EFSA	#3; Appendix C, p 128 #4; p 82, 484-485	日本の評価に用いられるエンドポイントは得られていない。

151	M-508181-01-1	Rossi, Caroline De Almeida; Roat, Thaisa Cristina; Tavares, Daiana Antonia; Cintra-Socolowski, Priscila; Malaspina, Osmar.	2013	Effects of sublethal doses of acetamiprid and thiamethoxam on the behavior of the honeybee (Apis mellifera)	Microsc. Res. Tech., Volume 76, Issue 5, Page 552-558, Publication Year 2013	EFSA	#4; p 82, 490-491	
152	M-510713-01-1	Williamson, Sally M.; Wright, Geraldine A.	2013	Exposure to multiple cholinergic pesticides impairs olfactory learning and memory in honeybees.	J. Exp. Biol., Volume 216, Issue 10, Page 1799-1807, Publication Year 2013	EFSA	#3; Appendix C, p 350 #4; p 82, 489-490	日本の評価に用いられるエンドポイントは得られていない。
153	M-508183-01-1	Carrillo, Marcela Pedraza; Bovi, Thais De Souza; Negrao, Adriana Fava; Orsi, Ricardo De Oliveira [Reprint Author]	2013	Influence of agrochemicals fipronil and imidacloprid on the learning behavior of Apis mellifera L. honeybees .	Acta Scientiarum Animal Sciences, (OCT-DEC 2013) Vol. 35, No. 4, pp. 431-434. ISSN: 1807-8672. E-ISSN: 1807-8672.	EPA EFSA	#1; Chapter 2, p 2-45 (Figure 2-24) #2; Appendix A, p 2 #3; Appendix C, p 48-49 #4; p 81, 477-478	#2でinvalidとされている。投与後の観察時間が最長120分と短く、イミダクロプリドの毒性が評価できるとは考えられない。
154	M-512372-01-1	Nicodemo, Daniel; Maioli, Marcos A.; Medeiros, Hyllana C. D.; Guelfi, Marieli; Balieira, Kamila V. B.; De Jong, David; Mingatto, Fabio E.	2014	Fipronil and imidacloprid reduce honeybee mitochondrial activity	Environmental Toxicology and Chemistry (2014), 33(9), 2070-2075	EPA EFSA	#1; Appendix 2-2 #3; Appendix C, p 210	日本の評価に用いられるエンドポイントは得られていない。
155	M-514482-01-1	Sharma, Devinder; Abrol, D. P.	2014	Effect of insecticides on foraging behaviour and pollination role of Apis mellifera L. (Hymenoptera: Apidae) on toria (Brassica campestris var. toria) crop.	Egyptian Journal of Biology, (2014) Vol. 16, pp. 79-86. ISSN: 1110-6859. E-ISSN: 1110-6859.	EFSA	#3; Appendix C, p 298-299	
156	M-510734-01-1	Aufauvre, Julie; Misme-Aucouturier, Barbara; Vigues, Bernard; Texier, Catherine; Delbac, Frederic; Blot, Nicolas	2014	Transcriptome analyses of the honeybee response to Nosema ceranae and insecticides	PLoS One (2014), 9(3), e91686/1-e91686/12, 12 pp.	EFSA	#3; Appendix C, p 21 #4; p 79, 463	
157	M-485110-01-1	Fischer, Johannes; Mueller, Teresa; Spatz, Anne-Kathrin; Greggers, Uwe; Gruenewald, Bernd; Menzel, Randolf [Reprint Author]	2014	Neonicotinoids Interfere with Specific Components of Navigation in Honeybees.	PLoS One, (MAR 19 2014) Vol. 9, No. 3, pp. Article No.: e91364. ISSN: 1932-6203. E-ISSN: 1932-6203.	EFSA	#3; Appendix C, p 99 #4; p 79, 464	
158	M-545800-01-1	Blanken Lisa J; Van Langevelde Frank; Van Dooremalen Coby	2015	Interaction between Varroa destructor and imidacloprid reduces flight capacity of honeybees .	Proceedings. Biological sciences / The Royal Society, (2015 Dec 7) Vol. 282, No. 1820.	EPA EFSA	#1; Appendix 2-2 #3; Appendix C, p 35	日本の評価に用いることが可能なエンドポイントは報告されていない。ヘギイタダニ感染下での飛行への影響。
159	M-553331-01-1	Wu, Yan-Yan; Zhou, Ting [Reprint Author]; Wang, Qiang; Dai, Ping-Li; Xu, Shu-Fa; Jia, Hui-Ru; Wang, Xing	2015	Programmed Cell Death in the Honey Bee (Apis mellifera) (Hymenoptera: Apidae) Worker Brain Induced by Imidacloprid .	Journal of Economic Entomology, (AUG 2015) Vol. 108, No. 4, pp. 1486-1494.	EPA EFSA	#1; Appendix 2-2 #3; Appendix C, p 354	日本の評価に用いられるエンドポイントは得られていない。
160	M-552994-01-1	Koo, Jinmo; Son, Tae-Gwon; Kim, Soo-Yeon; Lee, Kyeong-Yeoll	2015	Differential responses of Apis mellifera heat shock protein genes to heat shock, flower-thinning formulations, and imidacloprid	Journal of Asia-Pacific Entomology (2015) Ahead of Print	EPA	#1; Appendix 2-2	熱ショックタンパクの誘導であり、評価に用いることが可能なエンドポイントは報告されていない。

161	M-544416-01-1	Karahan, Ahmed; Cakmak, Ibrahim; Hranitz, John M.; Karaca, Ismail; Wells, Harrington	2015	Sublethal imidacloprid effects on honey bee flower choices when foraging	Ecotoxicology (2015) Ahead of Print	EPA	#1; Appendix 2-2	訪花への影響であり、評価に用いることが可能なエンドポイントは報告されていない。
162	M-530773-01-1	Kessler Sebastien C; Tiedeken Erin Jo; Simcock Kerry L; Derveau Sophie; Mitchell Jessica; Softley Samantha; Stout Jane C; Wright Geraldine A	2015	Bees prefer foods containing neonicotinoid pesticides.	Nature, (2015 Apr 22) . Electronic Publication Date: 22 Apr 2015	EFSA	#3; Appendix C, p 162-163	日本の評価に用いられるエンドポイントは得られていない。
163	M-553330-01-1	Slowinska, Mariola; Nynca, Joanna; Wilde, Jerzy; Bak, Beata; Siuda, Maciej; Ciereszko, Andrzej	2015	Total antioxidant capacity of honeybee haemolymph in relation to age and exposure to pesticide, and comparison to antioxidant capacity of seminal plasma	Apidologie (2015) Ahead of Print	EPA	#1; Appendix 2-2	日本の評価に用いられるエンドポイントは得られていない。
164	M-553333-01-1	Chaimanee, Veeranan; Evans, Jay D.; Chen, Yanping; Jackson, Caitlin; Pettis, Jeffery S.	2016	Sperm viability and gene expression in honey bee queens (Apis mellifera) following exposure to the neonicotinoid insecticide imidacloprid and the organophosphate acaricide coumaphos	Journal of Insect Physiology (2016), 89, 1-8	EPA EFSA	#1; Appendix 2-2 #3; Appendix C, p 52	日本の評価に用いられるエンドポイントは得られていない。
165	M-547700-01-1	Peng Yi-Chan; Yang En-Cheng	2016	Sublethal Dosage of Imidacloprid Reduces the Microglomerular Density of Honey Bee Mushroom Bodies.	Scientific reports, (2016) Vol. 6, pp. 19298. Electronic Publication Date: 13 Jan 2016	EPA	#1; Appendix 2-2	日本の評価に用いられるエンドポイントは得られていない。
166	M-810767-01-1	Ciereszko, Andrzej; Wilde, Jerzy; Dietrich, Grzegorz J.; Siuda, Maciej; Bak, Beata; Judycka, Sylwia; Karol, Halina	2016	Sperm parameters of honeybee drones exposed to imidacloprid	Apidologie (2016) Ahead of Print	EPA	#1; Appendix 2-2	
167	M-811623-01-1	Wilde, Jerzy; Fraczek, Regina J.; Siuda, Maciej; Bak, Beata; Hatjina, Fani; Miszczak, Artur Wilde, Jerzy; Bak, Beata Fraczek, Regina J. Hatjina, Fani Miszczak, Artur	2016	The influence of sublethal doses of imidacloprid on protein content and proteolytic activity in honey bees (Apis mellifera L.)	JOURNAL OF APICULTURAL RESEARCH, (2016) Vol. 55, No. 2, pp. 212-220. ISSN: 0021-8839.	EPA	#1; Appendix 2-2	日本の評価に用いられるエンドポイントは得られていない。
168	M-553332-01-1	Christen, Verena; Mittner, Fabian; Fent, Karl	2016	Molecular Effects of Neonicotinoids in Honey Bees (Apis mellifera)	Environmental Science and Technology (2016) Ahead of Print	EFSA	#3; Appendix C, p 58	
169	M-560818-01-1	Wegener, Jakob; Ruhnke, Haike; Milchreit, Kathrin; Kleebaum, Katharina; Franke, Monique; Mispagel, Sebastian; Bischoff, Gabriela; Kamp, Guenter; Bienefeld, Kaspar	2016	Secondary biomarkers of insecticide-induced stress of honey bee colonies and their relevance for overwintering strength	Ecotoxicology and Environmental Safety (2016), 132, 379-389	EPA	#1; Appendix 2-2 #2; p 166, 169	
170	M-811683-01-1	De Smet Lina; Hatjina Fani; Ioannidis Pavlos; Hamamtzoglou Anna; Schoonvaere Karel; Francis Frederic; Meeus Ivan; Smagghe Guy; De Graaf Dirk C	2017	Stress indicator gene expression profiles, colony dynamics and tissue development of honey bees exposed to sub - lethal doses of imidacloprid in laboratory and field experiments.	PloS one, (2017) Vol. 12, No. 2, pp. e0171529. Electronic Publication Date: 9 Feb 2017	EPA	#1; Appendix 2-2	日本の評価に用いられるエンドポイントは得られていない。
171	M-811686-01-1	Wu Yan-Yan; Luo Qi-Hua; Hou Chun-Sheng; Wang Qiang; Dai Ping-Li; Gao Jing; Liu Yong-Jun; Diao Qing-Yun	2017	Sublethal effects of imidacloprid on targeting muscle and ribosomal protein related genes in the honey bee Apis mellifera L.	Scientific reports, (2017 Nov 21) Vol. 7, No. 1, pp. 15943. Electronic Publication Date: 21 Nov 2017	EPA	#1; Appendix 2-2	日本の評価に用いられるエンドポイントは得られていない。

172	M-811680-01-1	Alburaki, Mohamed; Steckel, Sandra J.; Chen, Deniz; Mcdermott, Erin; Weiss, Milagra; Skinner, John A.; Kelly, Heather; Lorenz, Gus; Tarpy, David R.; Meikle, William G.; Adamczyk, John; Stewart, Scott D.	2017	Landscape and pesticide effects on honey bees : forager survival and expression of acetylcholinesterase and brain oxidative genes	Apidologie (2017) Ahead of Print	EPA	#1; Appendix 2-2	日本の評価に用いられるエンドポイントは得られていない。
173	M-811685-01-1	Balieira, Kamila Vilas Boas; Mazzo, Meiriele; Bizerra, Paulo Francisco Veiga; Guimaraes, Anilda Rufino De Jesus Santos; Nicodemo, Daniel; Mingatto, Fabio Erminio	2018	Imidacloprid -induced oxidative stress in honey bees and the antioxidant action of caffeine	Apidologie (2018) Ahead of Print	EPA	#1; Appendix 2-2	
174	M-811679-01-1	Nicodemo, Daniel; De Jong, David; Reis, Leriana Garcia; Volpini De Almeida, Joyce Mayra; Dos Santos, Anderson Augusto; Manzani Lisboa, Lucas Aparecido Nicodemo, Daniel; Manzani Lisboa, Lucas Aparecido De Jong, David Volpini De Almeida, Joyce Mayra	2018	Transgenic corn decreased total and key storage and lipid transport protein levels in honey bee hemolymph while seed treatment with imidacloprid reduced lipophorin levels	JOURNAL OF APICULTURAL RESEARCH, (2018) Vol. 57, No. 2, pp. 321-328. ISSN: 0021-8839.	EPA	#1; Appendix 2-2	日本の評価に用いられるエンドポイントは得られていない。
175	M-811687-01-1	Tesovnik, T.; Zorc, M.; Gregorc, A.; Rinehart, T.; Adamczyk, J.; Narat, M.	2019	Immune gene expression in developing honey bees (Apis mellifera L.) simultaneously exposed to imidacloprid and Varroa destructor in laboratory conditions.	Journal of Apicultural Research (2019) , Volume 58, Number 5, pp. 730-739, 59 refs. ISSN: 0021-8839 DOI: 10.1080/00218839.2019.1634463 Published by: Taylor and Francis, Abingdon	EPA	#1; Appendix 2-2	
176	M-809299-01-1	Colin, Theotime; Meikle, William G.; Wu, Xiaobo; Barron, Andrew B.	2019	Traces of a Neonicotinoid Induce Precocious Foraging and Reduce Foraging Performance in Honey Bees	Environmental Science and Technology (2019), 53(14), 8252-8261	EPA	#1; Appendix 2-2	
177	M-809289-01-1	Alburaki Mohamed; Karim Shahid; Lamour Kurt; Adamczyk John; Stewart Scott D	2019	RNA-seq reveals disruption of gene regulation when honey bees are caged and deprived of hive conditions.	The Journal of experimental biology, (2019 Sep 18) Vol. 222, No. Pt 18. Electronic Publication Date: 18 Sep 2019	EPA	#1; Chapter 2, p 2-45 (Figure 2-24)	
178	M-804898-01-1	Zhang, Zu Yun; Li, Zhen; Huang, Qiang; Yan, Wei Yu; Zhang, Li Zhen; Zeng, Zhi Jiang	2020	Honeybees (Apis mellifera) modulate dance communication in response to pollution by imidacloprid	Journal of Asia-Pacific Entomology (1 Jun 2020) Volume 23, Number 2, pp. 477-482, 61 refs. ISSN 1226-8615 DOI: 10.1016/j.aspen.2020.03.011 Published by: Elsevier B.V.,	EPA	#1; Appendix 2-2	
179	M-809253-01-1	Tome, Hudson V. V.; Schmehl, Daniel R.; Wedde, Ashlyn E.; Godoy, Raquel S. M.; Ravaiano, Samira V.; Guedes, Raul N. C.; Martins, Gustavo F.; Ellis, James D.	2020	Frequently encountered pesticides can cause multiple disorders in developing worker honey bees	Environmental Pollution (Oxford, United Kingdom) (2020), 256, 113420	EPA	#1; Appendix 2-2	
180	M-811689-01-1	Paleolog, Jerzy; Wilde, Jerzy; Siuda, Maciej; Bak, Beata; Wojcik, Lukasz; Strachecka, Aneta	2020	Imidacloprid markedly affects hemolymph proteolysis, biomarkers, DNA global methylation, and the cuticle proteolytic layer in western honeybees	Apidologie (2020) Ahead of Print	EPA	#1; Appendix 2-2	日本の評価に用いられるエンドポイントは得られていない。
181A	M-515743-01-1	Mayer, D. F.; Patten, K. D.; Macfarlane, R. P.; Shanks, C. H.	1994	Differences between susceptibility of four pollinator species (Hymenoptera: Apoidea) to field weathered insecticide residues .	Melanderia (1994), Volume 50, pp. 24-27, Bj	EFSA	#4 #10	

182A	M-836452-01-1	Stark, John D.; Jepson, Paul C.; Mayer, Daniel F.	1995	Limitations to use of topical toxicity data for predictions of pesticide side effects in the field.	J. Econ. Entomol., Volume 88, Issue 5, Page 1081-8, Publication Year 1995	EFSA	#3 #4	
183A	M-512360-01-1	Ambolet, B.; Crevat, J. F.; Schmidt, H. W.	1997	Research on secondary effects of seed treatment with imidacloprid on the behaviour of honey bees on flowers of sunflower. Recherche deventuels effets secondaires dun traitement de semences a base dimidaclopride sur le comportement des abeilles domestiques sur les fleurs de tournesol.	ANPP-4 eme Conference internationale sur les ravageurs en agriculture, Montpellier 6-8 Janvier 1997. (1997), pp. 103-110, Bc ISBN: 2-905550-71-6 Published by: Association Nationale pour la Protection des Plantes (ANPP), Paris Conference: ANPP-4 eme Conference internationale sur les ravageurs en agriculture, Montpellier 6-8 Janvier 1997.	EPA EFSA	#2 #3 #4	#2でinvalidとされている。
184A	M-510455-01-1	Hernandez, D.; Mansanet, V.; Puiggros Jove, J. M.	1999	Use of Confidor 200 SL in vegetable cultivation in Spain.	Pflanzenschutz-Nachr. Bayer (Ger. Ed.), Volume 52, Issue 3, Page 374-385, Publication Year 1999	EFSA	#4	
185A	M-512361-01-1	Ambolet, B.; Crevat, J. F.; Cure, G.; Schmuck, R.; Vincinaux, C.	1999	Influence under field condition of imidacloprid on honeybees . Etude au champ des effets de limidaclopride sur abeilles.	Proceedings of the Fifth International Conference on Pests in Agriculture, Part 3, Montpellier, France, 7-9 December, 1999. (1999), pp. 617-624, 10 refs. ISBN: 2-905550-86-4 Published by: Association Nationale pour la Protection des Plantes (ANPP), Paris Conference: Proceedings of the Fifth International Conference on Pests in Agriculture, Part 3, Montpellier, France, 7-9 December, 1999.	EPA EFSA	#2 #4	#2でinvalidとされている。
186A	M-110153-01-1	Wallner, K.	1999	Tests regarding the danger of the seed disinfectant Gaucho 70WS (imidacloprid) for honeybees	Apidologie (France)(1999), Volume 30 Issue 5, pp. 422-424	EFSA	#10	
187A	M-351960-01-1	Colin, M. E.; Le Conte, Y.; Vermandere, J. P.	2001	Managing nuclei in insect-proof tunnel as an observation tool for foraging bees: sublethal effects of deltamethrin and imidacloprid.	Colloq. - Inst. Natl. Rech. Agron., Volume 98, Issue Hazards of Pesticides to Bees, Page 259-268, Publication Year 2001	EPA EFSA	#2 #3 #4	#2でinvalidとされている。
188A	M-513772-01-1	Cure, G.; Schmidt, H. W.; Schmuck, R.	2001	Results of a comprehensive field research program with the systemic insecticide imidacloprid (Gaucho).	Colloq. - Inst. Natl. Rech. Agron., Volume 98, Issue Hazards of Pesticides to Bees, Page 49-59, Publication Year 2001	EPA EFSA	#2 #4	#2でinvalidとされている。
189A	M-510808-01-1	Schmuck, Richard; Schoning, Ralf; Stork, Andreas; Schramel, Oliver.	2001	Risk posed to honeybees (Apis mellifera L, Hymenoptera) by an imidacloprid seed dressing of sunflowers.	Pest Manage. Sci., Volume 57, Issue 3, Page 225-238, Publication Year 2001	EPA EFSA	#2 #3 #4	毒性データは他の試験データを引用しており、primary dataではない
190A	M-513777-01-1	Wallner, K.	2001	Tests regarding effects of imidacloprid on honey bees.	Colloq. - Inst. Natl. Rech. Agron., Volume 98, Issue Hazards of Pesticides to Bees, Page 91-94, Publication Year 2001	EPA EFSA	#2 #4	#2でinvalidとされている。
191A	M-510925-01-1	Cantoni, A.; Schmidt, H.-W.; Gilli, J.	2001	Bee-friendly use of Confidor + oliocin in apple cultivation in Italy.	Pflanzenschutz-Nachr. Bayer (Engl. Ed.), Volume 54, Issue 3, Page 353-368, Publication Year 2001	EFSA	#3 #4	

192A	M-510681-01-1	Lambin, M.; Armengaud, C.; Raymond, S.; Gauthier, M.	2001	Imidacloprid-induced facilitation of the proboscis extension reflex habituation in the honeybee.	Arch. Insect Biochem. Physiol., Volume 48, Issue 3, Page 129-134, Publication Year 2001	EFSA	#3 #4	
193A	M-508175-01-1	Schnier, Heinz Friedrich [Reprint Author]; Wenig, Guido; Laubert, Frank; Simon, Volker; Schmuck, Richard	2003	Honey bee safety of imidacloprid corn seed treatment.	Bulletin of Insectology, (June 2003) Vol. 56, No. 1, pp. 73-75. print. Meeting Info.: 8th International Symposium of the ICP-BR Bee Protection Group on Hazards of Pesticides to Bees. Bologna, Italy. September 04-06, 2002. ISSN: 1721-8861 (ISSN print).	EPA EFSA	#2 #3 #4	#2でinvalidとされている。
194A	M-508172-01-1	Decourtye, Axel; Lacassie, Eric; Pham-Delegue, Minh-Ha	2003	Learning performances of honeybees (Apis mellifera L) are differentially affected by imidacloprid according to the season	Pest Management Science (2003), 59(3), 269-278	EPA EFSA	#1 #3 #4 #10	
195A	M-510767-01-1	Rogers, Richard E. L. [Reprint Author]; Kemp, James R.	2003	Imidacloprid , potatoes, and honey bees in Atlantic Canada: Is there a connection?.	Bulletin of Insectology, (June 2003) Vol. 56, No. 1, pp. 83-88. print. Meeting Info.: 8th International Symposium of the ICP-BR Bee Protection Group on Hazards of Pesticides to Bees. Bologna, Italy. September 04-06, 2002. ISSN: 1721-8861 (ISSN print).	EFSA	#4	
196A	M-387680-01-1	Decourtye, Axel; Devillers, James; Cluzeau, Sophie; Charreton, Mercedes; Pham-Delegue, Minh-Ha.	2004	Effects of imidacloprid and deltamethrin on associative learning in honeybees under semi-field and laboratory conditions.	Ecotoxicol. Environ. Saf., Volume 57, Issue 3, Page 410-419, Publication Year 2004	EPA EFSA	#1 #3 #4	
197A	M-510769-01-1	Charvet, R.; Katouzian-Safadi, M.; Colin, M.-E.; Marchand, P.-A.; Bonmatin, J.-M.	2004	Systemic insecticides: new risk for pollinator insects.	Ann. Pharm. Fr., Volume 62, Issue 1, Page 29-35, Publication Year 2004	EFSA	#4	
198A	M-490458-01-1	Singh, R. P.	2004	Honey bee (Apis mellifera) foraging and management of aphid by spraying imidacloprid during flowering of Brassica rapa.	Annals of Plant Protection Sciences (2004), Volume 12, Number 1, pp. 29-31, 6 refs. ISSN: 0971-3573 Published by: Society of Plant Protection Sciences, New Delhi	EFSA	#3 #4	
199A	M-512364-01-1	Gregorc, A.; Bozic, J.	2004	Is honey bee colonies mortality related to insecticide use in agriculture? Ali cebelje druzine odmirajo zaradi uporabe insekticida v kmetijstvu?	Sodobno Kmetijstvo (2004), Volume 37, Number 7, pp. 29-32, 10 refs. ISSN: 0350-1655 Published by: CZD Kmecki Glas, Ljubljana	EFSA	#4	
200A	M-510687-01-1	Kumar, Senthil; Regupathy, C. M.; Regupathy, A.	2005	Risk assessment of neonicotinoids applied to coffee ecosystem.	Int. Pest Control, Volume 47, Issue 2, Page 82-87, Publication Year 2005	EFSA	#3 #4	
201	M-510690-01-1	Greatti, Moreno; Barbattini, Renzo; Stravisi, Antonella; Sabatini, Anna Gloria; Rossi, Simona [Reprint Author]	2006	Presence of the a.i. imidacloprid on vegetation near corn fields sown with Gaucho ((R)) dressed seeds.	Bulletin of Insectology, (DEC 2006) Vol. 59, No. 2, pp. 99-103. ISSN: 1721-8861.	EPA EFSA	#2; p 319 #4; p 34, 93, 350	
202	M-491821-01-1	Choudhary, Amit; Sharma, D. C.	2008	Dynamics of pesticide residues in nectar and pollen of mustard (Brassica juncea (L.) Czern.) grown in Himachal Pradesh (India).	Environ. Monit. Assess., Volume 144, Issue 1-3, Page 143-150, Publication Year 2008	EPA EFSA	#2; Appendix A, p 3 #4; p 33, 92, 345-346	#2でinvalidとされている。

203	M-356979-01-1	Girolami, V.; Mazzon, L.; Squartini, A.; Mori, N.; Marzaro, M.; Di Bernardo, A.; Greatti, M.; Giorio, C.; Tapparo, A.	2009	Translocation of neonicotinoid insecticides from coated seeds to seedling guttation drops: a novel way of intoxication for bees.	J. Econ. Entomol., Volume 102, Issue 5, Page 1808-1815, Publication Year 2009	EPA EFSA	#2; p 319 #3; Appendix C, p 110-113 #4; p 22, 33, 90, 228, 337-338, 540	
204	M-515687-01-1	Donnarumma, Lucia; Pulcini, Patrizio; Pochi, Daniele; Rosati, Silvia; Lusco, Lorenzo; Conte, Elisa.	2011	Preliminary study on persistence in soil and residues in maize of imidacloprid.	J. Environ. Sci. Health, Part B, Volume 46, Issue 6, Page 469-472, Publication Year 2011	EFSA	#3; Appendix C, p 86-87 #4; p 33, 88, 330	
205	M-512371-01-1	Stoner, Kimberly A.; Eitzer, Brian D.	2012	Movement of soil-applied imidacloprid and thiamethoxam into nectar and pollen of squash (Cucurbita pepo)	PLoS One (2012), 7(6), e39114	EPA EFSA	#2; p 102-103, 252; Appendix B, p 13 #4; p 32, 85, 281-290	
206	M-510813-01-1	Dively, Galen P.; Kamel, Alaa	2012	Insecticide Residues in Pollen and Nectar of a Cucurbit Crop and Their Potential Exposure to Pollinators	Journal of Agricultural and Food Chemistry (2012), 60(18), 4449-4456	EFSA	#4; p 32, 85, 290-291	土壌灌注処理後のカボチャの花粉・花蜜残留調査。適合性区分aと考える。
207	M-511257-01-1	Byrne, Frank J.; Visscher, P. Kirk; Leimkuehler, Bill; Fischer, Dave; Grafton-Cardwell, Elizabeth E.; Morse, Joseph G.	2014	Determination of exposure levels of honey bees foraging on flowers of mature citrus trees previously treated with imidacloprid	Pest Management Science (2014), 70(3), 470-482	EPA EFSA	#2; p 46, 96, 99, 262 #3; Appendix C, p 46 #4; p 31, 80, 248-251	
208	M-510798-01-1	Larson, Jonathan L.; Redmond, Carl T.; Potter, Daniel A.	2015	Mowing mitigates bioactivity of neonicotinoid insecticides in nectar of flowering lawn weeds and turfgrass guttation	Environmental Toxicology and Chemistry (2015), 34(1), 127-132	EPA	#1; Appendix 2-2 #2; p 119-120, 298-299 #3; Appendix C, p 179-180	
209	M-544417-01-1	Sanchez-Hernandez, Laura; Hernandez-Dominguez, Deamelys; Martin, Maria T.; Nozal, Maria J.; Higes, Mariano; Bernal Yague, Jose L.	2015	Residues of neonicotinoids and their metabolites in honey and pollen from sunflower and maize seed dressing crops	Journal of Chromatography A (2015) Ahead of Print	EPA	#2; p 323	
210	M-812937-01-1	Mach, Bernadette M.; Bondarenko, Svetlana; Potter, Daniel A.	2018	Uptake and dissipation of neonicotinoid residues in nectar and foliage of systemically treated woody landscape plants	Environmental Toxicology and Chemistry (2018), 37(3), 860-870	EPA	#2; p 119-120, 292, 297	
211A	M-110763-01-1	Sur, Robin [Reprint Author]; Stork, Andreas	2003	Uptake, translocation and metabolism of imidacloprid in plants.	Bulletin of Insectology, (June 2003) Vol. 56, No. 1, pp. 35-40. print. Meeting Info.: 8th International Symposium of the ICP-BR Bee Protection Group on Hazards of Pesticides to Bees. Bologna, Italy. September 04-06, 2002. ISSN: 1721-8861 (ISSN print).	EFSA	#10	

212	M-481179-01-1	Tapparo, Andrea; Giorio, Chiara; Marzaro, Matteo; Marton, Daniele; Solda, Lidia; Girolami, Vincenzo.	2011	Rapid analysis of neonicotinoid insecticides in guttation drops of corn seedlings obtained from coated seeds.	J. Environ. Monit., Volume 13, Issue 6, Page 1564-1568, Publication Year 2011	EFSA	#3; Appendix C, p 325 #4; p 32, 87, 323-324	
213	M-513183-01-1	Hoffmann, Eric J.; Castle, Steven J.	2012	Imidacloprid in melon guttation fluid: a potential mode of exposure for pest and beneficial organisms.	J. Econ. Entomol., Volume 105, Issue 1, Page 67-71, Publication Year 2012	EFSA	#3; Appendix C, p 141-142 #4; p 32, 85, 293	
214	M-466259-01-1	Reetz, Jana E.; Zuehlke, Sebastian; Spiteller, Michael; Wallner, Klaus.	2011	Neonicotinoid insecticides translocated in guttated droplets of seed-treated maize and wheat: a threat to honeybees?.	Apidologie, Volume 42, Issue 5, Page 596-606, Publication Year 2011	EFSA	#3; Appendix C, p 250 #4; p 32, 87, 321, 323	
215	M-807555-01-1	Reetz J E; Wallner K	2015	Uptake of Neonicotinoid Insecticides by Water-Foraging Honey Bees (Hymenoptera: Apidae) Through Guttation Fluid of Winter Oilseed Rape.	Journal of economic entomology, (2015 Oct 29) . Electronic Publication Date: 29 Oct 2015	EFSA	#3; Appendix C, p 250-251	
216	M-468128-01-1	Pohorecka, Krystyna [Reprint Author]; Skubida, Piotr; Miszczak, Artur; Semkiw, Piotr; Sikorski, Piotr; Zagibajlo, Katarzyna; Teper, Dariusz; Koltowski, Zbigniew; Skubida, Marta; Zdanska, Dagmara; Bober, Andrzej	2012	RESIDUES OF NEONICOTINOID INSECTICIDES IN BEE COLLECTED PLANT MATERIALS FROM OILSEED RAPE CROPS AND THEIR EFFECT ON BEE COLONIES.	Journal of Apicultural Science, (2012) Vol. 56, No. 2, pp. 115-134. ISSN: 1643-4439.	EFSA	#3; Appendix C, p 237-238 #4; p 32, 86, 317-319, 518	PMRA (2018)では以下のmajor uncertainitiesを指摘している。 Other toxic pesticides were also applied to the treatment fields. The different detection sensitivity of each measured chemicals (LOD and LOQ) is expected to impact the detection frequency of the chemicals. The control colonies had high levels of contamination of other pesticides including other neonicotinoids (thiacloprid and acetamiprid). In addition, thiamethoxam was found in samples collected from imidacloprid and clothianidin treatment fields. Imidacloprid was detected in samples that were designed for the thiamethoxam treatment.
217	M-560815-01-1	Long, Elizabeth Y.; Krupke, Christian H.	2016	Non-cultivated plants present a season-long route of pesticide exposure for honey bees.	Nature Communications, (31 May 2016) Vol. 7. arn. 11629. Refs: 61 E-ISSN: 2041-1723	EPA	#2; p 321	
218A	M-455845-01-1	Rossi, S.; Sabatini, A. G.; Cenciarini, R.; Ghini, S.; Girotti, S.	2005	Use of high-performance liquid chromatography-UV and gas chromatography-mass spectrometry for determination of the imidacloprid content of honeybees, pollen, paper filters, grass, and flowers.	Chromatographia, Volume 61, Issue 3/4, Page 189-195, Publication Year 2005	EFSA	#4	

219A	M-387955-01-1	Laurent, Francois M.; Rathahao, Estelle	2003	Distribution of [14c]imidacloprid in sunflowers (Helianthus annuus L.) following seed treatment	Journal of Agricultural and Food Chemistry (2003), 51(27), 8005-8010	EPA EFSA	#2 #3 #4	
220	M-809060-01-1	Biocca, Marcello; Fanigliulo, Roberto; Gallo, Pietro; Pulcini, Patrizio; Pochi, Daniele	2015	The assessment of dust drift from pneumatic drills using static tests and in-field validation.	Crop Protection, (MAY 2015) Vol. 71, pp. 109-115.	EFSA	#3; Appendix C, p 35	
221	M-812935-01-1	Pochi, Daniele; Biocca, Marcello; Fanigliulo, Roberto; Gallo, Pietro; Fedrizzi, Marco; Pulcini, Patrizio; Perrino, Cinzia; Marcovecchio, Francesca	2015	A device for pneumatic precision drills reducing the drift of the abrasion dust from dressed seed.	Crop Protection, (AUG 2015) Vol. 74, pp. 56-64.	EFSA	#3; Appendix C, p 235-236	
222	M-642989-01-1	Poquet, Yannick; Kairo, Guillaume; Tchamitchian, Sylvie; Brunet, Jean-Luc; Belzunces, Luc P.	2015	Wings as a new route of exposure to pesticides in the honey bee	Environmental Toxicology and Chemistry (2015), 34(9), 1983-1988	EFSA	#3; Appendix C, p 239-241	
223	M-455993-01-1	Chauzat, Marie-Pierre; Martel, Anne-Claire; Cougoule, Nicolas; Porta, Philippe; Lachaize, Julie; Zeggane, Sarah; Aubert, Michel; Carpentier, Patrice; Faucon, Jean-Paul	2010	An assessment of honeybee colony matrices, Apis mellifera (hymenoptera: apidae) to monitor pesticide presence in continental France	Environmental Toxicology and Chemistry (2010), Volume Date 2011, 30(1), 103-111	EFSA	#4; p 33, 88, 326	
224A	M-510686-01-1	Bonmatin, J. M.; Marchand, P. A.; Charvet, R.; Moineau, I.; Bengsch, E. R.; Colin, M. E.	2005	Quantification of Imidacloprid Uptake in Maize Crops.	J. Agric. Food Chem., Volume 53, Issue 13, Page 5336-5341, Publication Year 2005	EPA EFSA	#2 #3 #4	
225	M-468884-01-1	Degrandi-Hoffman, Gloria; Sammataro, Diana; Simonds, Roger	2012	Are agrochemicals present in high fructose corn syrup fed to honey bees (Apis mellifera L.)?	Journal of Apicultural Research (2012), 51(4), 371-372	EFSA	#4; p 32, 86, 320	
226	M-547564-01-1	Jones, Ainsley; Harrington, Paul; Turnbull, Gordon	2014	Neonicotinoid concentrations in arable soils after seed treatment applications in preceding years	Pest Management Science (2014), 70(12), 1780-1784	EFSA	#3; Appendix C, p 159-160 #4; p 38, 106, 425-427	
227A	M-477509-01-1	Suchail, Severine; De Sousa, Georges; Rahmani, Roger; Belzunces, Luc P.	2004	In vivo distribution and metabolisation of 14C-imidacloprid in different compartments of Apis mellifera L.	Pest Manage. Sci., Volume 60, Issue 11, Page 1056-1062, Publication Year 2004	EFSA	#3 #4	
228	M-510787-01-1	Pochi, Daniele; Biocca, Marcello; Fanigliulo, Roberto; Pulcini, Patrizio; Conte, Elisa	2012	Potential Exposure of Bees, Apis mellifera L., to Particulate Matter and Pesticides Derived from Seed Dressing During Maize Sowing	Bulletin of Environmental Contamination and Toxicology (2012), 89(2), 354-361	EFSA	#4; p 32, 85, 279-280	
229	M-808966-01-1	Samson-Robert, Olivier (Correspondence); Labrie, Genevieve; Chagnon, Madeleine; Fournier, Valerie	2014	Neonicotinoid-contaminated puddles of water represent a risk of intoxication for honey bees.	PLoS ONE, (1 Dec 2014) Vol. 9, No. 12. arn. e108443. Refs: 83 E-ISSN: 1932-6203 CODEN: POLNCL	EFSA	#3; Appendix C, p 274	
230	M-486394-01-1	Biocca, Marcello; Conte, Elisa; Pulcini, Patrizio; Marinelli, Enzo; Pochi, Daniele.	2011	Sowing simulation tests of a pneumatic drill equipped with systems aimed at reducing the emission of abrasion dust from maize dressed seed.	J. Environ. Sci. Health, Part B, Volume 46, Issue 6, Page 438-448, Publication Year 2011	EFSA	#3; Appendix C, p 34-35 #4; p 33, 88, 327-329	
231	M-544592-01-1	Botias, Cristina; David, Arthur; Horwood, Julia; Abdul-Sada, Alaa; Nicholls, Elizabeth; Hill, Elizabeth; Goulson, Dave	2015	Neonicotinoid Residues in Wildflowers, a Potential Route of Chronic Exposure for Bees	Environmental Science and Technology (2015) Ahead of Print	EFSA	#3; Appendix C, p 42	

232	M-542190-01-1	Chi, Yanyan [Reprint Author]; Qiao, Kang; Jiang, Hui; Lin, Ronghua; Wang, Kaiyun	2015	Comparison of Two Acute Toxicity Test Methods for the Silkworm (Lepidoptera: Bombycidae).	Journal of Economic Entomology, (FEB 2015) Vol. 108, No. 1, pp. 145-149.	EPA	#1; Appendix 2-2	
233	M-811684-01-1	Liu, Yanmei; Zhang, Hui; He, Fengmei; Li, Xuesheng; Tan, Huihua; Zeng, Dongqiang	2018	Combined toxicity of chlorantraniliprole, lambda-cyhalothrin, and imidacloprid to the silkworm Bombyx mori (Lepidoptera: Bombycidae)	Environmental Science and Pollution Research (2018), 25(23), 22598-22605	EPA	#1; Appendix 2-2	

No. 66については、オープンアクセスのためそのURLを示した。

a: 以下の記号を付した文献は2023年12月の改訂時に本表に追加したもの。

A 海外評価引用文献として新たに収集したもの

#1: EPA, draft Biological Evaluation, 2021

#2: EPA, Final Bee Risk Assessment to Support the Registration Review of Imidacloprid, 2020

#3: EFSA, Peer review of the pesticide risk assessment for bees for the active substance imidacloprid considering the uses as seed treatments and granules, 2018

#4: EFSA, Conclusion on the peer review of the pesticide risk assessment for bees for the active substance imidacloprid considering all uses other than seed treatments and granules, 2015

#6: EPA, Imidacloprid Proposed Interim Registration Review Decision Case Number 7605, 2020

#9: NTP, Research Report on the Scoping Review of Potential Human Health Effects Associated with Exposures to Neonicotinoid Pesticides, 2020

#10: EFSA, Draft Assessment Report (DAR), 2005 (Addendum含む)

別添 4-1-4

海外評価引用文献：環境動態 (別添 4-2-4 を除く)

No.[a]	文献ファイル名	著者	出版年	論文表題	掲載誌名、号、ページ等	評価機関	評価書情報(発行年等)	備考
1	M-548264-01-1	Wu, Jialun; Wei, Houdao; Xue, Jian	2012	Degradation of Imidacloprid in Chrysanthemi Flos and Soil	Bulletin of Environmental Contamination and Toxicology (2012), 88(5), 776-780	EFSA	#4; p 36, 102, 394-395	
2A	M-006998-01-1	Rouchaud, J.; Gustin, F.; Wauters, A.	1996	Imidacloprid insecticide soil metabolism in sugar beet field corps	Bulletin of Environmental Contamination and Toxicology (1996), 56(1), 29-36	EFSA	#4	
3	M-549231-01-1	Prakash, Samnani; Kamlesh, Vishwakarma	2013	Influence of abiotic factors on the degradation of imidacloprid in soil	Research Journal of Chemistry and Environment (2013), 17(6), 49-52	EFSA	#4; p 216	
4A	M-141063-01-1	Atkinson, Roger	1987	Structure-activity relationship for the estimation of rate constants for the gas-phase reactions of hydroxyl radicals with organic compounds	International Journal of Chemical Kinetics (1987), 19(9), 799-828	EFSA	#10	
5	M-548237-01-1	Thuyet, Dang Quoc; Watanabe, Hirozumi; Takagi, Kazuhiro; Yamazaki, Kenichi; Nhung, Dang Thi Tuyet.	2012	Behavior of nursery-box-applied imidacloprid in micro paddy lysimeter.	J. Pestic. Sci. (Tokyo, Jpn.), Volume 37, Issue 1, Page 20-27, Publication Year 2012	EFSA	#4; p 36, 102, 398	水稲箱処理後のイミダクロプリドの水田(ライシメーター)における挙動の参考となる。
6	M-548161-01-1	Thuyet, Dang, Quoc; Watanabe, Hirozumi; Motobayashi, Takashi	2011	Effect of formulations and treatment methods of nursery boxes applied with insecticide on the behavior of imidacloprid in rice paddy fields	Journal of Pesticide Science (Tokyo, Japan) (2011), 36(1), 9-15	EFSA	#4; p 36, 103, 402-405	水稲箱処理後の水田における消長を調査している。土壌は表層1cmの分析のため、土壌残留試験法と採取位置が異なる。
7	M-548251-01-1	Phong, Thai Khanh; Nhung, Dang Thi Tuyet; Motobayashi, Takashi; Thuyet, Dang Quoc; Watanabe, Hirozumi	2009	Fate and Transport of Nursery-Box-Applied Tricyclazole and Imidacloprid in Paddy Fields	Water, Air, and Soil Pollution (2009), 202(1-4), 3-12	EFSA	#4; p 37, 104, 410-411	
8A	M-023580-01-1	Westwood, Fahimeh; Bean, Kathy M.; Dewar, Alan M.; Bromilow, Richard H.; Chamberlain, Keith	1998	Movement and persistence of [14C] imidacloprid in sugar-beet plants following application to pelleted sugar-beet seed	Pesticide Science (1998), 52(2), 97-103	EFSA	#4 #10	
9	M-809061-01-1	Leiva, Jorge A.; Nkedi-Kizza, Peter; Morgan, Kelly T.; Qureshi, Jawwad A.	2015	Imidacloprid Sorption Kinetics, Equilibria, and Degradation in Sandy Soils of Florida	Journal of Agricultural and Food Chemistry (2015), 63(20), 4915-4921	EFSA	#3; Appendix C, p 188	
10	M-548233-01-1	Iwafune, Takashi; Inao, Keiya; Horio, Takeshi; Iwasaki, Nobusuke; Yokoyama, Atsushi; Nagai, Takashi	2010	Behavior of paddy pesticides and major metabolites in the Sakura River, Ibaraki Japan	Journal of Pesticide Science (Tokyo, Japan) (2010), 35(2), 114-123	EFSA	#4; p 36, 103, 408	農薬使用地域におけるモニタリングデータ。
11	M-548260-01-1	Yamamoto, Atsushi; Terao, Tomoko; Hisatomi, Hirotaka; Kawasaki, Hideya; Arakawa, Ryuichi.	2012	Evaluation of river pollution of neonicotinoids in Osaka City (Japan) by LC/MS with dopant-assisted photoionisation.	J. Environ. Monit., Volume 14, Issue 8, Page 2189-2194, Publication Year 2012	EFSA	#4; p 32, 84	
12A	M-023589-01-1	van Vlies, P. J. M.; Tas, J. W.	1996	Driftemission percentages for surface water (adapted draft)	不明	EFSA	#10	

a: 以下の記号を付した文献は2023年12月の改訂時に本表に追加したもの。

A 海外評価引用文献として新たに収集したもの

#3: EFSA, Peer review of the pesticide risk assessment for bees for the active substance imidacloprid considering the uses as seed treatments and granules, 2018

#4: EFSA, Conclusion on the peer review of the pesticide risk assessment for bees for the active substance imidacloprid considering all uses other than seed treatments and granules, 2015

#10: EFSA, Draft Assessment Report (DAR), 2005 (Addendum含む)

別添 4-2-1

海外評価引用文献のうち適合性なしと判断した論文：ヒトに対する毒性

No.[a]	著者	出版年	論文表題	掲載誌名、号、ページ等	評価機関	評価書情報(発行年等)	判断理由[b]
1A	Loeser J D; Lemire R J; Alvord E C Jr	1972	THE DEVELOPMENT OF THE FOLIA IN THE HUMAN CEREBELLAR VERMIS.	Anatomical Record, (1972) Vol. 173, No. 1, pp. 109-113.	EFSA	#5	イミダクロプリドについて言及されている文献ではない。 ヒトの小脳虫部の小葉回の発達を、胎児、乳児、成人について調べた文献
2A	Sidman R L; Rakic P	1973	NEURONAL MIGRATION WITH SPECIAL REFERENCE TO DEVELOPING HUMAN BRAIN A REVIEW.	Brain Research, (1973) Vol. 62, No. 1, pp. 1-35.	EFSA	#5	イミダクロプリドについて言及されていない。 初期神経発達（中枢神経系の発達過程における神経細胞の移動)に関するレビュー
3A	Arena J	1974	Poisoning. IV ed.	Thomas C (ed), New York	EFSA	#5	①ニコチンのLD50 値として参照されている文献
4A	Luck, W.; Nau, H.	1984	Nicotine and cotinine concentrations in serum and milk of nursing smokers	British Journal of Clinical Pharmacology (1984), 18(1), 9-15	EFSA	#5	イミダクロプリドについて言及されている文献ではない。 血清中ニコチン濃度と乳汁中ニコチン濃度には直線的な相関があり、胎児に到達することが述べられた文献
5A	Altman J; Bayer S A	1985	Embryonic development of the rat cerebellum. III. Regional differences in the time of origin, migration, and settling of Purkinje cells.	The Journal of comparative neurology, (1985 Jan 01) Vol. 231, No. 1, pp. 42-65.	EFSA	#5	イミダクロプリドについて言及された文献ではない。 プルキンエ細胞の発生時期、発生部位、移動経路、定着パターンについて調査した文献。
6A	Luck, W.; Nau, H.; Hansen, R.; Steldinger, R.	1985	Extent of nicotine and cotinine transfer to the human fetus, placenta and amniotic fluid of smoking mothers	Developmental Pharmacology and Therapeutics (1985), 8(6), 384-95	EFSA	#5	①イミダクロプリドについて言及されている文献ではない。 ニコチンは胎盤を通過し胎児に移行し、ニコチンは、胎児の血液中に母親の血液中よりも濃縮されるということを述べた文献
7A	Gallo V; Kingsbury A; Balazs R; Jorgensen O S	1987	THE ROLE OF DEPOLARIZATION IN THE SURVIVAL AND DIFFERENTIATION OF CEREBELLAR GRANULE CELLS IN CULTURE.	Journal of Neuroscience, (1987) Vol. 7, No. 7, pp. 2203-2213.	EFSA	#5	イミダクロプリドについて言及された文献ではない。 本文献は、小脳顆粒細胞の培養においてその生存と分化及び維持に、20mM以上のK+とCa2＋Fluxが不可欠であるなどが述べられており、木村-黒田ら（2012年）の文献の検証において参照されたもの。
8A	Loy, Rebekah; Sheldon, R. Ann	1987	Sexually dimorphic development of cholinergic enzymes in the rat septohippocampal system	Developmental Brain Research (1987), 34(1), 156-60	EFSA	#5	イミダクロプリドについて言及されている文献ではない。 アセタミプリドの参照値設定に関して引用された文献で、ラット海馬中隔系におけるコリン作動性酵素の性的二型的発達について述べられた文献。
9A	Benowitz, Neal L.; Porchet, Herve; Sheiner, Lewis; Jacob, Peyton, III	1988	Nicotine absorption and cardiovascular effects with smokeless tobacco use: comparison with cigarettes and nicotine gum	Clinical Pharmacology and Therapeutics (St. Louis, MO, United States) (1988), 44(1), 23-8	EFSA	#5	イミダクロプリドについて言及された文献ではない。 タバコ喫煙とニコチンガムでの比較により、無煙タバコのニコチン吸収の程度と時間経過及び心血管への影響について調べた報告

10A	Gosselin RE	1988	Clinical toxicology of Commercial Products. 6th ed,	Baltimore, Williams & Wilkins, pp 311-313	EFSA	#5	成書。Scientific opinionにおいて、イミダクロプリドのために用いられた文献ではない。ニコチンの人に対する致死量/近接致死量として引用
11A	Methfessel, C.	1992	Action of imidacloprid on the nicotinergic acetylcholine receptors in rat muscle.	Pflanzenschutz-Nachr. Bayer (Ger. Ed.), Volume 45, Issue 3, Page 369-80, Publication Year 1992	EFSA NTP	#9 #10	⑲日本語、英語以外の論文
12A	Watanabe, Masahiko; Inoue, Yoshiro; Sakimura, Kenji; Mishina, Masayoshi	1992	Developmental changes in distribution of NMDA receptor channel subunit mRNAs	NeuroReport (1992), 3(12), 1138-40	EFSA	#5	イミダクロプリドについて言及された文献ではない。 in situハイブリダイゼーション解析により、マウスNMDA受容体チャネルの5つのサブユニットmRNAの発現と分布が、脳の発達過程で劇的に変化することが明らかになったとしている文献
13A	Farrant, Mark; Feldmeyer, Dirk; Takahashi, Tomoyuki; Cull-Candy, Stuart G.	1994	NMDA-receptor channel diversity in the developing cerebellum	Nature (London, United Kingdom) (1994), 368(6469), 335-9	EFSA	#5	イミダクロプリドについて言及された文献ではない。 小脳の発達初期には様々なN-metyl-D-asparate（NMDA）受容体サブユニットをコードするm-RNAの分布に著しい変化がおこることから、機能的に異なるNMDA受容体が出現するのかどうかを明らかにすることを目的とした文献。
14A	Mathews, Gregory C.; Bolos-Sy, Annabel M.; Holland, Katherine D.; Isenberg, Keith E.; Covey, Douglas F.; Ferrendelli, James A.; Rothman, Steven M.	1994	Developmental alteration in GABAA receptor structure and physiological properties in cultured cerebellar granule neurons	Neuron (1994), 13(1), 149-58	EFSA	#5	イミダクロプリドについて言及されている文献ではない。 イオンチャネルの最も広範な細胞および部位特異的な発生変化の一つを記述した文献（GABAA受容体）。
15A	Okamoto, Masato; Kita, Taizo; Okuda, Hirotsugu; Tanaka, Takeshi; Nakashima, Toshikatsu	1994	Effects of aging on acute toxicity of nicotine in rats	Pharmacology and Toxicology (Oxford, United Kingdom) (1994), 75(1), 1-6	EFSA	#5	イミダクロプリドについて言及された文献ではない。 ニコチンの急性毒性に関する文献
16A	Yan, Guang-Mei; Ni, Binhui; Weller, Michael; Wood, Katherine A.; Paul, Steven M.	1994	Depolarization or glutamate receptor activation blocks apoptotic cell death of cultured cerebellar granule neurons	Brain Research (1994), 656(1), 43-51	EFSA	#5	イミダクロプリドについて言及された文献ではない。 脱分極またはグルタミン酸受容体の活性化により、培養小脳顆粒ニューロンのアポトーシスが阻止されるということが述べられた文献
17A	Sastry, B. V. Rama; Chance, Michael B.; Singh, Gurkeerat; Horn, Jean L.; Janson, Victoria E.	1995	Distribution and retention of nicotine and its metabolite, cotinine, in the rat as a function of time	Pharmacology (1995), 50(2), 128-36	EFSA	#5	イミダクロプリドについて言及された文献ではない。 ラットにニコチンを静脈投与し、ニコチン及びコチニンの体内分布、滞留時間等を調べた論文

18A	Nagata, Keiichi; Aistrup, Gary L.; Song, Jin-Ho; Narahashi, Toshio.	1996	Subconductance-state currents generated by imidacloprid at the nicotinic acetylcholine receptor in PC 12 cells.	NeuroReport, Volume 7, Issue 5, Page 1025-1028, Publication Year 1996	NTP	#9	クローン性ラット褐色細胞腫（PC 12）細胞のニコチン性アセチルコリン受容体に対するイミダクロプリドの影響を、単一チャンネル・パッチクランプ法を用いて研究した文献。イミダクロプリドの購入先、純度が不明　研究の範疇の報告であり、リスク評価の観点から適合性なしと考える。
19A	Role, Lorna W.; Berg, Darwin K.	1996	Nicotinic receptors in the development and modulation of CNS synapses	Neuron (1996), 16(6), 1077-1085	EFSA	#5	イミダクロプリドについて言及された文献ではない。 神経細胞nAChRが中枢神経系生理にどのように関与しているのかについて、CNSシナプスの発達とシナプス前モジュレーションに対する神経細胞nAChRのかかわりあいに焦点をあてて議論された総説、
20A	Chao, Shirley Lee; Casida, John E.	1997	Interaction of imidacloprid metabolites and analogs with the nicotinic acetylcholine receptor of mouse brain in relation to toxicity	Pesticide Biochemistry and Physiology (1997), 58(1), 77-88	EFSA	#5; p.13	⑯ c (腹腔内投与)/マウス脳膜の ［3H]ニコチンとの結合阻害をみているが、リスク評価に使用できる 毒性情報は記載されていない。
21A	Shah, Rashmi G.; Lagueux, Jean; Kapur, Sanjay; Levallois, Patrick; Ayotte, Pierre; Tremblay, Martine; Zee, John; Poirier, Guy G.	1997	Determination of genotoxicity of the metabolites of the pesticides Guthion, Sencor, Lorox, Reglone, Daconil and Admire by 32P-postlabeling.	Mol. Cell. Biochem., Volume 169, Issue 1 and 2, Page 177-184, Publication Year 1997	NTP	#9	被験物質として製剤が用いられており、Admireとはあるが、剤形及び日本で登録のある製剤の確認ができない。非GLP下、ガイドラインの明記なし。
22A	Court, J. A.; Lloyd, S.; Johnson, M.; Griffiths, M.; Birdsall, N. J. M.; Piggott, M. A.; Oakley, A. E.; Ince, P. G.; Perry, E. K.; Perry, R. H.	1997	Nicotinic and muscarinic cholinergic receptor binding in the human hippocampal formation during development and aging	Developmental Brain Research (1997), 101(1,2), 93-105	EFSA	#5	イミダクロプリドについて言及された文献ではない。 ヒト海馬の発達と老化(加齢性変化)には、ムスカリン性アセチルコリン受容体よりもニコチン性アセチルコリン受容体の発現をより大きく制御するメカニズムの関与が示唆されるという文献
23A	Wonnacott, Susan	1997	Presynaptic nicotinic ACh receptors	Trends in Neurosciences (1997), 20(2), 92-97	EFSA	#5	イミダクロプリドについて言及された文献ではない。 シナプス前nACh受容体についての文献
24A	Nagata, Keiichi; Song, Jin-Ho; Shono, Toshio; Narahashi, Toshio.	1998	Modulation of the neuronal nicotinic acetylcholine receptor-channel by the nitromethylene heterocycle imidacloprid.	J. Pharmacol. Exp. Ther., Volume 285, Issue 2, Page 731-738, Publication Year 1998	EFSA NTP	#5 #9	clonal rat phaeochromocytoma (PC12) cellsを使用。PC12細胞のニコチン性アセチルコリン受容体チャンネルに対するイミダクロプリドの影響を調べたもので、実験的、分子的、生化学的な調査であり、リスク評価に利用できる毒性データ情報は報告されていない。
25A	Agulhon, Cendra; Charnay, Yves; Vallet, Philippe; Betrand, Daniel; Malafosse, Alain	1998	Distribution of mRNA for the alpha4 subunit of the nicotinic acetylcholine receptor in the human fetal brain.	Molecular Brain Research, (July 15, 1998) Vol. 58, No. 1-2, pp. 123-131. print.	EFSA	#5	イミダクロプリドについて言及された文献ではない。 中枢神経系に存在するnAChRα4サブユニットのm-RNAの分布を調査した文献

26A	Hohmann, Christine F.; Berger-Sweeney, Joanne	1998	Cholinergic regulation of cortical development and plasticity: new twists to an old story	Perspectives on Developmental Neurobiology (1998), 5(4), 401-425	EFSA	#5	イミダクロプリドについて言及された文献ではない。 神経細胞の分化とシナプス形成のコリン作動性制御機構に関する文献
27A	Mellor, J. R.; Merlo, D.; Jones, A.; Wisden, W.; Randall, A. D.	1998	Mouse cerebellar granule cell differentiation: electrical activity regulates the GABAA receptor alpha6 subunit gene	Journal of Neuroscience (1998), 18(8), 2822-2833	EFSA	#5	イミダクロプリドについて言及された文献ではない。 GABAa受容体α6サブユニット遺伝子発現は小脳顆粒細胞の成熟を示す。この過程を研究した文献
28A	Slotkin, Theodore A.	1998	Fetal nicotine or cocaine exposure: which one is worse?	Journal of Pharmacology and Experimental Therapeutics (1998), 285(3), 931-945	EFSA	#5	イミダクロプリドについて言及された文献ではない。 ニコチン（喫煙・ニコチンパッチ）及びコカイン摂取による胎児への脳への影響についてのreview
29A	Zhang, Xiao; Liu, Chuan; Miao, Hui; Gong, Ze-Hui; Nordberg, Agneta	1998	Postnatal changes of nicotinic acetylcholine receptor alpha2, alpha3, alpha4, alpha7 and beta2 subunits genes expression in rat brain	International Journal of Developmental Neuroscience (1998), 16(6), 507-518	EFSA	#5	イミダクロプリドについて言及された文献ではない。 ラット脳におけるニコチン性アセチルコリン受容体α2、α3、α4、α7およびβ2サブユニット遺伝子発現の出生後変化について調べた文献
30A	Tomizawa, Motohiro; Casida, John E.	1999	Minor structural changes in nicotinoid insecticides confer differential subtype selectivity for mammalian nicotinic acetylcholine receptors	British Journal of Pharmacology (1999), 127(1), 115-122	EFSA NTP	#5; p.13 #9	in vitro系；哺乳類におけるニコチノイド系殺虫剤の類似体及び代謝物の毒性は、わずかな構造変化によって選択性を付与された複数の受容体サブタイプでの作用が関与している可能性があると述べられたものであるが、このデータがリスク評価に直接利用可能であるとはみなされなかった。
31A	Godfrey, D. R. [Reprint Author]	1999	Dermatosis and associated systemic signs in a cat with thymoma and recently treated with an imidacloprid preparation.	Journal of Small Animal Practice, (July, 1999) Vol. 40, No. 7, pp. 333-337. print.	NTP	#9	イミダクロプリド80㎎含有外用動物用医薬品（Advantage 80）を胸腺腫を呈したネコの首背部に適用したことによる胸腺腫随伴皮膚症状及び全身症状（心血管疾患等）の悪化についての症例報告であり、リスク評価に利用できない。
32A	Latli, Bachir; Damour, Kevin; Casida, John E.	1999	Novel and Potent 6-Chloro-3-pyridinyl Ligands for the .alpha.4.beta.2 Neuronal Nicotinic Acetylcholine Receptor	Journal of Medicinal Chemistry (1999), 42(12), 2227-2234	NTP	#9	α4β2神経細胞ニコチン性アセチルコリン受容体に対する新規で強力な6-クロロ-3-ピリジニルリガンドについての研究であり、リスク評価への利用はできないものと考える。

33A	Kurosaki, Mami; Demontis, Silvia; Barzago, Maria Monica; Garattini, Enrico; Terao, Mineko	1999	Molecular cloning of the cDNA coding for mouse aldehyde oxidase: tissue distribution and regulation in vivo by testosterone	Biochemical Journal (1999), 341(1), 71-80	EFSA	#5	イミダクロプリドについて言及されている文献ではない。 マウスAldehyde oxigenase(AO)をコードするcDNAが単離され、その特徴が明らかにされている。EFSA/Scientific Opinonでは、脳内でイミダクロプリドがデスニトロ-イミダクロプリドに変換されるかどうかは不明としているが、本文献では、主にニトロ還元を担っているAOは肝臓、肺、脳、脊髄で発見されているということが報告されているため、理論的にはこの可能性があるかもしれないと考える根拠として引用している文献である。
34A	Saunders, N. R.; Habgood, M. D.; Dziegielewska, K. M.	1999	Barrier mechanisms in the brain, II. Immature brain	Clinical and Experimental Pharmacology and Physiology (1999), 26(2), 85-91	EFSA	#5	イミダクロプリドについて言及された文献ではない。 血液脳関門及び血液脳脊髄液関門が脳の初期段階（未成熟脳）から存在することについて述べられている文献。
35A	Tomizawa, Motohiro; Casida, John E.	2000	Imidacloprid, Thiacloprid, and Their Imine Derivatives Up-Regulate the .alpha.4.beta.2 Nicotinic Acetylcholine Receptor in M10 Cells	Toxicology and Applied Pharmacology (2000), 169(1), 114-120	EFSA NTP	#5; p.14 #9	in vitro系；ネオニコチノイド系殺虫剤とそのイミン誘導体が、哺乳類脳内のα4β2ニコチンAChRサブタイプをアップレギュレートするという仮説を検証し、その可能性があると述べられた文献であるが、ここで示されたデータがリスク評価に直接利用可能であるとはみなされなかった。
36A	Lansdell, S. J.; Millar, N. S.	2000	The influence of nicotinic receptor subunit composition upon agonist, .alpha.-bungarotoxin and insecticide (imidacloprid) binding affinity	Neuropharmacology (2000), 39(4), 671-679	NTP	#9	α とnon-α サブユニットの両方が、遺伝子組換え型nAChRに対するニコチン性リガンドの親和性に大きな影響を及ぼすことを述べた文献であり、リスク評価への利用はできないものと考える。
37A	Court, J. A.; Martin-Ruiz, C.; Graham, A.; Perry, E.	2000	Nicotinic receptors in human brain: topography and pathology	Journal of Chemical Neuroanatomy (2000), 20(3,4), 281-298	EFSA	#5	イミダクロプリドについて言及された文献ではない。 脳内ニコチン性アセチルコリン受容体の構造、機能、薬理特性、発現及び欠損と疾病との関連性及びニコチン療法の可能性についての報告
38A	Tomizawa, Motohiro; Cowan, Alan; Casida, John E.	2001	Analgesic and Toxic Effects of Neonicotinoid Insecticides in Mice	Toxicology and Applied Pharmacology (2001), 177(1), 77-83	NTP	#9	日本のリスク評価に用いられるエンドポイントが得られていない論文
39A	Wu, I.-Wen; Lin, Ja-Liang [Reprint Author]; Cheng, En-Tsung	2001	Acute poisoning with the neonicotinoid insecticide imidacloprid in N-methyl pyrrolidone.	Journal of Toxicology Clinical Toxicology, (October, 2001) Vol. 39, No. 6, pp. 617-621. print.	NTP	#9	症例報告；ｲﾐﾀﾞｸﾛﾌﾟﾘﾄ9.6%含有製剤（界面活性剤<2%　Nmethyl pyrrolidone)を自殺目的で100ｍL服用した1例の症例報告　病歴、薬歴の記載がない。今後の治療の参考になる可能性があるが、リスク評価の利用の観点では適合性なしと考える。

40A	Dani, J. A.	2001	Overview of nicotinic receptors and their roles in the central nervous system	Biological Psychiatry (2001), 49(3), 166-174	EFSA	#5	イミダクロプリドについて言及された文献ではない。 主としてアルツハイマー病をもとに、ニコチン性アセチルコリン受容体の基本的な役割及びそのサブタイプに焦点をあてた総説
41A	See, Violaine; Boutillier, Anne-Laurence; Bito, Haruhiko; Loeffler, Jean-Philippe	2001	Calcium/calmodulin-dependent protein kinase type IV (CaMKIV) inhibits apoptosis induced by potassium deprivation in cerebellar granule neurons	FASEB Journal (2001), 15(1), 134-144	EFSA	#5	イミダクロプリドについて言及されていない。 Ca2+/calmodulin kinase (CaMK) シグナル伝達経路の神経保護機構についての研究報告であり、in vitroの初代小脳神経細胞(7日齢のマウス)を用いたものである。
42A	Tomizawa, Motohiro; Casida, John E.	2002	Desnitro - imidacloprid Activates the Extracellular Signal-Regulated Kinase Cascade via the Nicotinic Receptor and Intracellular Calcium Mobilization in N1E-115 Cells	Toxicology and Applied Pharmacology (2002), 184(3), 180-186	EFSA	#5; p.13	in vitro系；マウス神経芽細胞腫N1E-115細胞において、IMI、desnitro-イミダクロプリドおよび(-)-ニコチンがα4β2 nAChRとの一次相互作用を介して細胞外シグナル制御キナーゼ（ERK）カスケードを活性化するという仮説を検討した文献であるが、ここで得られた結果が、リスク評価に直接利用可能であるとはみなされなかった。
43A	Falk, Lena; Nordberg, Agneta; Seiger, Ake; Kjaeldgaard, Anders; Hellstrom-Lindahl, Ewa	2002	The alpha7 nicotinic receptors in human fetal brain and spinal cord.	Journal of Neurochemistry, (February, 2002) Vol. 80, No. 3, pp. 457-465. print.	EFSA	#5	イミダクロプリドについて言及された文献ではない。 胎児期におけるα7ニコチン性アセチルコリン受容体のレベルの発現に関する文献
44A	Hatton G I Hatton G I	2002	Glial-neuronal interactions in the mammalian brain	ADVANCES IN PHYSIOLOGY EDUCATION, (DEC 2002) Vol. 26, No. 4, pp. 225-237. ISSN: 1043-4046.	EFSA	#5	イミダクロプリドについて言及された文献ではない。 グリア細胞、特にアストロサイトとニューロンの間におこる形態学的及び機能学的相互作用に焦点を当てた総説
45A	Kimura-Kuroda, Junko; Nagata, Isao; Negishi-Kato, Midori; Kuroda, Yoichiro	2002	Thyroid hormone-dependent development of mouse cerebellar Purkinje cells in vitro	Developmental Brain Research (2002), 137(1), 55-65	EFSA	#5	イミダクロプリドについて言及された文献ではない。 In vitro系；甲状腺ホルモンが、プルキンエ細胞に直接、あるいは介在ニューロンやアストロサイトとの相互作用を介して間接的に作用し、マウスプルキンエ細胞の樹状突起の発達に重要な役割を果たすことを示唆した報告である。（培養液にはKCLが含まれている。）
46A	Laudenbach, Vincent; Medja, Fadia; Zoli, Michele; Rossi, Francesco M.; Evrard, Philippe; Changeux, Jean-Pierre; Gressens, Pierre	2002	Selective activation of central subtypes of the nicotinic acetylcholine receptor has opposite effects on neonatal excitotoxic brain injuries	FASEB Journal (2002), 16(3), 423-425, 10.1096/fj.01-0532fje	EFSA	#5	イミダクロプリドについて言及されている文献ではない。 内容；成熟動物では神経細胞に対し保護的であるα7 nAChRの活性化は新生児モデルでは有害であり、新生児ではα4β2 nAChRが神経保護に関与していることが報告されている。

47A	Tomizawa, Motohiro; Casida, John E.	2003	Selective toxicity of neonicotinoids attributable to specificity of insect and mammalian nicotinic receptors.	Annu. Rev. Entomol., Volume 48, Page 339-364, Publication Year 2003	EFSA	#5; p.8	⑧昆虫と哺乳類のnAChRとそのネオニコチノイド結合部位の機能的構造および分子的側面に関する概説であり、ネオニコチノイドの安全で効果的な殺虫剤の開発と使用を継続するための基礎を築くものであり、リスク評価に直接利用可能であるとはみなされなかった。
48A	Kaufmann, Wolfgang	2003	Current status of developmental neurotoxicity: an industry perspective	Toxicology Letters (2003), 140-141, 161-169	EFSA	#5	イミダクロプリドについて言及された文献ではない。 DNT試験の必要性、評価の難しさ及びOECDTG426及びUS-EPA OPPTS870.6300に基づく方法に基づき検討した事項が記載された文献
49A	Kramer, Dana; Fresu, Luigia; Ashby, Dominique S.; Freeman, Tom C.; Genazzani, Armando A.	2003	Calcineurin controls the expression of numerous genes in cerebellar granule cells	Molecular and Cellular Neuroscience (2003), 23(2), 325-330	EFSA	#5	イミダクロプリドについて言及された文献ではない。 カルシニューリンが受容体、転写因子、シグナル伝達分子など遺伝子の発現を活性化または制御することによって、神経細胞の遺伝子発現の基本的な役割を果たしていると述べている文献。木村黒田ペーパーに対する検証として報告されている文献である。
50A	Patterson, Freda; Benowitz, Neal; Shields, Peter; Kaufmann, Vyga; Jepson, Christopher; Wileyto, Paul; Kucharski, Susan; Lerman, Caryn	2003	Individual Differences in Nicotine Intake per Cigarette	Cancer Epidemiology, Biomarkers and Prevention (2003), 12(5), 468-471	EFSA	#5	イミダクロプリドについて言及された文献ではない。 喫煙による血中ニコチン濃度の上昇について、統計学的、喫煙状況、心理学的予測因子を調査した文献
51A	Raghavan, Malathi [Reprint Author]; Knapp, Deborah W.; Dawson, Marcia H.; Bonney, Patty L.; Glickman, Lawrence T.	2004	Topical flea and tick pesticides and the risk of transitional cell carcinoma of the urinary bladder in Scottish Terriers.	Journal of the American Veterinary Medical Association, (August 1 2004) Vol. 225, No. 3, pp. 389-394. print. ISSN: 0003-1488 (ISSN print).	NTP	#9	動物薬；外用ノミ・マダニ駆除薬の使用によるスコティッシュテリアの膀胱移行細胞がん（TCC）のリスクに関する症例対照研究
52A	Ballabh, Praveen; Braun, Alex; Nedergaard, Maiken	2004	The blood-brain barrier: an overview Structure, regulation, and clinical implications	Neurobiology of Disease (2004), 16(1), 1-13	EFSA	#5	イミダクロプリドについて言及された文献ではない。 血液脳関門の構造、制御、臨床的意義を述べた総説
53A	Sher, E.; Chen, Y.; Sharples, T. J. W.; Broad, L. M.; Zwart, G. Benedetti. R.; Mcphie, G. I.; Pearson, K. H.; Baldwinson, T.; De Filippi, G.	2004	Physiological roles of neuronal nicotinic receptor subtypes: New insights on the nicotinic modulation of neurotransmitter release, synaptic transmission and plasticity	Current Topics in Medicinal Chemistry (Sharjah, United Arab Emirates) (2004), 4(3), 283-297	EFSA	#5	イミダクロプリドについて言及された文献ではない。 神経細胞nAChRサブタイプの生理的役割について述べられたもので、nAChRは哺乳類の脳の発達と機能において重要な役割を担っていると報告されている文献
54A	Tribollet, E.; Bertrand, D.; Marguerat, A.; Raggenbass, M.	2004	Comparative distribution of nicotinic receptor subtypes during development, adulthood and aging: an autoradiographic study in the rat brain	Neuroscience (Oxford, United Kingdom) (2004), 124(2), 405-420	EFSA	#5	イミダクロプリドについて言及された文献ではない。 ニコチン受容体サブタイプの発生、成熟、老化における分布をラット脳におけるオートラジオグラフィーで調べたもので、比較検討されている、

55A	Karabay, N. Ulku; Oguz, M. Gunnehir.	2005	Cytogenetic and genotoxic effects of the insecticides, imidacloprid and methamidophos.	GMR, Genet. Mol. Res., Volume 4, Issue 4, Page 653-662, Publication Year 2005	EPA NTP	#1; Appendix 2-2 #9	⑭Tamaron®、Confidor®、Taifun®を被験物質として使用
56A	Seifert, Josef; Stollberg, Jes.	2005	Antagonism of a neonicotinoid insecticide imidacloprid at neuromuscular receptors.	Environ. Toxicol. Pharmacol., Volume 20, Issue 1, Page 18-21, Publication Year 2005	NTP	#9	カエル胚筋細胞のニコチン性アセチルコリン受容体（nAcChR）との相互作用をアセチルコリン、ニコチン、イミダクロプリドで比較、受精卵 (白色レグホーン、孵化 2〜3 日目)における催奇形性テストをイミダクロプリド及びニコチンでの比較した結果を調べたものであるが、研究の段階であり、更なる検討が必要と考えられ、この結果を直ちにリスク評価に使用することはできないものと考える。
57A	Proenca, Paula; Teixeira, Helena; Castanheira, Fernando; Pinheiro, Joao; Monsanto, Paula V.; Marques, Estela P.; Vieira, Duarte Nuno.	2005	Two fatal intoxication cases with imidacloprid: LC/MS analysis.	Forensic Sci. Int., Volume 153, Issue 1, Page 75-80, Publication Year 2005	NTP	#9	イミダクロプリドを自殺目的で摂取し死亡した2例の症例報告；血液、尿、肝、肺、胃内内容物サンプルを用いてイミダクロプリドを検出及び定量方法を検証し、私語の組織分布について報告されているので、今後の治療に利用できる可能性がある。一方、リスク評価への利用と言う観点では適合性なしと考える。
58A	Rousseau Stephen J; Jones Ian W; Pullar Ian A; Wonnacott Susan	2005	Presynaptic alpha7 and non-alpha7 nicotinic acetylcholine receptors modulate [3H]d-aspartate release from rat frontal cortex in vitro.	Neuropharmacology, (2005 Jul) Vol. 49, No. 1, pp. 59-72. Electronic Publication Date: 21 Apr 2005	EFSA	#5	イミダクロプリドについて言及された文献ではない。 ラット前頭皮質におけるnAChRによる興奮性アミノ酸の放出を直接特徴付けることを目的に実施された試験の報告
59A	Sato, Masaaki; Suzuki, Kazunori; Yamazaki, Hiroshi; Nakanishi, Shigetada	2005	A pivotal role of calcineurin signaling in development and maturation of postnatal cerebellar granule cells	Proceedings of the National Academy of Sciences of the United States of America (2005), 102(16), 5874-5879	EFSA	#5	イミダクロプリドについて言及された文献ではない。 脱分極とFK506処理によって、多数の遺伝子の発現レベルが制御されていること、またCaNシグナルは生後間もない小脳顆粒細胞の発生とシナプス形成に極めて重要な役割を果たすことが明らかとなったと報告された文献。
60A	Suzuki, Kazunori; Sato, Masaaki; Morishima, Yosuke; Nakanishi, Shigetada	2005	Neuronal depolarization controls brain-derived neurotrophic factor-induced upregulation of NR2C NMDA receptor via calcineurin signaling	Journal of Pharmacology and Experimental Therapeutics (1998), 285(3), 931-945	EFSA	#5	イミダクロプリドについて言及された文献ではない。 脳由来神経栄養因子(BDNF)とCa2+シグナルカスケードの収束機構は、小脳の発達過程における顆粒細胞のNMDA受容体のサブユニット構成がNR2Cへの誘導において重要な制御的役割を担っていると報告された文献。

61B	Huang, Neng-Chyan, Dr. (Correspondence); Chung, Hsiao-Min	2006	Fatal ventricular fibrillation in a patient with acute imidacloprid poisoning .	American Journal of Emergency Medicine, (Nov 2006) Vol. 24, No. 7, pp. 883-885. Refs: 8 ISSN: 0735-6757 CODEN: AJEMEN	NTP	#9	高血圧症、ラクナ梗塞(8ヵ月前)を患った女性1例のイミダクロプリド製剤（Confidor）を200mLを服用した報告 特に冠動脈疾患のあるヒトにとって、今後の治療の際参考になる可能性がある。一方、薬歴などの情報はなく、リスク評価への利用という観点からは適合性なしと考える。
62	Ford, Kevin A.; Casida, John E.	2006	Chloropyridinyl neonicotinoid insecticides: Diverse molecular substituents contribute to facile metabolism in mice.	Chem. Res. Toxicol., Volume 19, Issue 7, Page 944-951, Publication Year 2006	EFSA	#5; p.17	⑯b, c (腹腔内投与)
63C	Skandrani, D.; Gaubin, Y.; Beau, B.; Murat, J. C.; Vincent, C.; Croute, F.	2006	Effect of selected insecticides on growth rate and stress protein expression in cultured human A549 and SH-SY5Y cells.	Toxicol. in Vitro, Volume 20, Issue 8, Page 1378-1386, Publication Year 2006	NTP	#9	非GLP/準拠した試験ガイドラインの記載がない。 陽性対照物質が設定されていない。用いた方法はタンパク質レベルの定量法として最適でなない。
64A	Engelhardt, Britta	2006	Regulation of immune cell entry into the central nervous system	Results and Problems in Cell Differentiation (2006), 43(Cell Communication in Nervous and Immune System), 259-280	EFSA	#5	イミダクロプリドについて言及された文献ではない。 実験的自己免疫性脳脊髄炎（EAE）の研究から得られた情報をもとに、中枢神経系への免疫細胞のentryについて説明されている文献
65A	Nakanishi Shigetada; Okazawa Makoto	2006	Membrane potential-regulated Ca2+ signalling in development and maturation of mammalian cerebellar granule cells.	The Journal of physiology, (2006 Sep 01) Vol. 575, No. Pt 2, pp. 389-95. Electronic Publication Date: 22 Jun 2006 Ref: 33	EFSA	#5	イミダクロプリドについて言及された文献ではない。 膜電位変化とそれに伴うCa2+シグナル伝達は、ヒトの小脳顆粒細胞のの発達と成熟に極めて重要な役割を担っていることが述べられた文献
66A	Swenson RS	2006	Review of clinical and functional neuroscience. Motor system - The cerebellum (Chapter 8B).	Dartmouth Medical School	EFSA	#5	教科書
67B	David, Deepu; George, Ige Abraham; Peter, John Victor.	2007	Toxicology of the newer neonicotinoid insecticides: Imidacloprid poisoning in a human.	Clin. Toxicol., Volume 45, Issue 5, Page 485-486, Publication Year 2007	NTP	#9	17.8%製剤30mLを意図的に服用した1例の症例報告 治療の際、参考になる可能性がある。しかし、病歴、薬歴などの情報がない。リスク評価への利用という観点からは適合性なしと考える。
68B	Agarwal, Ritesh, Dr. (Correspondence); Srinivas, Rajagopala	2007	Severe neuropsychiatric manifestations and rhabdomyolysis in a patient with imidacloprid poisoning .	American Journal of Emergency Medicine, (Sep 2007) Vol. 25, No. 7, pp. 844-845. Refs: 4 ISSN: 0735-6757 CODEN: AJEMEN	NTP	#9	Correspondence;査読なし
69	Dick, Ryan A.; Kanne, David B.; Casida, John E.	2007	Nitroso-Imidacloprid Irreversibly Inhibits Rabbit Aldehyde Oxidase.	Chem. Res. Toxicol., Volume 20, Issue 12, Page 1942-1946, Publication Year 2007	EFSA	#5; p.9	⑱

70A	Mao C; Lv J; Li H; Chen Y; Wu J; Xu Z	2007	Development of fetal nicotine and muscarinic receptors in utero.	Brazilian journal of medical and biological research equals Revista brasileira de pesquisas medicas e biologicas, (2007 May) Vol. 40, No. 5, pp. 735-41. Ref: 60	EFSA	#5	イミダクロプリドについて言及されている文献ではない。 胎児のニコチン受容体とムスカリン受容体の発達に着目し、出生前の胎児血圧と体液バランスの制御において中枢性コリン作動性システムが十分に発達していることを示す情報が提供された総説。
71A	Matta, Shannon G.; Balfour, David J.; Benowitz, Neal L.; Boyd, R. Thomas; Buccafusco, Jerry J.; Caggiula, Anthony R.; Craig, Caroline R.; Collins, Allan C.; Damaj, M. Imad; Donny, Eric C.; Gardiner, Phillip S.; Grady, Sharon R.; Heberlein, Ulrike; Leonard	2007	Guidelines on nicotine dose selection for in vivo research	Psychopharmacology (Berlin, Germany) (2007), 190(3), 269-319	EFSA	#5	イミダクロプリドについて言及されている文献ではない。 ニコチンのin vivo影響に関する研究のため、種に適した用量の選択について、実験に基づく新しいまとめを提供している総説
72A	OECD	2007	Test Guideline 426. OECD Guideline for testing of Chemicals. Developmental Neurotoxicity Study, 2007.	Available online:http://www.oecd.org/document/55/0,3343,en_2649_34377_2349687_1_1_1_1,00.html	EFSA	#5	発達毒性に関するOECDガイドライン426
73B	Shadnia, S.; Moghaddam, H. H.	2008	Fatal intoxication with imidacloprid insecticide.	American Journal of Emergency Medicine (2008), Volume 26, Number 5, pp. 634.e1-634.e4, 17 refs. ISSN: 0735-6757 DOI: 10.1016/j.ajem.2007.09.024 Published by: Saunders, An Imprint of Elsevier, St. Louis URL (Availability): http://www.sciencedirect.com/scie	NTP	#9	1例の症例報告；イミダクロプリド製剤を350mLを服用した例の症例報告，今後の治療に参考なる可能性がある。一方、製剤名の記載なしく実際のイミダクロプリドの服用量がわからない。また服用前は健康とされているが、薬歴などの情報なし。リスク評価への利用と言う観点では適合性なしと考える。
74	Abou-Donia, Mohamed B. [Reprint Author]; Goldstein, Larry B.; Bullman, Sarah; Tu, T.; Khan, Wasi A.; Dechkovskaia, Ankelika M.; Abdel-Rahman, Ali A.	2008	Imidacloprid induces neurobehavioral deficits and increases expression of glial fibrillary acidic protein in the motor cortex and hippocampus in offspring rats following in utero exposure .	Journal of Toxicology and Environmental Health Part A, (2008) Vol. 71, No. 1-2, pp. 119-130. ISSN: 1528-7394.	EFSA NTP	#5; p.17 #9	⑯ｃ（腹腔内投与）
75A	Engelhardt, Britta	2008	The blood-central nervous system barriers actively control immune cell entry into the central nervous system	Current Pharmaceutical Design (2008), 14(16), 1555-1565	EFSA	#5	イミダクロプリドについて言及された文献ではない。 免疫細胞の中枢神経系へのentryに関する現在の知見の要約
76A	Todani Masaki; Kaneko Tadashi; Hayashida Hiromi; Kaneda Kotaro; Tsuruta Ryosuke; Kasaoka Shunji; Maekawa Tsuyoshi	2008	Acute poisoning with neonicotinoid insecticide acetamiprid.	Chudoku kenkyu : Chudoku Kenkyukai jun kikanshi equals The Japanese journal of toxicology, (2008 Oct) Vol. 21, No. 4, pp. 387-90.	EFSA	#5	イミダクロプリドについて言及された文献ではない。 内容；アセタミプリドによる中毒例情報
77A	Tyl, Rochelle W.; Crofton, Kevin; Moretto, Angelo; Moser, Virginia; Sheets, Larry P.; Sobotka, Thomas J.	2008	Identification and interpretation of developmental neurotoxicity effects - A report from the ILSI Research Foundation/Risk Science Institute expert working group on neurodevelopmental endpoints.	Neurotoxicology and Teratology, (JUL-AUG 2008) Vol. 30, No. 4, pp. 349-381. http://www.sciencedirect.com/science/journal/08920362.	EFSA	#5	発達神経毒性を信頼性高く検出、測定、解釈をするための意見書／総説

78B	See, A. M. [Reprint Author]; Mcgill, S. E.; Raisis, A. L.; Swindells, K. L.	2009	Toxicity in three dogs from accidental oral administration of a topical endectocide containing moxidectin and imidacloprid .	Australian Veterinary Journal, (AUG 2009) Vol. 87, No. 8, pp. 334-337.	NTP	#9	動物用駆虫薬に関するイヌの偶発的な経口摂取（モキシデクチンとイミダクロプリドの混合剤）
79B	Panigrahi, Ashish Kumar, Dr. (Correspondence); Subrahmanyam, D.K.S.; Mukku, Kiran K.	2009	Imidacloprid poisoning : a case report.	American Journal of Emergency Medicine, (February 2009) Vol. 27, No. 2, pp. 256.e5-256.e6. Refs: 6 ISSN: 0735-6757 CODEN: AJEMEN	NTP	#9	自殺目的で17.8%SLを50mL服用した1例の症例報告:今後の治療において参考となる可能性がある。一方、病歴、薬歴などの情報がない。リスク評価への利用という観点では、適合性なしと考える。
80B	Phua, Dong Haur; Lin, Chun Chi; Wu, Ming-Ling; Deng, Jou-Fang; Yang, Chen-Chang.	2009	Neonicotinoid insecticides: an emerging cause of acute pesticide poisoning.	Clin. Toxicol., Volume 47, Issue 4, Page 336-341, Publication Year 2009	NTP	#9	ネオニコチノイドを対象とした報告であるが、中毒例のほとんどはイミダクロプリド単独の自殺目的摂取。正確な時期、服用量、発症までの経過時間、軽微な影響に関する正確な情報は、不完全、または不正確である可能性が高い。今後の治療の際参考になる可能性がある。しかし、リスク評価に利用と言う観点では適合性なしと考える。
81B	Karatas, Aydin Deniz, Dr. (Correspondence)	2009	Severe central nervous system depression in a patient with acute imidacloprid poisoning .	American Journal of Emergency Medicine, (November 2009) Vol. 27, No. 9, pp. 1171.e5-1171.e7. Refs: 13 ISSN: 0735-6757 CODEN: AJEMEN	NTP	#9	1例の症例報告；自殺目的でイミダクロプリド製剤を服用，今後の治療の際参考になる可能性がある。しかし、服用量が明記されていない。また服用前は健康とされているが、薬歴等不明。。今後の治療の際参考になる可能性がある。一方、リスク評価への利用という観点から適合性なしと考える。
82	Mohamed, Fahim; Gawarammana, Indika; Robertson, Thomas A.; Roberts, Michael S.; Palangasinghe, Chathura; Zawahir, Shukry; Jayamanne, Shaluka; Kandasamy, Jaganathan; Eddleston, Michael; Buckley, Nick A.; Dawson, Andrew H.; Roberts, Darren M.	2009	Acute human self-poisoning with imidacloprid compound: a neonicotinoid insecticide.	PLoS One, Volume 4, Issue 4, Page No pp. given, Publication Year 2009	EFSA NTP	#5; p.7, 22 #9	期間；2002年3月から2007年3月にイミダクロプリドを意図的に摂取したことによりスリランカ3病院を受診した患者を調査　総56名 製剤名などは聞き取り調査によるとしているが、明記されていない。重篤となった2例について詳細な症例報告あり。今後の治療に参考となる可能性があるが、リスク評価への利用の観点からは適合性なしと考える。
83A	Albuquerque, Edson X.; Pereira, Edna F. R.; Alkondon, Manickavasagom; Rogers, Scott W.	2009	Mammalian nicotinic acetylcholine receptors: from structure to function	Physiological Reviews (2009), 89(1), 73-120	EFSA	#5	イミダクロプリドについて言及された文献ではない。 nAChRに関する研究に関する論文（review）
84A	Andre Pascal; Debray Marcel; Scherrmann Jean-Michel; Cisternino Salvatore	2009	Clonidine transport at the mouse blood-brain barrier by a new H+ antiporter that interacts with addictive drugs.	Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism, (2009 Jul) Vol. 29, No. 7, pp. 1293-304. Electronic Publication Date: 20 May 2009	EFSA	#5	イミダクロプリドについて言及された文献ではない。 薬物トランスポーターの同定とそのin vivoでの意義に関連して、クロニジンの血液脳関門を介した輸送について調べた文献

85A	Azevedo, Frederico A. C.; Carvalho, Ludmila R. B.; Grinberg, Lea T.; Farfel, Jose Marcelo; Ferretti, Renata E. L.; Leite, Renata E. P.; Jacob Filho, Wilson; Lent, Roberto; Herculano-Houzel, Suzana	2009	Equal Numbers of Neuronal and Nonneuronal Cells Make the Human Brain an Isometrically Scaled-Up Primate Brain.	Journal of Comparative Neurology, (APR 10 2009) Vol. 513, No. 5, pp. 532-541.	EFSA	#5	イミダクロプリドについて言及されていない。 等方性分画法を用いて、ヒト脳のニューロンとグリア細胞の絶対数を決定し、この値とヒトサイズの霊長類の予想値を比較した文献
86A	Dwyer Jennifer B; Mcquown Susan C; Leslie Frances M	2009	The dynamic effects of nicotine on the developing brain.	Pharmacology and therapeutics, (2009 May) Vol. 122, No. 2, pp. 125-39. Electronic Publication Date: 5 Mar 2009 Ref: 282	EFSA	#5	イミダクロプリドについて言及された文献ではない。 ニコチン性アセチルコリン受容体に関連したニコチンの影響をのべた文献
87A	Gizer, Ian R.; Ficks, Courtney; Waldman, Irwin D.	2009	Candidate gene studies of ADHD: a meta-analytic review	Human Genetics (2009), 126(1), 51-90	EFSA	#5	イミダクロプリドについて言及された文献ではない。 小児期ADHDに関与する候補遺伝子に関する研究
88A	Webster R	2009	Blood brain barrier maturation: implications for drug development.	Available online: http://www.ema.europa.eu/docs/en_GB/document_library/Presentation/2009/11/WC500009793.pdf 18314732, 2013, 12, Downloaded from https://efsa.onlinelibrary.wiley.com/doi/10.2903/j.efsa.2013.3471 by Bayer Ag, Wiley Online Library on [30/05/2023]. See the Terms and Conditions (https://onlinelibrary.wiley.com/terms-and-conditions) on Wiley Online Library for rules of use; OA articles are governed by the applicable Creative Commons License	EFSA	#5	イミダクロプリドについて言及された文献ではない。 創薬に関連した血管-脳関門の発達に関するもので、イミダクロプリドについてリスク評価に参照できるデータが含まれていない。
89B	Khan, Dilshad Ahmed; Hashmi, Imran; Mahjabeen, Wajiha; Naqvi, Tatheer A.	2010	Monitoring health implications of pesticide exposure in factory workers in Pakistan.	Environ. Monit. Assess., Volume 168, Issue 1-4, Page 231-240, Publication Year 2010	NTP	#9	大、中、小規模工場労働者の農薬曝露による健康への有害影響を血漿コリンエステラーゼ、血中農薬濃度、一般臨床生化学検査（腎・腎）等を測定することにより調べたものであるが、イミダクロプリドに特化した報告ではないことから、適合性なしと判断した。
90B	Yeh, I-Jeng, Dr. (Correspondence)	2010	Acute multiple organ failure with imidacloprid and alcohol ingestion.	American Journal of Emergency Medicine, (February 2010) Vol. 28, No. 2, pp. 255.e1-255.e3. Refs: 14 ISSN: 0735-6757 CODEN: AJEMEN	NTP	#9	イミダクロプリドを18.2%含む製剤をアルコール飲料とともに意図的に服用した67歳の男性の1例の症例報告 今後の治療の際参考になる可能性がある。一方、服用量不明、服用前の病歴、薬歴などの情報もなく、リスク評価の観点からは適合性なしと考える。
91B	Iyyadurai, Ramya; Peter, John Victor	2010	Imidacloprid poisoning -newer insecticide and fatal toxicity .	Journal of Medical Toxicology, (March, 2010) Vol. 6, No. 1, pp. 77-78. Refs: 7 ISSN: 1556-9039; E-ISSN: 1937-6995	NTP	#9	Letter to edditor;査読なしの文献

92	Bal, Ramazan; Erdogan, Suat; Theophilidis, George; Baydas, Giyasettin; Naziroglu, Mustafa.	2010	Assessing the effects of the neonicotinoid insecticide imidacloprid in the cholinergic synapses of the stellate cells of the mouse cochlear nucleus using whole-cell patch-clamp recording.	NeuroToxicology, Volume 31, Issue 1, Page 113-120, Publication Year 2010	EFSA NTP	#5; p.17 #9	⑱
93C	Nellore Kishandar; Raj Kumar; Rani, C. T. U.; Doss, P. J.; Kishandar, N.; Kumar, R.	2010	Studies on the effect imidacloprid toxicity on the acetylcholin esterase activity levels in different regions of brain of albino rat .	International Journal of Agriculture Environment and Biotechnology (2010), Volume 3, Number 4, pp. 377-380, 25 refs. ISSN: 0974-1712 Published by: New Delhi	NTP	#9	⑯e 被験物質の純度及び供給源の情報なし。 用量設定が不明瞭。
94A	Bal-Price, Anna K.; Hogberg, Helena T.; Buzanska, Leonora; Coecke, Sandra	2010	Relevance of in vitro neurotoxicity testing for regulatory requirements: Challenges to be considered	Neurotoxicology and Teratology (2010), 32(1), 36-41	EFSA	#5	イミダクロプリドについて言及された文献ではない。 in vitro発達神経毒性試験の有用性及び開発に関する文献
95A	Bal-Price, Anna K.; Hogberg, Helena T.; Buzanska, Leonora; Lenas, Petros; Van Vliet, Erwin; Hartung, Thomas	2010	In vitro developmental neurotoxicity (DNT) testing: Relevant models and endpoints	NeuroToxicology (2010), 31(5), 545-554	EFSA	#5	イミダクロプリドについて言及された文献ではない。 in vitro系発達神経毒性（DNT）評価のための関連モデルおよびエンドポイントについて紹介された文献。
96A	Campbell Nolan R; Fernandes Catarina C; Halff Andrew W; Berg Darwin K	2010	Endogenous signaling through alpha7-containing nicotinic receptors promotes maturation and integration of adult-born neurons in the hippocampus.	The Journal of neuroscience : the official journal of the Society for Neuroscience, (2010 Jun 30) Vol. 30, No. 26, pp. 8734-44.	EFSA	#5	イミダクロプリドについて言及された文献ではない。 歯状回における神経新生における神経細胞の正常な生存、成熟、統合にα7-nAChRが必要であることが示されている。
97A	Machado De Oliveira, Iris; Ferreira Nunes, Brenda Viviane; Rafael Barbosa, Duran; Miguel Pallares, Alfonso; Ferreira Faro, Lilian Rosana	2010	Effects of the neonicotinoids thiametoxam and clothianidin on in vivo dopamine release in rat striatum.	Toxicology Letters (Shannon), (FEB 15 2010) Vol. 192, No. 3, pp. 294-297. http://www.elsevier.com/locate/toxlet.	EFSA	#5	イミダクロプリドについて言及された文献ではない。 被験物質として、Thiamethoxam及びclothianidinが用いて、ラット線条体のドーパミン作動系に及ぼす影響を調べた文献
98A	Gervais JA, Luukinen B, Buhl K and Stone D	2010	Imidacloprid Technical Fact Sheet	National Pesticide Information Center, Oregon State University Extension Services. http://npic.orst.edu/factsheets/imidacloprid.pdf	EFSA	#5	化学物質情報で査読済みの公表文献ではない
99A	Hogberg, Helena T.; Kinsner-Ovaskainen, Agnieszka; Coecke, Sandra; Hartung, Thomas; Bal-Price, Anna K.	2010	mRNA Expression is a Relevant Tool to Identify Developmental Neurotoxicants using an in vitro Approach	Toxicological Sciences (2010), 113(1), 95-115	EFSA	#5	イミダクロプリドについて言及された文献ではない。 in vitro系発達神経毒性検出法としてmRNAレベルでの遺伝子発現が、異なる毒性のメカニズムによって誘発されるDNTを最初に特定するための高感度ツールとして使用できることを述べている文献。

100A	Imamura, Tomonori; Yanagawa, Youichi; Nishikawa, Kahoko; Matsumoto, Naoto; Sakamoto, Toshihisa	2010	Two cases of acute poisoning with acetamiprid in humans.	Clinical Toxicology, (OCT 2010) Vol. 48, No. 8, pp. 851-853. ISSN: 1556-3650. E-ISSN: 1556-9519.	EFSA	#5	アセタミプリドの中毒例２例の情報であり、これらの症状とイミダクロプリドでみられた症状と比較がなされているが、イミダクロプリドについて、症例の情報、暴露量、暴露条件等の記載がなく、リスク評価に使用できない。
101A	Raffaele, Kathleen C.; Rowland, Jess; May, Brenda; Makris, Susan L.; Schumacher, Kelly; Scarano, Louis J.	2010	The use of developmental neurotoxicity data in pesticide risk assessments	Neurotoxicology and Teratology (2010), 32(5), 563-572	EFSA	#5	イミダクロプリドについて言及された文献ではない。 2008年12月現在、69の農薬等に関するDNT研究のOPPによる最終レビューが入手可能であり、現行のガイドラインのDNT試験プロトコルを用いて得られたデータが、リスク評価に有用であることを示すと述べられた文献。
102B	Kishor Viradiya; Ajay Mishra; Viradiya, K.; Mishra, A.	2011	Imidacloprid poisoning .	Journal of the Association of Physicians of India (2011), Volume 59, Number September, pp. 594-595, 6 refs. ISSN: 0004-5772 Published by: Association of Physicians of India, Mumbai URL (Availability): http://www.japi.org/september_2011/14_CR_Imidaclopri d	NTP	#9	症例報告；70%含有製剤７５mLを意図的服用した1例。今後の治療の際参考になる可能性がある。一方、服用前の病歴、薬歴などの情報もなく、リスク評価の観点からは適合性なしと考える。
103	Li Ping; Ann Jason; Akk Gustav	2011	Activation and modulation of human .alpha.4.beta.2 nicotinic acetylcholine receptors by the neonicotinoids clothianidin and imidacloprid.	Journal of neuroscience research, (2011 Aug) Vol. 89, No. 8, pp. 1295-301. Electronic Publication: 2011-04-28.	EFSA NTP	#5; p.17 #9	⑱
104A	Liebner, Stefan; Czupalla, Cathrin J.; Wolburg, Hartig	2011	Current concepts of blood-brain barrier development	International Journal of Developmental Biology (2011), 55(4/5), 467-476	EFSA	#5	イミダクロプリドについて言及されている文献ではない。 血液脳関門(BBB)の発生側面に焦点をあて、形成と維持にかかわる経路と分子間相互作用について述べられている。
105A	Nagumo, Yasuyuki; Takeuchi, Yuichi; Imoto, Keiji; Miyata, Mariko	2011	Synapse-and subtype-specific modulation of synaptic transmission by nicotinic acetylcholine receptors in the ventrobasal thalamus	Neuroscience Research (Shannon, Ireland) (2011), 69(3), 203-213	EFSA	#5	イミダクロプリドについて言及された文献ではない。 視床下部におけるニコチン性アセチルコリン受容体によるシナプス伝達におけるシナプスおよびサブタイプ特異的制御についての文献
106A	Wu, Chih-Hsiung; Lee, Chia-Hwa; Ho, Yuan-Soon	2011	Nicotinic Acetylcholine Receptor-Based Blockade: Applications of Molecular Targets for Cancer Therapy	Clinical Cancer Research (2011), 17(11), 3533-3541	EFSA	#5	イミダクロプリドについて言及された文献ではない。 nAChRについての臨床応用のための標的としての価値について記載された文献

107A	Yasui, Dag H.; Scoles, Haley A.; Horike, Shin-Ichi; Meguro-Horike, Makiko; Dunaway, Keith W.; Schroeder, Diane I.; Lasalle, Janine M.	2011	15q11.2-13.3 chromatin analysis reveals epigenetic regulation of CHRNA7 with deficiencies in Rett and autism brain	Human Molecular Genetics (2011), 20(22), 4311-4323	EFSA	#5	イミダクロプリドについて言及された文献ではない。 ヒト15q11.2-13.3のクロマチン構造について研究し、レット症候群および自閉症患者の前頭皮質でCHFRNA7 の発現が有意に減少していることを明らかにし、15q11.2-13.3内の長距離クロマチン相互作用の消失が、複数のヒト神経発達障害関連していると述べられている文献
108B	Agha, Adnan (Correspondence); Bella, Abdelhaleem; Aldosary, Barrak; Kazzi, Ziad N; Alhumaidi, Mohammad Awad	2012	Imidacloprid poisoning presenting as leukoclastic vasculitis with renal and hepatic dysfunction..	Saudi journal of kidney diseases and transplantation : an official publication of the Saudi Center for Organ Transplantation, Saudi Arabia, (Nov 2012) Vol. 23, No. 6, pp. 1300-1303. ISSN: 1319-2442	NTP	#9	Letter to editor;査読なし
109	Bal, Ramazan; Turk, Gaffari; Tuzcu, Mehmet; Yilmaz, Okkes; Kuloglu, Tuncay; Gundogdu, Ramazan; Gur, Seyfettin; Agca, Ali; Ulas, Mustafa; Cambay, Zafer; Tuzcu, Zeynep; Gencoglu, Hasan; Guvenc, Mehmet; Ozsahin, Ayse Dilek; Kocaman, Nevin; Aslan, Abdullah; E	2012	Assessment of imidacloprid toxicity on reproductive organ system of adult male rats.	J. Environ. Sci. Health, Part B, Volume 47, Issue 5, Page 434-444, Publication Year 2012	EPA NTP	#1 #9	被験物質について供給源及び純度の記載なし。 各検査に用いた動物数が不明 病理組織学的検査所見の写真はあるが頻度及び程度の記載がない/陽性対象として雌（今回の試験には用いられていない）の肺の写真を載せている。 EPA＃１でinvalidと評価
110	Bal, Ramazan; Naziroglu, Mustafa; Tuerk, Gaffari; Yilmaz, Oekkes; Kuloglu, Tuncay; Etem, Ebru; Baydas, Giyasettin.	2012	Insecticide imidacloprid induces morphological and DNA damage through oxidative toxicity on the reproductive organs of developing male rats.	Cell Biochem. Funct., Volume 30, Issue 6, Page 492-499, Publication Year 2012	EPA NTP	#1 #9	非GLP/準拠したガイドラインの記載なし 被験物質の純度及び供給源の情報が記載されていない。 ラット90日間反復経口毒性試験については投与開始時期は生後7日齢 病理組織学的検査所見はあるが、頻度などの記載なし。
111C	Calderon-Segura, Maria Elena; Gomez-Arroyo, Sandra; Villalobos-Pietrini, Rafael; Martinez-Valenzuela, Carmen; Carbajal-Lopez, Yolanda; Calderon-Ezquerro, Maria Del Carmen; Cortes-Eslava, Josefina; Garcia-Martinez, Rocio; Flores-Ramirez, Diana; Rodriguez-R	2012	Evaluation of genotoxic and cytotoxic effects in human peripheral blood lymphocytes exposed in vitro to neonicotinoid insecticides news.	J. Toxicol., Page 612647, 11 pp., Publication Year 2012	NTP	#9	日本で登録されている処方以外の製剤を用いた研究 リンパ球を提供したドナーについての情報不足（年齢(若年齢）、非喫煙者等の記録がない。） 陽性対照が設定されていない。 陽性対照、陰性対照の背景データー情報なし
112C	Mohany, Mohamed; El-Feki, Mostafa; Refaat, Inas; Garraud, Olivier; Badr, Gamal.	2012	Thymoquinone ameliorates the immunological and histological changes induced by exposure to imidacloprid insecticide.	J. Toxicol. Sci., Volume 37, Issue 1, Page 1-11, Publication Year 2012	EPA NTP	#1 #9	⑭

113A	Bal-Price Anna K; Coecke Sandra; Costa Lucio; Crofton Kevin M; Fritsche Ellen; Goldberg Alan; Grandjean Philippe; Lein Pamela J; Li Abby; Lucchini Roberto; Mundy William R; Padilla Stephanie; Persico Antonio M; Seiler Andrea E M; Kreysa Joachim	2012	Advancing the science of developmental neurotoxicity (DNT): testing for better safety evaluation.	ALTEX, (2012) Vol. 29, No. 2, pp. 202-15.	EFSA	#5	イミダクロプリドについて言及された文献ではない。 発達神経毒性に関する安全評価のための試験法についての会議報告書
114A	Biran Valerie; Verney Catherine; Ferriero Donna M	2012	Perinatal cerebellar injury in human and animal models.	Neurology research international, (2012) Vol. 2012, pp. 858929. Electronic Publication Date: 23 Feb 2012	EFSA	#5	イミダクロプリドについて言及された文献ではない。 ヒトおよびげっ歯類の小脳の形態形成、組織形成についての解説
115A	Kousik, Sharanya M.; Celeste Napier, T.; Carvey, Paul M.	2012	The effects of psychostimulant drugs on blood brain barrier function and neuroinflammation	Frontiers in Neuropharmacology (2012), 6(June), 121	EFSA	#5	イミダクロプリドについて言及された文献ではない。 精神刺激薬の乱用に伴う血液脳関門内の構成要素の特異的な変化とそれに伴う神経毒性の可能性についての概要と、精神刺激薬とHIV併存疾患に伴う神経組織の悪化に関する情報が提供されている概説。
116A	Olofsson, Peder S.; Katz, David A.; Rosas-Ballina, Mauricio; Levine, Yaakov A.; Ochani, Mahendar; Valdes-Ferrer, Sergio I.; Pavlov, Valentin A.; Tracey, Kevin J.; Chavan, Sangeeta S.	2012	alpha7 nicotinic acetylcholine receptor (alpha7nAChR) expression in bone marrow-derived non-T cells is required for the inflammatory reflex	Molecular Medicine (Manhasset, NY, United States) (2012), 18(3), 539-543	EFSA	#5	イミダクロプリドについて言及された文献ではない。 骨髄由来の非T細胞におけるα7nAChR発現が炎症反射(inframmatory reflex)に必要であることが示された文献
117C	Rose, Patrick H.	2012	Nicotine and the neonicotinoids	Issues in Toxicology (2012), 12(Mammalian Toxicology of Insecticides), 184-220	EFSA	#5	ニコチンとイミダクロプリドを含むネオニコチノイド系殺虫剤7種の毒性について論じられている文献。リスク評価をする上で十分なデータや情報を含んでいない。
118A	Singh, Tej Bahadur; Mukhopadhayay, Sunit Kumar; Sar, Tapas Kumar; Ganguly, Subha	2012	Induced acetamiprid toxicity in mice: a review	Journal of Drug Metabolism and Toxicology (2012), 3(6), 1000e115/1-1000e115/2	EFSA	#5	イミダクロプリドについて言及されていない。 アセタミプリドのマウスに対する毒性のレビュー
119A	Taly Antoine; Charon Sebastien	2012	alpha7 nicotinic acetylcholine receptors: a therapeutic target in the structure era.	Current drug targets, (2012 May) Vol. 13, No. 5, pp. 695-706.	EFSA	#5	イミダクロプリドについて言及された文献ではない。 創薬ターゲット（構造・機能）としてのα7ｎAchRの紹介であり、リスク評価に用いられるエンドポイントに関連した文献ではない。
120A	Takarada, Takeshi; Nakamichi, Noritaka; Kitajima, Seiya; Fukumori, Ryo; Nakazato, Ryota; Nguyen, Quynh Le; Kim, Yeong-Hun; Fujikawa, Koichi; Kou, Miki; Yoneda, Yukio	2012	Promoted neuronal differentiation after activation of alpha4/beta2 nicotinic acetylcholine receptors in undifferentiated neural progenitors	PLoS One (2012), 7(10), e46177	EFSA	#5	イミダクロプリドについて言及された文献ではない。 げっ歯類胚の大脳新皮質から調製した未分化神経前駆細胞におけるニコチン性アセチルコリン受容体（nAChR）の機能発現の可能性を評価した文献

121A	Williams, Nigel M.; Franke, Barbara; Mick, Eric; Anney, Richard J. L.; Freitag, Christine M.; Gill, Michael; Thapar, Anita; Odonovan, Michael C.; Owen, Michael J.; Holmans, Peter; Kent, Lindsey; Middleton, Frank; Zhang-James, Yanli; Liu, Lu; Meyer, Jobst;	2012	Genome-Wide Analysis of Copy Number Variants in Attention Deficit Hyperactivity Disorder: The Role of Rare Variants and Duplications at 15q13.3.	American Journal of Psychiatry, (FEB 2012) Vol. 169, No. 2, pp. 195-204.	EFSA	#5	イミダクロプリドについて言及された文献ではない。 注意欠損多動性障害の病因に重要であるコピー数変異についての知見を報告した文献
122B	Park, Yooheon; Kim, Younghwa; Kim, Jonggun; Yoon, Kyong Sup; Clark, John; Lee, Junsoo; Park, Yeonhwa.	2013	Imidacloprid, a Neonicotinoid Insecticide, Potentiates Adipogenesis in 3T3-L1 Adipocytes.	J. Agric. Food Chem., Volume 61, Issue 1, Page 255-259, Publication Year 2013	NTP	#9	ネオニコチノイドとして代表的なイミダクロプリドの脂質代謝における役割を3TS－L1脂肪細胞を用いて明らかにしたものであるが、この文献でヒトの肥満におけるイミダクロプリドの寄与の可能性について外挿するには、更なるin vivoと疫学調査研究が必要と結論している。以上のことから、リスク評価に利用可能ではないものと考える。
123B	Swenson, Tami L.; Casida, John E.	2013	Neonicotinoid formaldehyde generators: Possible mechanism of mouse-specific hepatotoxicity/hepatocarcinogenicity of thiamethoxam	Toxicology Letters (2013), 216(2-3), 139-145	NTP	#9	イミダクロプリドはネオニコチノイドのひとつとして本文に記載があるが、この文献は、チアメトキサムに関する報告である。
124B	Kim Jonggun; Park Yooheon; Yoon Kyong Sup; Clark J Marshall; Park Yeonhwa	2013	Imidacloprid, a neonicotinoid insecticide, induces insulin resistance.	The Journal of toxicological sciences, (2013) Vol. 38, No. 5, pp. 655-60.	NTP	#9	in vitro系におけるインスリン刺激によるグルコースの取り込みが減少することを報告し、2型糖尿病の発症とイミダクロプリドが関連すると述べたものであるが、この結論に達する前に更にin vivo系による作用機作解明試験や疫学調査などが必要とあることから、適合性なしと判断した。
125	Toor, Harmandeep Kaur; Sangha, Gurinder Kaur; Khera, Kuldeep Singh.	2013	Imidacloprid induced histological and biochemical alterations in liver of female albino rats.	Pestic. Biochem. Physiol., Volume 105, Issue 1, Page 1-4, Publication Year 2013	EPA NTP	#1 #9	⑭
126	Yozzo, Krystle L.; Isales, Gregory M.; Raftery, Tara D.; Volz, David C.	2013	High-Content Screening Assay for Identification of Chemicals Impacting Cardiovascular Function in Zebrafish Embryos	Environmental Science and Technology (2013), 47(19), 11302-11310	EPA	#1; Appendix 2-2	⑤
127	Swenson, Tami L.; Casida, John E.	2013	Aldehyde oxidase importance in vivo in xenobiotic metabolism: Imidacloprid nitroreduction in mice	Toxicological Sciences (2013), 133(1), 22-28	EFSA	#5; p.17	⑯ｃ（腹腔内投与）
128C	Soujanya, S.; Lakshman, M.; Anand Kumar, A.; Gopala Reddy, A.	2013	Evaluation of the protective role of vitamin C in imidacloprid-induced hepatotoxicity in male Albino rats.	J. Nat. Sci., Biol. Med., Volume 4, Issue 1, Page 63-67, Publication Year 2013	EPA NTP	#1 #9	⑯e 被験物質の純度が記載されていない。

129C	Ince, Sinan; Kucukkurt, Ismail; Demirel, Hasan Huseyin; Turkmen, Ruhi; Zemheri, Fahriye; Akbel, Erten.	2013	The role of thymoquinone as antioxidant protection on oxidative stress induced by imidacloprid in male and female Swiss albino mice.	Toxicol. Environ. Chem., Volume 95, Issue 2, Page 318-329, Publication Year 2013	EPA	#1	15mg/kg/日間マウス雌雄に21日間強制経口投与/酸化的ストレス 非GLP/準拠した試験ガイドラインの記載なし イミダクロプリドはBiyoteknik A.S. (Istanbul, Turkey)から購入したとあるが、純度に関する情報なし。 溶媒対照群の媒体とイミダクロプリド単独の媒体が違う。現行の参照値に影響を及ぼすものではない。
130A	Beronius A, Hanberg A, Heimeier R and Hå kansson H	2013	Risk assessment of DNT. Evaluation of the OECD TG 426 test guideline and guidance documents	Karolinska Institute. IMM rapport 1/2013	EFSA	#5	イミダクロプリドについて言及された文献ではない。 OECDTG426及び付随するガイダンス に対する評価を述べた研究所報告であり査読済みの公表文献ではない。
131A	Cisternino, Salvatore; Chapy, Helene; Andre, Pascal; Smirnova, Maria; Debray, Marcel; Scherrmann, Jean-Michel	2013	Coexistence of Passive and Proton Antiporter-Mediated Processes in Nicotine Transport at the Mouse Blood-Brain Barrier	AAPS Journal (2013), 15(2), 299-307	EFSA	#5	イミダクロプリドについて言及された文献ではない。 ニコチンの血液脳関門を介した脳内への輸送に関する文献（喫煙中毒を抑制するため）
132A	Tega, Yuma; Akanuma, Shin-Ichi; Kubo, Yoshiyuki; Terasaki, Tetsuya; Hosoya, Ken-Ichi	2013	Blood-to-brain influx transport of nicotine at the rat blood-brain barrier: Involvement of a pyrilamine-sensitive organic cation transport process	Neurochemistry International (2013), 62(2), 173-181	EFSA	#5	イミダクロプリドについて言及された文献ではない。 内容；血液脳関門（BBB）におけるニコチンの血液-脳間流入輸送の正味流束とBBBにおけるニコチン輸送の主要な寄与因子ついて述べられた文献
133B	Meijer Marieke; Dingemans Milou M L; Van Den Berg Martin; Westerink Remco H S	2014	Inhibition of Voltage-Gated Calcium Channels as Common Mode of Action for (Mixtures of) Distinct Classes of Insecticides.	Toxicological sciences : an official journal of the Society of Toxicology, (2014 Jun 9) . Electronic Publication Date: 9 Jun 2014	NTP	#9	神経毒性において、電位依存性カルシウムチャネル(VGCC)の阻害は考慮すべきであると述べている文献であるが、研究段階の文献と考える。
134B	Sauer Elisa; Moro Angela M; Brucker Natalia; Nascimento Sabrina; Gauer Bruna; Fracasso Rafael; Gioda Adriana; Beck Ruy; Moreira Jose C F; Eifler-Lima Vera Lucia; Garcia Solange Cristina	2014	Liver .delta.-Aminolevulinate Dehydratase Activity is Inhibited by Neonicotinoids and Restored by Antioxidant Agents.	International journal of environmental research and public health, (2014) Vol. 11, No. 11, pp. 11676-90. Electronic Publication Date: 13 Nov 2014	NTP	#9	⑭
135B	Mesnage, Robin; Defarge, Nicolas; De Vendomois, Joel Spiroux; Seralini, Gilles-Eric	2014	Major pesticides are more toxic to human cells than their declared active principles	BioMed Research International (2014) 179691/1-179691/9	NTP	#9	日本で登録されている処方以外の製剤と有効成分の毒性比較で、製剤のほうが毒性が高いと述べている文献
136	Arfat, Yasir (Correspondence); Mahmood, Nasir; Tahir, Muhammad Usman; Rashid, Maryam; Anjum, Sameer; Zhao, Fan; Li, Di-Jie; Sun, Yu-Long; Hu, Lifang; Zhihao, Chen; Yin, Chong; Shang, Peng; Qian, Ai-Rong	2014	Effect of imidacloprid on hepatotoxicity and nephrotoxicity in male albino mice .	Toxicology Reports, (August 20, 2014) Vol. 1, pp. 554-561. Refs: 34 ISSN: 2214-7500	EPA NTP	#1 #9	⑭

137	Vohra, Prerna; Khera, Kuldeep Singh; Sangha, Gurinder Kaur	2014	Physiological, biochemical and histological alterations induced by administration of imidacloprid in female albino rats	Pesticide Biochemistry and Physiology (2014), 110, 50-56	EPA NTP	#1 #9	⑭
138C	Bhaskar, Rakesh; Mohanty, Banalata	2014	Pesticides in mixture disrupt metabolic regulation: In silico and in vivo analysis of cumulative toxicity of mancozeb and imidacloprid on body weight of mice	General and Comparative Endocrinology (2014) Ahead of Print	EPA NTP	#1 #9	⑭
139C	Yardimci, Mustafa; Sevgiler, Yusuf (Correspondence); Rencuzogullari, Eyyup; Arslan, Mehmet; Buyukleyla, Mehmet; Yilmaz, Mehmet	2014	Sex-, tissue-, and exposure duration-dependent effects of imidacloprid modulated by piperonyl butoxide and menadione in rats . Part I: Oxidative and neurotoxic potentials.	Arhiv za Higijenu Rada i Toksikologiju, (1 Dec 2014) Vol. 65, No. 4, pp. 387-398. Refs: 69 ISSN: 0004-1254 CODEN: AHRTAN	NTP	#9	⑯c (腹腔内投与)
140B	Alloisio, Susanna; Nobile, Mario; Novellino, Antonio	2015	Multiparametric characterisation of neuronal network activity for in vitro agrochemical neurotoxicity assessment	NeuroToxicology (2015), 48, 152-165	NTP	#9	In vivo神経毒性の代替法の開発に関する文献
141B	Moser, Virginia C.; Stewart, Nicholas; Freeborn, Danielle L.; Crooks, James; Macmillan, Denise K.; Hedge, Joan M.; Wood, Charles E.; Mcmahen, Rebecca L.; Strynar, Mark J.; Herr, David W.	2015	Assessment of serum biomarkers in rats after exposure to pesticides of different chemical classes	Toxicology and Applied Pharmacology (2015), 282(2), 161-174	EPA NTP	#1 #9	異なる神経毒性作用を有する農薬として、イミダクロプリドについても血清バイオマーカーと標的代謝物のプロファイルを評価した文献。研究段階での報告である。
142B	Krudewagen Eva Maria; Remer Carolin; Deuster Katrin; Schunack Bettina; Wolken Sonja; Crafford Dionne; Fourie Josephus; Stanneck Dorothee	2015	Chemical Compatibility and Safety of Imidacloprid /Flumethrin Collar (Seresto(.RTM.)) Concomitantly Used with Imidacloprid /Moxidectin (Advocate (.RTM.), Advantage (.RTM.) Multi) and Emodepside/Praziquantel (Profender (.RTM.)) Spot-on Formulations.	Parasitology research, (2015 Aug) Vol. 114 Suppl 1, pp. 55-80.	NTP	#9	動物用医薬品の併用に関するイヌ、ネコに対する安全性についての文献
143B	Kugathas Subramaniam; Audouze Karine; Ermler Sibylle; Orton Frances; Rosivatz Erika; Scholze Martin; Kortenkamp Andreas	2015	Effects of Common Pesticides on Prostaglandin D2 (PGD2) Inhibition in SC5 Mouse Sertoli Cells, Evidence of Binding at the COX2 Active Site, and Implications for Endocrine Disruption .	Environmental health perspectives, (2015 Sep 11) . Electronic Publication Date: 11 Sep 2015	NTP	#9	GLP下で実施されたかの記載なし。実施したアッセイについてはOECDガイドラインに収載されていない。幼若マウスセルトリ細胞(SC5細胞)アッセイを用いて、24農薬のprostaglandin-D2(PGD2)抑制作用を調査し、その結果から農薬のPGD2合成に対する影響をin vivoで評価する必要性を支持している文献。研究段階での文献
144B	Fink Heidi; Wennogle Sara; Davis Wendell L; Von Simson Cristiano; Lappin Michael R	2015	Field comparison of tolerance of a collar containing 10.0 percent imidacloprid /4.5 percent flumethrin (Seresto) and a placebo collar placed on cats.	Journal of feline medicine and surgery, (2015 Aug 12) . Electronic Publication Date: 12 Aug 2015	NTP	#9	動物用医薬品（イミダクロプリド/フルメトリン入り首輪）

145B	Meijer Marieke; Brandsema Joske A R; Nieuwenhuis Desiree; Wijnolts Fiona M J; Dingemans Milou M L; Westerink Remco H S	2015	Inhibition of voltage-gated calcium channels after subchronic and repeated exposure of PC12 cells to different classes of insecticides.	Toxicological sciences : an official journal of the Society of Toxicology, (2015 Jul 17) . Electronic Publication Date: 17 Jul 2015	NTP	#9	電位依存性カルシウムチャネル(VGCC)への影響について化学物質をスクリーニングするには急性暴露で十分であること、PC12細胞がVGCCへの影響を検出するための高感度モデルであることを示唆している文献であるが、研究段階の文献と考える。
146B	Marfo Jemima Tiwaa; Fujioka Kazutoshi; Ikenaka Yoshinori; Nakayama Shouta M M; Mizukawa Hazuki; Aoyama Yoshiko; Ishizuka Mayumi; Taira Kumiko	2015	Relationship between Urinary N-Desmethyl-Acetamiprid and Typical Symptoms including Neurological Findings: A Prevalence Case-Control Study.	PloS one, (2015) Vol. 10, No. 11, pp. e0142172. Electronic Publication Date: 4 Nov 2015	NTP	#9	バイオマーカーとして、尿中のN-desmethyl acetamipridと典型的な神経症状との関連性について述べた文献 イミダクロプリドは尿中に検出されておらず、典型的な症状との関連性については論じられていない。
147B	Caron-Beaudoin Elyse; Denison Michael S; Sanderson J Thomas	2015	Effects of neonicotinoids on promoter-specific expression and activity of aromatase (CYP19) in human adrenocortical carcinoma (H295R) and primary umbilical vein endothelial (HUVEC) cells.	Toxicological sciences : an official journal of the Society of Toxicology, (2015 Oct 12) . Electronic Publication Date: 12 Oct 2015	NTP	#9	ネオニコチノイドやその他の化学物質が曝露された女性にもたらすかもしれないリスクを評価する上での生化学的検査/分析法の開発
148C	Kataria Sudhir Kumar; Chhillar Anil Kumar; Kumar Ajay; Tomar Monika; Malik Vinay	2015	Cytogenetic and hematological alterations induced by acute oral exposure of imidacloprid in female mice .	Drug and chemical toxicology, (2015 Mar 31) pp. 1-7. Electronic Publication Date: 31 Mar 2015	NTP	#9	⑭ イミダクロプリドの濃度か製剤の濃度か不明。
149C	Kara Murat; Yumrutas Onder; Demir Caner F; Ozdemir Hasan Huseyin; Bozgeyik Ibrahim; Coskun Salih; Eraslan Ersen; Bal Ramazan	2015	Insecticide imidacloprid influences cognitive functions and alters learning performance and related gene expression in a rat model.	International journal of experimental pathology, (2015 Nov 16) . Electronic Publication Date: 16 Nov 2015	NTP	#9	非GLP/準拠した試験ガイドラインの記載なし。 被験物質の純度及び供給源の情報が記載されていない。 ラット90日間反復経口毒性試験について、infant modelの投与開始時期は生後7日齢。Adult modlの結果は現行の参照値に影響を及ぼさない。
150C	Ishikawa, Sadamasa; Hiraga, Kou; Hiradate, Yuuki; Tanemura, Kentaro	2015	The effects analysis of two neonicotinoid insecticides on in vitro maturation of porcine oocytes using hanging drop monoculture method	Journal of Veterinary Medical Science (2015), 77(6), 725-728	NTP	#9	非GLP/ 準拠した試験ガイドラインの記載なし。 in vitroの試験であり、陽性対照、背景データが不明のため、判断ができない。
151C	Bianchi, Jaqueline; Cabral-De-Mello, Diogo Cavalcanti; Marin-Morales, Maria Aparecida	2015	Toxicogenetic effects of low concentrations of the pesticides imidacloprid and sulfentrazone individually and in combination in in vitro tests with HepG2 cells and Salmonella typhimurium	Ecotoxicology and Environmental Safety (2015) Ahead of Print	NTP	#9	⑭
152C	Annabi Alya; Dhouib Ines Bini; Lamine Aicha Jrad; Golli Narges El; Gharbi Najoua; Fazaa Saloua El; Lasram Mohamed Montassar	2015	Recovery by N-acetylcysteine from subchronic exposure to Imidacloprid - induced hypothalamic-pituitary-adrenal (HPA) axis tissues injury in male rats .	Toxicology mechanisms and methods, (2015 May 29) pp. 1-8. Electronic Publication Date: 29 May 2015	NTP	#9	⑭

153C	Arslan Mehmet; Sevgiler Yusuf; Buyukleyla Mehmet; Yardimci Mustafa; Yilmaz Mehmet; Rencuzogullari Eyyup	2015	Sex-related effects of imidacloprid modulated by piperonyl butoxide and menadione in rats . Part II: genotoxic and cytotoxic potential.	Drug and chemical toxicology, (2015 Mar 31) pp. 1-6. Electronic Publication Date: 31 Mar 2015	NTP	#9	⑯c (腹腔内投与)
154B	Bao, Haibo; Shao, Xusheng; Zhang, Yixi; Cheng, Jiagao; Wang, Yunchao; Xu, Xiaoyong; Fang, Jichao; Liu, Zewen; Li, Zhong	2016	IPPA08 allosterically enhances the action of imidacloprid on nicotinic acetylcholine receptors	Insect Biochemistry and Molecular Biology (2016), 79, 36-41	NTP	#9	IPPA08(cis-configuration neonicotinoid compound)のイミダクロプリドに対する相乗作用のメカニズムを評価した文献であり、イミダクロプリド自体の毒性学的、動物代謝、疫学的エンドポイントに関連しない知見や研究についての記述である。
155B	Shi Linbo; Zou Li; Gao Jinyan; Xu Huaing; Shi Xiaoyun; Chen Hongbing	2016	Imidacloprid inhibits IgE-mediated RBL-2H3 cell degranulation and passive cutaneous anaphylaxis.	Asia Pacific allergy, (2016 Oct) Vol. 6, No. 4, pp. 236-244. Electronic Publication Date: 31 Oct 2016	NTP	#9	イミダクロプリドのIgEを介した肥満細胞への影響を調べた研究。Cell valiabilityに有意差が認められている濃度で実施している。現段階では研究の域を超えているものではなく更なる研究が必要と考える。
156C	Abdel-Rahman Mohamed, Amany; Mohamed, Wafaa A. M.; Khater, Safaa I.	2016	Imidacloprid induces various toxicological effects related to the expression of 3.beta.-HSD, NR5A1, and OGG1 genes in mature and immature rats	Environmental Pollution (Oxford, United Kingdom) (2016) Ahead of Print	NTP	#9	供試した動物数が不明瞭，リスク評価に必要な結果について情報（病理組織学的所見は鏡検所見のみで頻度、程度などの情報なし、免疫染色もしていない）不足
157C	Stivaktakis, Polychronis D.; Kavvalakis, Matthaios P.; Tzatzarakis, Manolis N.; Alegakis, Athanasios K.; Panagiotakis, Michael N.; Fragkiadaki, Persefoni; Vakonaki, Elena; Ozcagli, Eren; Hayes, Wallace A.; Rakitskii, Valerii N.; Tsatsakis, Aristidis M.	2016	Long - term exposure of rabbits to imidaclorpid as quantified in blood induces genotoxic effect	Chemosphere (2016), 149, 108-113	NTP	#9	⑯b 陽性対照が設定されていない。
158A	Abreu-Villaca, Yael; Levin, Edward D.	2016	Developmental neurotoxicity of succeeding generations of insecticides	Environment International (2017), 99, 55-77	EPA	#8	新しい農薬の開発に向けて、神経毒性リスクを低減するためにどのように進めるべきかについて考えるために、有機リン、ピレスロイド、カーバメート、ネオニコチノイドについての毒性プロファイルが記載されている総説であり、評価の目的と適合しない文献とみなした。
159B	Caron-Beaudoin, Elyse; Viau, Rachel; Hudon-Thibeault, Andree-Anne; Vaillancourt, Cathy; Sanderson, J. Thomas	2017	The use of a unique co-culture model of fetoplacental steroidogenesis as a screening tool for endocrine disruptors : The effects of neonicotinoids on aromatase activity and hormone production	Toxicology and Applied Pharmacology (2017), 332, 15-24	NTP	#9	著者の開発したスクリーニング法を用いて、そのツールの有効性を示すために、イミダクロプリドを含むネオニコチノイド3剤を検討した文献であり、そのツールの妥当性についての判断ができない。
160B	Mundhe, Sanjay A., Dr.; Birajdar, Siddheshwar V.; Chavan, Sheshrao S.; Pawar, Nikhil R.	2017	Imidacloprid poisoning : An emerging cause of potentially fatal poisoning .	Indian Journal of Critical Care Medicine, (November 2017) Vol. 21, No. 11, pp. 786-788. Refs: 14 ISSN: 0972-5229; E-ISSN: 1998-359X	NTP	#9	70%WP200ML服用による1例の症例報告　今後の治療の際参考となる可能性はある。一方で服用前の病歴、薬歴などの情報ない等、リスク評価への利用の観点では適合性なしと考える。

161C	Lafi, Bornia; Chaabane, Mariem; Elwej, Awatef; Grati, Malek; Jamoussi, Kamel; Mnif, Hela; Boudawara, Tahia; Ketata Bouaziz, Hanen; Zeghal, Najiba	2017	Effects of co-exposure to imidacloprid and gibberellic acid on redox status, kidney variables and histopathology in adult rats	Archives of Physiology and Biochemistry (2017) Ahead of Print	NTP	#9	イミダクロプリドとジベレリン酸の混合による腎毒性に主眼がおかれた文献　イミダクロプリドの濃度設定は１濃度のみ。
162C	Mzid, Massara; Badraoui, Riadh; Ben Khedir, Sameh; Sahnoun, Zouheir; Rebai, Tarek	2017	Protective effect of ethanolic extract of Urtica urens L. against the toxicity of imidacloprid on bone remodeling in rats and antioxidant activities	Biomedicine and Pharmacotherapy (2017), 91, 1022-1041	NTP	#9	⑭
163B	Bhaskar, Rakesh; Mishra, Ashish K.; Mohanty, Banalata	2017	Neonatal Exposure to Endocrine Disrupting Chemicals Impairs Learning Behaviour by Disrupting Hippocampal Organization in Male Swiss Albino Mice	Basic and Clinical Pharmacology and Toxicology (2017), 121(1), 44-52	NTP	#9	⑭
164A	Cimino, Andria M.; Boyles, Abee L.; Thayer, Kristina A.; Perry, Melissa J.	2017	Effects of neonicotinoid pesticide exposure on human health: a systematic review	Environmental Health Perspectives (2017), 125(2), 155-162	EPA	#8	ネオニコチノイドについて、2005年から2015年の間に英語で発表された研究をレビューしたもので、イミダクロプリドはそのひとつとして報告されているが、リスク評価をするうえで、十分な情報を含まない総説であることから、評価の目的と適合しない文献とみなした。
165A	Han, Wenchao; Tian, Ying; Shen, Xiaoming	2017	Human exposure to neonicotinoid insecticides and the evaluation of their potential toxicity: An overview	Chemosphere (2018), 192, 59-65	EPA	#8	リスクを評価する上で十分な情報を含まない総説であることから、適合しない文献とみなした。
166A	Sun Q	2017	IMIDACLOPRID, A NEONICOTINOID INSECTICIDE, IMPAIRS LIPID AND GLUCOSE METABOLISM	https://scholarworks.umass.edu/cgi/viewcontent.cgi?article=2115&context=dissertations_2	EPA	#8	学位論文、査読済みの公表文献ではないことから評価の目的と適合しない文献と考えた。
167B	Kawahata, Ichiro; Yamakuni, Tohru	2018	Imidacloprid , a neonicotinoid insecticide, facilitates tyrosine hydroxylase transcription and phenylethanolamine N-methyltransferase mRNA expression to enhance catecholamine synthesis and its nicotine-evoked elevation in PC12D cells	Toxicology (2018), 394, 84-92	NTP	#9	毒性学的データ要件に関する情報にはならない実験的、分子的または生化学的調査であり、毒性学的全体像の把握に役立つかもしれないが、リスク評価に利用すると言う点では適合性なしと考える。
168C	Mzid, Massara; Ghlissi, Zohra; Ben Salem, Maryem; Ben Khedir, Sameh; Chaabouni, Khansa; Ayedi, Fatma; Sahnoun, Zouheir; Hakim, Ahmed; Rebai, Tarek	2018	Chemoprotective role of ethanol extract of Urtica urens L. against the toxicity of imidacloprid on endocrine disruption and ovarian morphometric in female rats , GC/MS analysis	Biomedicine and Pharmacotherapy (2018), 97, 518-527	NTP	#9	⑭
169A	Makris SL at al.	-	Retrospective performance of the test guideline 426 on developmental neurotoxicity	Available online: http://www.oecd.org/dataoecd/57/7/39824463.doc)	EFSA	#5	OECD426を制定するための検討を取りまとめた文書

a: 以下の記号を付した文献は2023年12月の改訂時に本表に追加したもの。

A 海外評価引用文献として新たに収集したもの

B 従来第1段階で適合性なしとしていたもの

C 従来別添2にリストしていたもの

b: 数字および記号は3(1)及び(2)に記載した判断理由を示す。

#1: EPA, draft Biological Evaluation, 2021

#5: EFSA, Scientific Opinion on the developmental neurotoxicity potential of acetamiprid and imidacloprid, 2014

#8: EPA, Draft Human Health Risk Assessment (DRA) for Registration Review -Response to Comments, 2019

#9: NTP, Research Report on the Scoping Review of Potential Human Health Effects Associated with Exposures to Neonicotinoid Pesticides, 2020

#10: EFSA, Draft Assessment Report (DAR), 2005 (Addendum含む)

別添 4-2-2

海外評価引用文献のうち適合性なしと判断した論文：農作物及び畜産物への残留

No.[a]	著者	出版年	論文表題	掲載誌名、号、ページ等	評価機関	評価書情報(発行年等)	判断理由[b]
1A	不明	1986	UK Predictive Operator Exposure Model (POEM): Estimation of exposure and absorption of pesticides by spray operators	-	EFSA	#10	⑪一般的な暴露
2A	不明	1992	UK Predictive Operator Exposure Model (POEM): A users guide	-	EFSA	#10	⑪一般的な暴露
3A	Krieger, Robert I.; Ross, John H.; Thongsinthusak, Tian	1992	Assessing human exposures to pesticides	Reviews of Environmental Contamination and Toxicology (1992), 128, 1-15	EFSA	#10	⑪一般的な暴露
4A	Lundehn, J. R.; Westphal, D.; Kieczka, H.; Krebs, B.; Loecher-Bolz, S.; Maasfeld, W.; Pick, E. D.	1992	Einheitliche Grundsaetze zur Sicherung des Gesundheitsschutzes fiir den Anwender von Pflanzenschutzmitteln	Mitteilungen aus der Biologischen Bundesanstalt fur Land-und Forstwirtschaft Berlin-Dahlem, Issue 277, pp. 112; ISBN 3-489-27700-7	EFSA	#10	⑪一般的な暴露
5A	Ganzelmeier, H.; Rautmann, D.; Spangenberg, R.; Streloke. M.; Herrmann, M.; Wenzelburger, H. J.; Walter, H. F.	1995	Studies on the spray drift of plant protection products : results of a test program carried out throughout the Federal Republic of Germany	(1995), 111 p. : ill. ; 24 cm. Series Title: Mitteilungen aus der Biologischen Bundesanstalt fur Land-und Forstwirtschaft Berlin-Dahlem, Published by: Berlin : Blackwell-Wisswnschafts-Verlag, 1995 Source Note: Pub. Frequency: Annual	EFSA	#10	⑪一般的な暴露
6A	Macdonald, Linda M.; Meyer, Timothy R.	1998	Determination of Imidacloprid and Triadimefon in White Pine by Gas Chromatography/Mass Spectrometry.	J. Agric. Food Chem., Volume 46, Issue 8, Page 3133-3138, Publication Year 1998	EFSA	#4	分析法であり⑤
7A	Nauen, Ralf; Reckmann, Udo; Armborst, Stefan; Stupp, Hans-Peter; Elbert, Alfred	1999	Whitefly-active metabolites of imidacloprid: biological efficacy and translocation in cotton plants	Pesticide Science (1999), 55(3), 265-271	EFSA	#4	コナジラミに関しての④薬効。また、綿における[14-C]イミダクロプリド及び[14C]イミダクロプリド代謝物(オレフィン体)を葉面に滴下し26時間後の植物体内移行試験を実施しているが、植物体全体への処理ではなく、製剤を葉面の1/3に5滴(1滴2μL)とわずかな量であり、製剤の濃度も不明であるため⑯-c)適切な経路で投与/処理されていないものと判断する。
8A	Mukherjee, Irani; Gopal, Madhuban	2000	Environmental behaviour and translocation of imidacloprid in eggplant, cabbage and mustard	Pest Management Science (2000), 56(10), 932-936	EFSA	#4	なす、きゃべつ、マスタードにおける作物残留。Confidor 200 SLを使用。⑰日本の代表的な使用方法／使用条件における評価に活用できない文献（ほ場条件、土性等）
9A	Kumar, Rajendra; Dikshit, Anand K.	2001	Assessment of imidacloprid in Brassica environment.	J. Environ. Sci. Health, Part B, Volume B36, Issue 5, Page 619-629, Publication Year 2001	EFSA	#4	マスタードアブラムシ防除のため、Gaucho 70 WGの種子処理・Confidor 200SLの散布における作物残留・土壌残留。日本に登録のない製剤となるため、⑰ 日本の代表的な使用方法／使用条件における評価に活用できない文献（ほ場条件、土性等）。

10A	Brouwer, D. H.; De Haan, M.; Van Hemmen, J. J.	2001	Modeling re-entry exposure estimates: techniques and application rates	Honeycutt, R., and Day, E.W. (Eds.); (2000); Worker Exposure to Agrochemicals: Methods for Monitoring and Assessment (1st ed.) CRC Press; Chapter 9, 20 pages	EFSA	#10	⑪一般的な暴露
11A	Gopal, M.; Mukherjee, I.; Chander, S.	2002	Behaviour of -cyfluthrin and imidacloprid in mustard crop: Alternative insecticide for aphid control.	Bull. Environ. Contam. Toxicol., Volume 68, Issue 3, Page 406-411, Publication Year 2002	EFSA	#4	マスタードアブラムシ防除のため、β-シフルトリン及びイミダクロプリドの作物残留試験。イミダクロプリド200SLを20または40 gai/ha散布のため、日本に登録のない製剤であり、⑰ 日本の代表的な使用方法／使用条件における評価に活用できない文献（ほ場条件、土性等）。また、⑤分析法の開発にも該当。
12A	Schoening, Ralf [Reprint Author]; Schmuck, Richard	2003	Analytical determination of imidacloprid and relevant metabolite residues by LC MS/MS.	Bulletin of Insectology, (June 2003) Vol. 56, No. 1, pp. 41-50. print. Meeting Info.: 8th International Symposium of the ICP-BR Bee Protection Group on Hazards of Pesticides to Bees. Bologna, Italy. September 04-06, 2002. ISSN: 1721-8861 (ISSN print).	EFSA	#3 #4	分析法であり⑤
13A	Lohrer, T.; Gerlach, W. W. P.; Fischer, P.; Fuchsbichler, G.; Eichinger, H. M.	2003	Investigations on residues in leaves and leaf compost of horse chestnut after a soil injection with imidacloprid for control of Cameraria ohridella (Lepidoptera, Gracillariidae). Untersuchungen zur Laub- und Kompostbelastung nach einer Bodenapplikation mit Imidacloprid zur Bekaempfung der Kastanienminiermotte Cameraria ohridella (Lepidoptera, Gracillariidae).	Nachrichtenblatt des Deutschen Pflanzenschutzdienstes (2003), Volume 55, Number 10, pp. 240-241, 2 refs. ISSN: 0027-7479 Published by: Verlag Eugen Ulmer GmbH, Stuttgart Conference: Informationen und Diskussionsbeitraege anlaesslich der Fachtagung am 24. und 25. Juni 2003 in der Biologischen Bundesanstalt fuer Land-und Forstwirtschaft in Braunschweig.	EFSA	#4	Confidor WG70をトチノキへ土壌注入による残留試験。⑰日本の代表的な使用方法／使用条件における評価に活用できない文献（ほ場条件、土性等）
14A	Gajbhiye, V. T.; Gupta, S.; Gupta, R. K.	2004	Persistence of imidacloprid in/on cabbage and cauliflower.	Bull. Environ. Contam. Toxicol., Volume 72, Issue 2, Page 283-288, Publication Year 2004	EFSA	#4	作物の形状による残留性の違いを調査目的としており、日本での評価には使用しないため。
15	Arora, Parshotam Kumar; Jyot, Gagan; Singh, Baljeet; Battu, Raminderjit Singh; Singh, Balwinder; Aulakh, Pushpinder Singh.	2009	Persistence of Imidacloprid on Grape Leaves, Grape Berries and Soil.	Bull. Environ. Contam. Toxicol., Volume 82, Issue 2, Page 239-242, Publication Year 2009	EFSA	#4; p 37, 104, 408-410	⑰
16	Sabatino, Leonardo; Scordino, Monica; Panto, Valentina; Chiappara, Elena; Traulo, Pasqualino; Gagliano, Giacomo	2013	Survey of neonicotinoids and fipronil in corn seeds for agriculture	Food Additives and Contaminants, Part B: Surveillance (2013), 6(1), 11-16	EFSA	#4; p 31, 83, 274-275	⑤
17	Chahil, G S; Kousik Mandal; Sanjay Kumar Sahoo; R S Battu; Balwinder Singh	2014	Risk assessment of l2-cyfluthrin and imidacloprid in chickpea pods and leaves	Ecotoxicology and environmental safety (2014) , Volume 101, pp. 177-183 ISSN: 0147-6513 Published by: Elsevier Inc. Source Note: 2014 Mar., v. 101	EFSA	#4; p 38, 107, 436-437	⑰

18	Chen, Mei; Tao, Lin; Mclean, John; Lu, Chensheng	2014	Quantitative Analysis of Neonicotinoid Insecticide Residues in Foods: Implication for Dietary Exposures	Journal of Agricultural and Food Chemistry (2014), 62(26), 6082-6090	EFSA	#4; p 38, 105, 424-425	⑯d ⑰
19	Sharma, Smriti; Singh, Balwinder	2014	Persistence of imidacloprid and its major metabolites in sugarcane leaves and juice following its soil application	International Journal of Environmental Analytical Chemistry (2014), 94(4), 319-331	EPA	#1; Appendix 2-2	⑰
20	Zhu, Biao; Yang, Jing; He, Yong; Zang, Yunxiang; Zhu, Zhujun	2015	Glucosinolate Accumulation and Related Gene Expression in Pak Choi (Brassica rapa L. ssp. chinensis var. communis [N. Tsen and S.H. Lee] Hanelt) in Response to Insecticide Application	Journal of Agricultural and Food Chemistry (2015) Ahead of Print	EPA	#1; Appendix 2-2	④
21	Sun, Donglei; Fu, Jiantao; Lu, Yinglin; Chen, Lijun; Gong, Hengliang; Zhao, Huanhuan; Dai, Sixing; An, Yuxing; Xu, Hanhong	2017	Absorption, transportation and distribution of imidacloprid in maize	International Journal of Environmental Analytical Chemistry (2017), 97(8), 783-795	EPA	#1; Appendix 2-2	⑰
22	Li, Yong; Yang, Lixuan; Yan, Huangqian; Zhang, Meng; GE, Jing; Yu, Xiangyang	2018	Uptake, translocation and accumulation of imidacloprid in six leafy vegetables at three growth stages	Ecotoxicology and Environmental Safety (2018), 164, 690-695	EPA	#1; Appendix 2-2	⑬
23	Kolanczyk, Richard C.; Tapper, Mark A.; Sheedy, Barbara R.; Serrano, Jose A.	2019	In vitro metabolism of imidacloprid and acetamiprid in rainbow trout and rat	Xenobiotica (2019) Ahead of Print	EPA	#1; Appendix 2-2	ニジマスとラットの肝臓スライス及びミクロソームにおけるイミダクロプリドアセタミプリドの代謝であり、リスク評価に用いられない。
24	Li Yong; Long Ling; GE Jing; Li Haocong; Zhang Meng; Wan Qun; Yu Xiangyang	2019	Effect of imidacloprid uptake from contaminated soils on vegetable growth.	Journal of agricultural and food chemistry, (2019 Jun 11) . Electronic Publication Date: 11 Jun 2019	EPA	#1; Appendix 2-2	④
25	Zhang, Qicai; Wang, Xianli; Rao, Qinxiong; Chen, Shanshan; Song, Weiguo	2020	Imidacloprid dissipation, metabolism and accumulation in Agaricus bisporus fruits, casing soil and compost and dietary risk assessment	Chemosphere (2020), 254, 126837	EPA	#1; Appendix 2-2	⑤ ⑯b ⑯d

a: 以下の記号を付した文献は2023年12月の改訂時に本表に追加したもの。

A 海外評価引用文献として新たに収集したもの

b: 数字および記号は3(1)及び(2)に記載した判断理由を示す。

#1: EPA, draft Biological Evaluation, 2021

#3: EFSA, Peer review of the pesticide risk assessment for bees for the active substance imidacloprid considering the uses as seed treatments and granules, 2018

#4: EFSA, Conclusion on the peer review of the pesticide risk assessment for bees for the active substance imidacloprid considering all uses other than seed treatments and granules, 2015

#10: EFSA, Draft Assessment Report (DAR), 2005 (Addendum含む)

別添 4-2-3

海外評価引用文献のうち適合性なしと判断した論文：
生活環境動植物及び家畜に対する毒性

No.[a]	著者	出版年	論文表題	掲載誌名、号、ページ等	評価機関	評価書情報(発行年等)	判断理由[b]
1A	Green R	1979	THE ECOLOGY OF WOOD MICE APODEMUS-SYLVATICUS ON ARABLE FARMLAND.	Journal of Zoology (London), (1979) Vol. 188, No. 3, pp. 357-378.	EFSA	#10	マウスの生態に関する文献であり①
2A	Ebadi, Rahim; Gary, Norman E.; Lorenzen, Kenneth	1980	Effects of carbon dioxide and low temperature narcosis on honey bees, Apis mellifera	Environmental Entomology (1980), 9(1), 144-7	EFSA	#10	二酸化炭素と低温処理がミツバチに及ぼす影響を調べたものであり①
3A	Briggs, G. G.; Bromilow, R. H.; Evans, A. A.	1982	Relationships between lipophilicity and root uptake and translocation of non-ionised chemicals by barley.	Pesticide Science (1982), Volume 13, Number 5, pp. 495-504, 24 refs. ISSN: 0031-613X DOI: https://doi.org/10.1002/ps.2780130506 Published by: ,	EFSA	#10	大麦での根からの取り込みのモデル開発であり①
4A	Bromilow, R. H.; Chamberlain, K.	1989	Designing molecules for systemicity	Monograph - British Plant Growth Regulator Group (1989), 18(Mech. Regul. Transp. Processes), 113-28	EFSA	#10	植物体内移行に関してlog Kowとの関連を調べた論文であり①
5A	Forer, G.	1990	Whitefly management in Israel to prevent honeydew contamination.	Cotton production research from a farming systems perspective, with special emphasis on stickiness: papers presented at a technical seminar at the 49th plenary meeting of the International Cotton Advisory Committee (1990), pp. 33-37, 13 refs. Published by: International Cotton Advisory Committee, Washington, DC Conference: Cotton production research from a farming systems perspective, with special emphasis on stickiness: papers presented at a technical seminar at the 49th plenary meeting of the International Cotton Advisory Committee	EFSA	#4	コナジラミに関してであり④
6A	Montgomery, Ssj; Montgomery, Wi Montgomery, Ssj Montgomery, Ssj; Montgomery, Wi	1990	INTRAPOPULATION VARIATION IN THE DIET OF THE WOOD MOUSE APODEMUS-SYLVATICUS	JOURNAL OF ZOOLOGY, (1990 DEC 1990) Vol. 222, pp. 641-651. ISSN: 0952-8369.	EFSA	#10	マウスの餌に関する文献であり①
7A	Bai D [Reprint Author]; Lummis S C R; Leicht W; Breer H; Sattelle D B	1991	ACTIONS OF IMIDACLOPRID AND A RELATED NITROMETHYLENE ON CHOLINERGIC RECEPTORS OF A IDENTIFIED INSECT MOTOR NEURONE.	Pesticide Science, (1991) Vol. 33, No. 2, pp. 197-204. Meeting Info.: NEUROTOX 91: AN INTERNATIONAL SYMPOSIUM ON THE MOLECULAR BASIS OF DRUG AND PESTICIDE ACTION, SOUTHAMPTON, ENGLAND, UK, APRIL 7-11, 1991. PESTIC SCI.	EFSA	#4	昆虫の受容体に関する論文であり④
8A	Johnson J W [Reprint Author]; Wise J C	1992	APPLE BROAD-SPECTRUM INSECT CONTROL 1991.	Insecticide and Acaricide Tests, (1992) pp. 31-32. ISSN: 0276-3656.	EPA	#1; Appendix 2-2	りんごの害虫に関する論文であり④
9A	Mizell, Russell F., III; Sconyers, Max C.	1992	Toxicity of imidacloprid to selected arthropod predators in the laboratory.	Fla. Entomol., Volume 75, Issue 2, Page 277-80, Publication Year 1992	EPA	#1; Appendix 2-2	捕食性昆虫への影響であり⑯b

10A	Liu, Ming Yie; Casida, John E.	1993	High affinity binding of [3H]imidacloprid in the insect acetylcholine receptor.	Pestic. Biochem. Physiol., Volume 46, Issue 1, Page 40-6, Publication Year 1993	EFSA	#4	昆虫アセチルコリン受容体への親和性であり④
11A	Avery, Michael L. [Reprint Author]; Decker, David G. [Reprint Author]; Fischer, David L.; Stafford, Tammy R.	1993	Responses of captive blackbirds to a new insecticidal seed treatment.	Journal of Wildlife Management, (1993) Vol. 57, No. 3, pp. 652-656.	EPA	#1; Appendix 2-2	ハゴロモガラス及びコウウチョウの撥水性への影響等をみたものであり、リスク評価に利用できない
12A	Hull, Larry A.; Felland, Carl M.	1993	Apple, effect of insecticides on secondary pests, 1992.	Burditt, A. K., Jr. [Editor]. Insecticide and Acaricide Tests, (1993) pp. 46-48. Insecticide and Acaricide Tests. Publisher: Entomological Society of America, 9301 Annapolis Road, Lanham, Maryland 20706, USA. Series: Insecticide and Acaricide Tests. ISSN:	EPA	#1; Appendix 2-2	リンゴの害虫に対する影響であり④
13A	Bullock, R. C.; Pelosi, R. R.	1994	Toxicity of imidacloprid to selected arthropods in the Citrus greenhouse and grove.	Proceedings of the Florida State Horticultural Society (1994), Volume 106, pp. 42-47, 4 refs. ISSN: 0886-7283	EPA	#1; Appendix 2-2	カガイラムシ等への影響であり④
14A	Noetzel, David N.; Warnes, Dennis	1994	Efficacy comparison of some new materials for aphid control in small grain, 1993.	Burditt, A. K., Jr. [Editor]. (1994) pp. 295. Arthropod Management Tests. Publisher: Entomological Society of America, 9301 Annapolis Road, Lanham, Maryland 20706, USA. Series: Arthropod Management Tests.	EPA	#1; Appendix 2-2	アブラムシに対する効果であり④
15A	Tomizawa, Motohiro; Otsuka, Hiroko; Miyamoto, Toru; Eldefrawi, Mohyee E.; Yamamoto, Izuru.	1995	Pharmacological characteristics of insect nicotinic acetylcholine receptor with its ion channel and the comparison of the effect of nicotinoids and neonicotinoids.	Nippon Noyaku Gakkaishi, Volume 20, Issue 1, Page 57-64, Publication Year 1995	EFSA	#4	昆虫のアセチルコリン受容体に関する論文であり④
16A	Yu, S. J.; Nguyen, S. N.	1996	Insecticide susceptibility and detoxication enzyme activities in permethrin-selected diamondback moths.	Pesticide Biochemistry and Physiology, (1996) Vol. 56, No. 1, pp. 69-77.	EPA	#1	コナガの感受性であり④
17A	Kaakeh, Nawal; Kaakeh, Walid; Bennett, Gary W.	1996	Topical toxicity of imidacloprid, fipronil, and seven conventional insecticides to the adult convergent lady beetle (Coleoptera: Coccinellidae).	J. Entomol. Sci., Volume 31, Issue 3, Page 315-322, Publication Year 1996	EPA	#1	テントウムシに対する影響であり⑯b
18A	De Cock, A.; De Clercq, P.; Tirry, L.; Degheele, D.	1996	Toxicity of diafenthiuron and imidacloprid to the predatory bug Podisus maculiventris (Heteroptera: Pentatomidae).	Environ. Entomol., Volume 25, Issue 2, Page 476-480, Publication Year 1996	EPA	#1	捕食性カメムシに対する影響であり⑯b
19A	Munkvold, G. P. [Reprint Author]; Mcgee, D. C.; Iles, A.	1996	Effects of imidacloprid seed treatment of corn on foliar feeding and Erwinia stewartii transmission by the corn flea beetle.	Plant Disease, (1996) Vol. 80, No. 7, pp. 747-749.	EPA	#1; Appendix 2-2	ノミハムシによる萎凋細菌病伝播への影響であり④

20A	Burris, Gene; Cook, Don; Leonard, B. R.	1996	Evaluations of in-furrow insecticides and fungicides, 1995.	Burditt, A. K., Jr. [Editor]. (1996) pp. 241. Arthropod Management Tests. Publisher: Entomological Society of America, 9301 Annapolis Road, Lanham, Maryland 20706, USA. Series: Arthropod Management Tests. ISBN: 0-938522-55-8.	EPA	#1; Appendix 2-2	アブラムシ等に対する効果であり④
21A	Elbert, A.; Nauen, R.; Cahill, M.; Devonshire, A. L.; Scarr, A. W.; Sone, S.; Steffens, R.	1996	Resistance management with chloronicotinyl insecticides using imidacloprid as an example.	Pflanzenschutz-Nachr. Bayer (Ger. Ed.), Volume 49, Issue 1, Page 5-54, Publication Year 1996	EFSA	#10	抵抗性に関してであり④
22A	Nauen, Ralf [Reprint Author]; Strobel, Juergen; Tietjen, Klaus; Otsu, Yuichi; Erdelen, Christoph; Elbert, Alfred	1996	Aphicidal activity of imidacloprid against a tobacco feeding strain of Myzus persicae (Homoptera: Aphididae) from Japan closely related to Myzus nicotianae and highly resistant to carbamates and organophosphates.	Bulletin of Entomological Research, (1996) Vol. 86, No. 2, pp. 165-171.	EFSA	#10	抵抗性に関してであり④
23A	Buckingham, S. D. [Reprint Author]; Lapied, B.; Le Corronc, H.; Grolleau, F.; Sattelle, D. B. [Reprint Author]	1997	Imidacloprid actions on insect neuronal acetylcholine receptors.	Journal of Experimental Biology, (Nov., 1997) Vol. 200, No. 21, pp. 2685-2692. print.	EFSA	#4	昆虫のアセチルコリン受容体に関する論文であり④
24A	Delbeke, F.; Vercruysse, P.; Tirry, L.; De Clercq, P.; Degheele, D.	1997	Toxicity of diflubenzuron, pyriproxyfen, imidacloprid and diafenthiuron to the predatory bug Orius laevigatus (Het.: Anthocoridae).	Entomophaga, Volume 42, Issue 3, Page 349-358, Publication Year 1997	EPA	#1	捕食性ハナカメムシに対する影響であり⑯b
25A	Reissig, H.; Dunham, D. H.; Smith, C.	1997	Apple, preliminary insecticide testing, 1996.	Saxena, C. R. (1997) pp. 28-29. Arthropod Management Tests. Publisher: Entomological Society of America, 9301 Annapolis Road, Lanham, Maryland 20706, USA. Series: Arthropod Management Tests. ISBN: 0-938522-61-2.	EPA	#1; Appendix 2-2	りんごの害虫に関する論文であり④
26A	Colombo, A.; Buonocore, E.	1997	In nonheated greenhouses of Ragusa cultivated with tomato. The effect of soil treatment with imidacloprid on activities of bees . In serre fredde del ragusano coltivate a pomodoro. Effetto di trattamenti al terreno con imidacloprid sullattivita dei bombi.	Informatore Agrario (1997), Volume 53, Number 38, pp. 85-87 ISSN: 0020-0689	EFSA	#3 #4	⑲日本語、英語以外の論文
27A	Song, M. Y.; Brown, John J.	1998	Osmotic effects as a factor modifying insecticide toxicity on Aedes and Artemia.	Ecotoxicol. Environ. Saf., Volume 41, Issue 2, Page 195-202, Publication Year 1998	EPA	#1	ヤブカ及びアルテミアに対する浸透圧の影響であり⑯b
28A	Koppenhofer, Albrecht M.; Kaya, Harry K.	1998	Synergism of imidacloprid and an entomopathogenic nematode: a novel approach to white grub (Coleoptera: Scarabaeidae) control in turfgrass.	J. Econ. Entomol., Volume 91, Issue 3, Page 618-623, Publication Year 1998	EPA	#1	コガネムシ幼虫に対する効果であり④

29A	Stansly,P. A.; Conner, J. M.	1998	Impact of Insecticides and an Entomophagous Fungus on Pepper Weevil, Melon Thrips, Broad Mite, and Minute Pirate Bug in Hot Pepper, 1997	Arthropod Management Tests (1998), Volume 23, Issue 1, Pages 120 122	EPA	#1; Appendix 2-2	アザミウマやアブラムシ等に対する効果であり④
30A	Cramp	1998	The complete birds of the western palearctic	The complete birds of the western palearctic, 1998, 1-5	EFSA	#10	Oxford大の刊行物であり⑧
31A	Aletru, F.; Chauvancy, F.; Clement, H.; Mary, M.; Vedrenne, Y.; Vermandere, P.	1998	Observations autour du butinage du tournesol en 1998. Du ph nom ne de d population des ruches, du comportement anormal de la colonie dabeilles et de labeille en zone de culture intensive, en d but de l t	La coordination des Apiculteurs de France, 1998, 1-6	EFSA	#10	⑲日本語、英語以外の論文
32A	Belzunces, L. P.; Guez, D.; Suchail, S.	1998	Effets de l'imidaclopride chez l'abeille Apis mellifera	INRA, 1998	EFSA	#10	⑲日本語、英語以外の論文
33A	Nauen, Ralf; Tietjen, Klaus; Wagner, Klaus; Elbert, Alfred	1998	Efficacy of plant metabolites of imidacloprid against Myzus persicae and Aphis gossypii (Homoptera: Aphididae)	Pesticide Science (1998), 52(1), 53-57	EFSA	#10	植物代謝物のアブラムシに対する効果であり④
34A	Belal, M. H.; El-Kabbany, S.; Swelam, E. S.; Awad, T. M.	1999	The interrelationship between biological effects and persistence of aldicarb and imidacloprid in two different types of soil.	Bulletin of Faculty of Agriculture, University of Cairo (1999), Volume 50, Number 4, pp. 767-788, 17 refs. ISSN: 0526-8613	EFSA	#4	土壌濃度とアブアムシの効果に関するものであり④
35A	Schmuck, R.	1999	No causal relationship between Gaucho seed dressing in sun-flowers and the French bee malady.	Pflanzenschutz-Nachr. Bayer (Ger. Ed.), Volume 52, Issue 3, Page 267-309, Publication Year 1999	EPA	#2	新規のデータを含まないレビューであり⑨。#2でinvalidとされている。日本語英語以外⑲。
36A	Bustamante,M.; Sabillon, A.; Velasquez, C.; Ordonez, J.; Baquedano, F.	1999	Susceptibility of Natural Enemies of Pests of Agriculture to Commonly Applied Insecticides in Honduras	Tech. Doc. Int. Atomic Energy Agency:123-128; https://inis.iaea.org/collection/NCLCollectionStore/_Public/30/045/30045346.pdf	EPA	#1	天敵への影響であり⑯b
37A	Goolsby, John A. [Reprint Author]; Ciomperlik, Matthew A.	1999	Development of parasitoid inoculated seedling transplants for augmentative biological control of silverleaf whitefly (Homoptera: Aleyrodidae).	Florida Entomologist, (Dec., 1999) Vol. 82, No. 4, pp. 532-545. print.	EPA	#1; Appendix 2-2	シルバーリーフコナジラミの効果に関してであり④
38A	Nucifora, S.; Vasquez, G.	1999	Influence of imidacloprid on the activity of Bombus terrestris. Influenza di imidacloprid sullattivita di Bombus terrestris.	Informatore Agrario (1999), Volume 55, Number 39, pp. 87-88 ISSN: 0020-0689	EFSA	#3 #4	マルハナバチに対する影響であり⑯b
39A	Schulte, C.; Fuell, C.; Kuehnen, U.	1999	Assessment criteria of the Federal environmental agency: effects of plant protection products on terrestrial arthropods.	Umweltwissenschaften und Schadstoff-Forschung (1999), Volume 11, Number 5, pp. 261-266, 10 refs. Published by: ,	EFSA	#10	German Federal Environmental Agencyによる陸生節足動物の評価法
40A	Wolf, T. J.; Ellington, C. P.; Begley, I. S.	1999	Foraging costs in bumblebees: Field conditions cause large individual differences.	Insectes Sociaux, (1999) Vol. 46, No. 3, pp. 291-295. print.	EFSA	#10	野生ハナバチに関してであり⑯b
41A	Schuld, M.; Schmuck, R.	1999	Auswirkungen des Chloronicotinyl-Insektizids Imidacloprid auf die Parasitoidenfauna in Obstanlagen	Mitteilungen der Deutschen Gesellschaft fuer Allgemeine und Angewandte Entomologie (1997), 11, pp. 265-70.	EFSA	#10	ハモグリバエに対する効果であり④

42A	Zhang, A.; Kayser, H.; Maienfisch, P.; Casida, J.E., Dr. (Correspondence)	2000	Insect nicotinic acetylcholine receptor: Conserved neonicotinoid specificity of [3H] imidacloprid binding site.	Journal of Neurochemistry, (2000) Vol. 75, No. 3, pp. 1294-1303. Refs: 47 ISSN: 0022-3042 CODEN: JONRA9	EFSA	#4	昆虫のアセチルコリン受容体に関する論文であり④
43A	Hill, Travis A.; Foster, Rick E.	2000	Effect of insecticides on the diamondback moth (Lepidoptera: Plutellidae) and its parasitoid Diadegma insulare (Hymenoptera: Ichneumonidae).	J. Econ. Entomol., Volume 93, Issue 3, Page 763-768, Publication Year 2000	EPA	#1	コナガに対する影響であり④
44A	Zang, Y.; Zhong, Y.; Luo, Y.; Kong, Z. M.	2000	Genotoxicity of two novel pesticides for the earthworm, Eisenia fetida.	Environ. Pollut., Volume 108, Issue 2, Page 271-278, Publication Year 2000	EPA	#1	ミミズに対する影響であり⑯b
45A	Legaspi, Jesusa Crisostomo [Reprint Author]; French, J. V.; Legaspi, B. C., Jr.	2000	Toxicity of novel and conventional insecticides to selected beneficial insects.	Subtropical Plant Science, (2000) Vol. 52, pp. 23-32. print.	EPA	#1	天敵への影響であり⑯b
46A	Tasei, Jean-Noel; Lerin, Jacques; Ripault, Gregory.	2000	Sub-lethal effects of imidacloprid on bumblebees, Bombus terrestris (Hymenoptera: Apidae), during a laboratory feeding test.	Pest Manage. Sci., Volume 56, Issue 9, Page 784-788, Publication Year 2000	EFSA	#3 #4 #10	マルハナバチに対する影響であり⑯b
47A	Schulz, A.	2000	Feldversuche mit Gaucho in Sonnenblumen - Erfahrungen aus Rheinhessen im Jahr 1999	81. Kongress Deutschsprachiger Imker, Tramin-Suedtirol, Referate S. 19-25	EFSA	#10	⑲日本語、英語以外の論文、⑧要旨集
48A	Elbert, Alfred; Nauen, Ralf	2000	Resistance of Bemisia tabaci (Homoptera: Aleyrodidae) to insecticides in southern Spain with special reference to neonicotinoids	Pest Management Science (2000), 56(1), 60-64	EFSA	#10	抵抗性に関してであり④
49A	Gorman, K.; Devine, G. J.; Denholm, I.	2000	Status of pesticide resistance in UK populations of the glasshouse whitefly, Trialeurodes vaporariorum, and the two-spotted spider mite, Tetranychus urticae.	BCPC Conf.--Pests Dis., Issue Vol. 1, Page 459-464, Publication Year 2000	EFSA	#10	抵抗性に関してであり④
50A	Olson, E. R.; Dively, G. P.; Nelson, J. O.	2000	Baseline susceptibility to imidacloprid and cross resistance patterns in Colorado potato beetle (Coleoptera: Chrysomelidae) populations.	J. Econ. Entomol., Volume 93, Issue 2, Page 447-458, Publication Year 2000	EFSA	#10	抵抗性に関してであり④
51A	Courjaret, Raphael; Lapied, Bruno	2001	Complex intracellular messenger pathways regulate one type of neuronal .alpha.-bungarotoxin-resistant nicotinic acetylcholine receptors expressed in insect neurosecretory cells (dorsal unpaired median neurons)	Molecular Pharmacology (2001) Volume 60, Number 1, pp. 80-91, 46 refs. CODEN: MOPMA3 ISSN: 0026-895X	EFSA	#5	昆虫のアセチルコリン受容体に関する論文であり④
52A	Tasei, J. N. [Reprint Author]; Ripault, G. [Reprint Author]; Rivault, E. [Reprint Author]	2001	Hazards of imidacloprid seed coating to Bombus terrestris (Hymenoptera: Apidae) when applied to sunflower.	Journal of Economic Entomology, (June, 2001) Vol. 94, No. 3, pp. 623-627. print.	EPA EFSA	#2 #4	マルハナバチに対する影響であり⑯b
53A	Tasei, J. N.; Ripault, G.; Rivault, E.	2001	Effects of Gaucho seed coating on bumblebees visiting sunflower.	Colloq. - Inst. Natl. Rech. Agron., Volume 98, Issue Hazards of Pesticides to Bees, Page 207-212, Publication Year 2001	EFSA	#4	野生ハナバチに対する影響であり⑯b

54A	Deglise, P. [Reprint Author]; Wuestenberg, D.; Armengaud, C. [Reprint Author]; Gue, M.; Gauthier, M. [Reprint Author]; Gruenewald, B.	2001	The insecticide imidacloprid : A new tool for the study of honeybee neuronal nicotinic and GABA receptors?.	Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 236. print. Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001. ISSN: 0190-5295.	EFSA	#4	学会要旨であり⑧
55A	Brunner, Jay F.; Dunley, John E.; Doerr, Michael D.; Beers, Elizabeth H.	2001	Effect of pesticides on Colpoclypeus florus (Hymenoptera: Eulophidae) and Trichogramma platneri (Hymenoptera: Trichogrammatidae), parasitoids of leafrollers in washington.	J. Econ. Entomol., Volume 94, Issue 5, Page 1075-1084, Publication Year 2001	EPA	#1; Appendix 2-2	ヒメコバチ及びタマゴヤドリコバチに対する影響であり⑯b
56A	Bielza, P.; Contreras, J.; Guerrero, M. M.; Izquierdo, J.; Lacasa, A.; Mansanet, V. Editor(S): Vogt, H.; Vinuela, E.; Jacas, J.	2001	Effects of Confidor 20 LS and Nemacur CS on bumblebees pollinating greenhouse tomatoes.	Bulletin OILB/SROP (2001), Volume 24, Number 4, pp. 83-88, 4 refs. ISBN: 92-9067-133-5 Published by: International Organization for Biological and Integrated Control of Noxious Animals and Plants (OIBC/OILB), West Palaearctic Regional Section (WPRS/SROP), Dijon Conference: IOBC/WPRS Working Group Pesticides and Beneficial Organisms. Proceedings of the meeting at Castello de la Plana, Spain, 18-20 October, 2000.	EFSA	#3 #4 #10	野生ハナバチに対する影響であり⑯b
57A	Dara, Surenda K.; Hountondji, Fabien C. C.	2001	Effects of formulated imidacloprid on two mite pathogens, Neozygites floridana (Zygomycotina: Zygomycetes) and Hirsutella thompsonii (Deuteromycotina: Hyphomycetes).	Insect Sci. Its Appl., Volume 21, Issue 2, Page 133-138, Publication Year 2001	EPA	#1; Appendix 2-2	ダニ病原体である接合菌及び不完全糸状菌に対する効果であり④
58A	Elzen, G. W.	2001	Lethal and sublethal effects of insecticide residues on Orius insidiosus (Hemiptera: Anthocoridae) and Geocoris punctipes (Hemiptera: Lygaeidae).	J. Econ. Entomol., Volume 94, Issue 1, Page 55-59, Publication Year 2001	EPA	#1; Appendix 2-2	ヒメハナカメムシ及びナガカメムシに対する影響であり⑯b
59A	Chaisuekul, C.; Riley, D. G.; Chatchawan Chaisuekul	2001	Thrips (Thysanoptera: Thripidae) feeding response to concentration of imidacloprid in tomato leaf tissue.	Journal of Entomological Science (2001), Volume 36, Number 3, 315 p. ISSN: 0749-8004 Published by: Georgia Entomological Society, Griffin	EFSA	#4	アザミウマへの影響であり⑯b
60A	Krauter, P. C.; Sansone, C. G.; Heinz, K. M.	2001	Assessment of Gaucho seed treatment effects on beneficial insect abundance in sorghum.	Southwestern Entomologist (2001), Volume 26, Number 2, pp. 143-146, 6 refs. ISSN: 0147-1724; 2162-2647 Published by: Southwestern Entomological Society, Dallas	EPA	#1; Appendix 2-2	イミダクロプリドを種子処理後の天敵昆虫への影響であり⑯b
61A	Vidal, C.	2001	Comparison of tomato and sweet pepper cultivation in Spanish greenhouses	不明	EFSA	#10	スペインにおけるトマト及びピーマンの栽培に関する文献であり①
62A	Vidal, C.	2001	Characterization of vegetable production in different growing areas of Spain	不明	EFSA	#10	スペインにおける野菜栽培に関する文献であり①

63A	Rogers, Lucy M.; Gorman, M. L.	2001	The home-range size of wood mice Apodemus sylvaticus living in set-aside and surrounding semi-natural and crop land.	Journal of Zoology (London), (1995) Vol. 237, No. 4, pp. 675-678. ISSN: 0952-8369.	EFSA	#10	マウスの生態に関する文献であり①
64A	Colin, M. E.; Le Conte, Y.; Di Pasquale, S.; Becard, J. M.; Vermandere, P.	2001	Effets des tournesols issus de semences enrobees dimidaclopride (Gaucho) sur les capacites de butinage de la colonie dabeilles domestiques	Hazards of pesticides to bees, 2001, 98, 1-11	EFSA	#10	⑲日本語、英語以外の論文
65A	Lagarde, F.	2001	Sunflower and Gaucho: CETIOM results	CETIOM Oleoscope, 2001, 61	EFSA	#10	⑲日本語、英語以外の論文
66A	Mostert, Magdel A.; Schoeman, At S.; Van Der Merwe, Mac.	2002	The relative toxicities of insecticides to earthworms of the Pheretima group (Oligochaeta).	Pest Manage. Sci., Volume 58, Issue 5, Page 446-450, Publication Year 2002	EPA	#1	ミミズに対する影響であり⑯b
67A	Gels, Jerome A.; Held, David W.; Potter, Daniel A.	2002	Hazards of insecticides to the bumble bees Bombus impatiens (Hymenoptera: Apidae) foraging on flowering white clover in turf.	J. Econ. Entomol., Volume 95, Issue 4, Page 722-728, Publication Year 2002	EPA EFSA	#1 #2 #3 #4	野生ハナバチに対する影響であり⑯b
68A	Idinger, Jacqueline.	2002	Laboratory studies to detect effects of selected plant protection products on Folsomia candida (Collembola: isotomidae).	Z. Pflanzenkrankh. Pflanzenschutz, Volume 109, Issue 5, Page 512-529, Publication Year 2002	EPA	#1	トビムシに対する影響であり⑯b
69A	不明	2002	Environmental Fate of Imidacloprid . Umweltverhalten von Imidacloprid ; Comportement de limidacloropride vis-a-vis de lenvironnement.	Herausgeber/Bearbeiter: Esters, Maria 2002. 26 S. S. (Russisch; Zusammenfassung uebernommen mit freundlicher Genehmigung des Verlags / Hrsg.; Zusammenfassung in Franzoesisch, Spanisch) Serientitel: Pflanzenschutz-Nachrichten Bayer. Sonderausgabe. Bd 55.	EFSA	#4	弊社社内報であり、査読済みの公表文献ではない
70A	Braman, S. Kris [Reprint Author]; Latimer, Joyce G.	2002	Effects of cultivar and insecticide choice on oleander aphid management and arthropod dynamics on Asclepias species.	Journal of Environmental Horticulture, (March, 2002) Vol. 20, No. 1, pp. 11-15. print.	EPA	#1; Appendix 2-2	アブラムシに対する効果であり④
71A	Iglesias, J.; Castillejo, J.; Ester, A.	2002	Laboratory evaluation of potential molluscicides for the control of eggs of the pest slug Deroceras reticulatum (Muller) (Pulmonata: Limacidae).	Int. J. Pest Manage., Volume 48, Issue 1, Page 19-23, Publication Year 2002	EPA	#1; Appendix 2-2	ナメクジへの影響であり④
72A	Marquini, F.; Guedes, R. N. C.; Picanco, M. C.; Regazzi, A. J.	2002	Response of arthropods associated with the canopy of common beans subjected to imidacloprid spraying.	J. Appl. Entomol., Volume 126, Issue 10, Page 550-556, Publication Year 2002	EPA	#1; Appendix 2-2	節足動物の群集への影響を調べておりリスク評価に利用できない
73A	Riffel, M.	2002	AGROBIRD - Database 2002 - Motacilla flava (Linnaeus, 1758)	Agrobird Database, 2002, 1-5	EFSA	#10	鳥のデータベースであり①
74A	Nauen, Ralf; Stumpf, Natascha; Elbert, Alfred.	2002	Toxicological and mechanistic studies on neonicotinoid cross resistance in Q-type Bemisia tabaci (Hemiptera: Aleyrodidae).	Pest Manage. Sci., Volume 58, Issue 9, Page 868-875, Publication Year 2002	EFSA	#10	抵抗性に関してであり④
75A	Nishiwaki, Hisashi; Nakagawa, Yoshiaki; Kuwamura, Morihiko; Sato, Kazuyuki; Akamatsu, Miki; Matsuda, Kazuhiko; Komai, Koichiro; Miyagawa, Hisashi	2003	Correlations of the electrophysiological activity of neonicotinoids with their binding and insecticidal activities	Pest Management Science (2003), 59(9), 1023-1030	EFSA	#5	アセチルコリン受容体結合性と殺虫活性に関してであり④

76A	Lee, Seog-Jong; Tomizawa, Motohiro; Casida, John E.	2003	Nereistoxin and cartap neurotoxicity attributable to direct block of the insect nicotinic receptor/channel.	J. Agric. Food Chem., Volume 51, Issue 9, Page 2646-2652, Publication Year 2003	EFSA	#4	昆虫のアセチルコリン受容体に関する論文であり④
77A	Koppenhofer, Albrecht M.; Cowles, Richard S.; Cowles, Elizabeth A.; Fuzy, Eugene M.; Kaya, Harry K.	2003	Effect of neonicotinoid synergists on entomopathogenic nematode fitness.	Entomol. Exp. Appl., Volume 106, Issue 1, Page 7-18, Publication Year 2003	EPA	#1	昆虫病原性線虫に対する影響であり④
78A	Studebaker, Glenn E.; Kring, Timothy J.	2003	Effects of insecticides on Orius insidiosus (Hemiptera: Anthocoridae), measured by field, greenhouse and Petri dish bioassays.	Fla. Entomol., Volume 86, Issue 2, Page 178-185, Publication Year 2003	EPA	#1	ヒメハナカメムシに対する影響であり⑯b
79A	Studebaker, Glenn E.; Kring, Timothy J.	2003	Effects of various insecticide residues in cotton on gender and developmental stage of the insidious flower bug (Hemiptera: Anthocoridae).	J. Entomol. Sci., Volume 38, Issue 3, Page 409-419, Publication Year 2003	EPA	#1	ヒメハナカメムシに対する影響であり⑯b
80A	Idinger, J.	2003	Laboratory studies to detect effects of selected plant protection products on Heteromurus nitidus (Collembola: Entomobryidae).	Z. Pflanzenkrankh. Pflanzenschutz, Volume 110, Issue 3, Page 263-277, Publication Year 2003	EPA	#1	トビムシに対する影響であり⑯b
81A	Williams, Livy, III; Price, Leslie D.; Manrique, Veronica.	2003	Toxicity of field-weathered insecticide residues to Anaphes iole (Hymenoptera: Mymaridae), an egg parasitoid of Lygus lineolaris (Heteroptera: Miridae), and implications for inundative biological control in cotton.	Biol. Control, Volume 26, Issue 3, Page 217-223, Publication Year 2003	EPA	#1	ホソバネヤドリコバチが適合性なしに対する影響であり⑯b
82A	Grafton-Cardwell, Elizabeth E.; Gu, Ping.	2003	Conserving vedalia beetle, Rodolia cardinalis (Mulsant) (Coleoptera: Coccinellidae), in citrus: a continuing challenge as new insecticides gain registration.	J. Econ. Entomol., Volume 96, Issue 5, Page 1388-1398, Publication Year 2003	EPA	#1	テントウムシに対する影響であり⑯b
83A	Morandin, Lora A.; Winston, Mark L.	2003	Effects of novel pesticides on bumble bee (Hymenoptera: Apidae) colony health and foraging ability.	Environ. Entomol., Volume 32, Issue 3, Page 555-563, Publication Year 2003	EPA EFSA	#1 #2 #3 #4	野生ハナバチに対する影響であり⑯b。#2でinvalidとされている。
84A	Marletto, F.; Patetta, A.; Manino, A. Editor(S): Porrini, C.; Bortolotti, L.	2003	Laboratory assessment of pesticide toxicity to bumble bees .	Bulletin of Insectology (2003), Volume 56, Number 1, pp. 155-158, 9 refs. ISSN: 1721-8861 Published by: Department of Agroenvironmental Sciences and Technologies, Bologna Conference: Proceedings of the 8th International Symposium of the ICP-BR Bee Protection Group: Hazards of Pesticides to Bees, held in Bologna, Italy, September 4-6, 2002.	EPA EFSA	#2 #3 #4	野生ハナバチに対する影響であり⑯b
85A	Wang Dongsheng; Yu Wenjun; Yuan Yongda; Zhao Jingyin; Wang, D. S.; Yu, W. J.; Yuan, Y. D.; Zhao, J. Y.	2003	Sensitivities of bumblebees to some pesticides commonly applied to tomato.	Acta Agriculturae Shanghai (2003), Volume 19, Number 4, pp. 67-69, 7 refs. ISSN: 1000-3924 Published by: Shanghai Academy of Agricultural Sciences, Shanghai	EPA EFSA	#2 #4	野生ハナバチに対する影響であり⑯b。#2でinvalidとされている。

86A	Bonmatin, J. M.; Moineau, I.; Charvet, R.; Fleche, C.; Colin, M. E.; Bengsch, E. R.	2003	A LC/APCI-MS/MS method for analysis of imidacloprid in soils, in plants, and in pollens.	Anal. Chem., Volume 75, Issue 9, Page 2027-2033, Publication Year 2003	EFSA	#4	分析法であり⑤
87A	Faucon, Jean-Paul [Reprint Author]; Aurieres, Clement [Reprint Author]; Drajnudel, Patrick [Reprint Author]; Ribiere, Magali [Reprint Author]; Martel, Anne-Claire [Reprint Author]; Zeggane, Sarah [Reprint Author]; Chauzat, Marie-Pierre [Reprint Author]; A	2003	Toxicity of imidacloprid feedings on honeybee colonies.	Bulletin of Insectology, (June 2003) Vol. 56, No. 1, pp. 195. print. Meeting Info.: 8th International Symposium of the ICP-BR Bee Protection Group on Hazards of Pesticides to Bees. Bologna, Italy. September 04-06, 2002. ISSN: 1721-8861 (ISSN print).	EFSA	#4 #10	学会要旨であり⑧
88A	Hurley, M.; Patel, V.	2003	Effect of imidacloprid on the growth of Eucalyptus nitens seedlings.	Australian Forestry (2003), Volume 66, Number 2, pp. 100-101, 5 refs. ISSN: 0004-9158 Published by: Institute of Foresters of Australia, Yarralumla	EPA	#1; Appendix 2-2	ユーカリへの影響であり④
89A	Bhagwat, Basdeo [Reprint Author]; Lane, W. David	2003	Eliminating Thrips from in vitro shoot cultures of apple with insecticides.	Hortscience, (February 2003) Vol. 38, No. 1, pp. 97-100. print. ISSN: 0018-5345 (ISSN print).	EPA	#1; Appendix 2-2	アザミウマへの影響であり④
90A	Mcgill, N. G.; Bade, G. S.; Vitelli, R. A.; Allsopp, P. G.	2003	Imidacloprid can reduce the impact of the whitegrub Antitrogus parvulus on Australian sugarcane.	Crop Protection (2003), Volume 22, Number 10, pp. 1169-1176, 19 refs. ISSN: 0261-2194 DOI: 10.1016/S0261-2194(03)00158-3 Published by: Elsevier Science Ltd, Oxford	EPA	#1; Appendix 2-2	コガネムシ幼虫に対する効果であり④
91A	Mo, J.; Philpot, K.	2003	Large-scale field trials of imidacloprid for control of the spined citrus bug.	HortScience, Volume 38, Issue 4, Page 555-559, Publication Year 2003	EPA	#1; Appendix 2-2	spined citrus bugへの効果であり④
92A	Soing, P.	2003	Nitrate, pesticides and water quality in the peach orchard - how to assess the risk of pollution ? Nitrate, pesticides et qualite de leau en verger de pecher: comment evaluer les risques de pollution ?	Infos-Ctifl (2003), Number 190, pp. 33-37, 1 refs. ISSN: 0758-5373 Published by: Centre Technique Interprofessionnel des Fruits et Legumes, Paris	EFSA	#4	肥料窒素及び農薬による汚染リスクでありリスク評価に利用できない
93A	Huerta, A.; Medina, P.; Smagghe, G.; Castanera, P.; Vinuela, E.	2003	Topical toxicity of two acetonic fractions of Trichilia havanensis Jacq. and four insecticides to larvae and adults of Chrysoperla carnea (Stephens) (Neuroptera: Chrysopidae).	Commun. Agric. Appl. Biol. Sci., Volume 68, Issue 4a, Page 277-286, Publication Year 2003	EPA	#1; Appendix 2-2	カゲロウへの影響であり⑯b
94A	Sterk, G.; Jans, K.; Put, K.; Wulandari, O. V.; Uyttebroek, M. Editor(S): Roche, L.; Edin, M.; Mathieu, V.; Laurens, F.	2003	Toxicity of chemical and biological plant protection products to beneficial arthropods.	Colloque international tomate sous abri, protection integree -agriculture biologique, Avignon, France, 17-18 et 19 septembre 2003 (2003), pp. 113-118, 9 refs. ISBN: 2-87911-217-6 Published by: Centre Technique Interprofessionnel des Fruits et Legumes, Paris Price: 50 EURO Conference: Colloque international tomate sous abri, protection integree - agriculture biologique, Avignon, France, 17-18 et 19 septembre 2003.	EFSA	#4	野生ハナバチ及び他の有用昆虫への影響であり⑯b

95A	James, David G.	2003	Toxicity of imidacloprid to Galendromus occidentalis, Neoseiulus fallacis and Amblyseius andersoni (Acari: Phytoseiidae) from hops in Washington State, USA.	Exp. Appl. Acarol., Volume 31, Issue 3-4, Page 275-281, Publication Year 2003	EPA	#1; Appendix 2-2	カブリダニへの影響であり⑯b
96A	Incerti, F.; Bortolotti, L.; Porrini, C.; Sbrenna, A. M.; Sbrenna, G. Editor(S): Porrini, C.	2003	An extended laboratory test to evaluate the effects of pesticides on bumblebees. Preliminary results.	Bulletin of Insectology (2003), Volume 56, Number 1, pp. 159-164, 14 refs. ISSN: 1721-8861 Published by: Department of Agroenvironmental Sciences and Technologies, Bologna Conference: Proceedings of the 8th International Symposium of the ICP-BR Bee Protection Group: Hazards of Pesticides to Bees, held in Bologna, Italy, September 4-6, 2002.	EPA EFSA	#2 #3 #4	マルハナバチに対する影響であり⑯b。#2でinvalidとされている。
97A	Nauen, R.; Elbert, A.	2003	European monitoring of resistance to insecticides in Myzus persicae and Aphis gossypii (Hemiptera: Aphididae) with special reference to imidacloprid.	Bull. Entomol. Res., Volume 93, Issue 1, Page 47-54, Publication Year 2003	EFSA	#10	抵抗性に関してであり④
98A	Hommes, M.; Meyhoefer, R.; Siekmann, G.; Wulf, A.; Pehl, L.	2004	Workshop by the BBA for Agriculture and Forestry in Braunschweig: strategies against chestnut leafminer in public green areas. Fachtagung in der BBA fuer Land-und Forstwirtschaft in Braunschweig: Strategien gegen die Rosskastanien-Miniermotte im oeffentlichen Gruen.	AFZ/Der Wald, Allgemeine Forst Zeitschrift fuer Waldwirtschaft und Umweltvorsorge (2004), Volume 59, Number 10, pp. 547-549, 10 refs. ISSN: 1430-2713 Published by: BLV Verlagsgesellschaft mbH, Muenchen	EFSA	#4	ハモグリバエに関するワークショップであり⑧
99A	Sterk, G.; Benuzzi, M.	2004	New plant protection chemicals: tests of toxicity to bumble bees in the greenhouse. Nuovi fitofarmaci, prove di tossicita sui bombi in serra.	Colture Protette (2004) Volume 33, Number 1, pp. 75-77, 3 refs. ISSN: 0390-0444 Published by: Gruppo Calderini Edagricole Srl, Bologna	EFSA	#4	野生ハナバチに対する影響であり⑯b
100A	Rust, Michael K.; Reierson, Donald A.; Klotz, John H.	2004	Delayed toxicity as a critical factor in the efficacy of aqueous baits for controlling Argentine ants (Hymenoptera: Formicidae).	J. Econ. Entomol., Volume 97, Issue 3, Page 1017-1024, Publication Year 2004	EPA	#1	水系の餌に対する影響であり、リスク評価に用いられない
101A	Shaolong Feng; Zhiming Kong; Xinming Wang; Lirong Zhao; Pingan Peng	2004	Acute toxicity and genotoxicity of two novel pesticides on amphibian, Rana N. Hallowell	Chemosphere : (Oxford), (2004) , 56(5), 457-463, refs. 1 p.1/4 ISSN: 0045-6535 CODEN: CMSHAF	EPA	#1	両生類への影響であり⑯b
102A	Elzen, P. J. [Reprint Author]; Elzen, G. W.; Lester, G. E.	2004	Compatibility of an organically based insect control program with honey bee (Hymenoptera: Apidae) pollination in cantaloupes.	Journal of Economic Entomology, (October 2004) Vol. 97, No. 5, pp. 1513-1516. print.	EFSA	#3 #4	メロンの花粉媒介への影響であり、日本の評価に用いられるエンドポイント(LD50)が得られていないため⑱
103A	Suchail, Severine; Debrauwer, Laurent; Belzunces, Luc P.	2004	Metabolism of imidacloprid in Apis mellifera	Pest Management Science (2004), 60(3), 291-296	EFSA	#3 #4	マルハナバチによる花粉媒介への影響であり⑯b
104A	Ihara, Makoto; Matsuda, Kazuhiko [Reprint Author]; Shimomura, Masaru; Sattelle, David B.; Komai, Koichiro	2004	Super agonist actions of clothianidin and related compounds on the SADbeta2 nicotinic acetylcholine receptor expressed in Xenopus laevis oocytes.	Bioscience Biotechnology and Biochemistry, (March 2004) Vol. 68, No. 3, pp. 761-763. print. ISSN: 0916-8451.	EFSA	#5	アフリカツメガエルのアセチルコリン受容体への作用であり⑱

105A	Alumai, Alfred; Grewal, Parwinder S.	2004	Tank-mix compatibility of the entomopathogenic nematodes, Heterorhabditis bacteriophora and Steinernema carpocapsae, with selected chemical pesticides used in turfgrass	Biocontrol Science and Technology (Nov 2004) Volume 14, Number 7, pp. 725-730, 18 refs. CODEN: BSTCE6 ISSN: 0958-3157 DOI: 10.1080/09583150410001724334	EPA	#1; Appendix 2-2	タンクミックスによる線虫への効果であり④
106A	Kaffka, S.; Hembree, K.	2004	The effects of saline soil, irrigation, and seed treatments on sugarbeet stand establishment.	Journal of Sugar Beet Research (2004), Volume 41, Number 3, pp. 61-72, 15 refs. ISSN: 0899-1502 Published by: American Society of Sugar Beet Technologists, Denver	EPA	#1; Appendix 2-2	てんさいの発芽に関する影響であり④
107A	Liu, Huqi; Cupp, Eddie W.; Guo, Aiguang; Liu, Nannan.	2004	Insecticide resistance in Alabama and Florida mosquito strains of Aedes albopictus.	J. Med. Entomol., Volume 41, Issue 5, Page 946-952, Publication Year 2004	EPA	#1; Appendix 2-2	シマカの薬剤感受性であり④
108A	Ottens,R.J., J.R. Ruberson, P.M. Roberts, and J.D. Griffin	2004	Thrips Abundance and Effects of Insecticidal Control on Cotton Growth and Yield in South Georgia	2004 Beltwide Cotton Conferences, San Antonio, TX - January 5-9	EPA	#1; Appendix 2-2	アザミウマへの効果と綿の成長及び収量に関してであり④
109A	Castle, Steven J.; Byrne, Frank J.; Bi, Jian L.; Toscano, Nick C.	2005	Spatial and temporal distribution of imidacloprid and thiamethoxam in citrus and impact on Homalodisca coagulata populations	Pest Management Science (Jan 2005) Volume 61, Number 1, pp. 75-84, 12 refs. CODEN: PMSCFC ISSN: 1526-498X DOI: 10.1002/ps.949	EFSA	#4	ヨコバイに対する影響であり④
110A	Oliver, Jason B.; Mannion, Catharine M.; Klein, Michael G.; Moyseenko, James J.; Bishop, Bert.	2005	Effect of insecticides on Tiphia vernalis (Hymenoptera: Tiphiidae) oviposition and survival of progeny to coccon stage when parasitizing Popillia japonica (Coleoptera: Scarabaeidae) larvae.	J. Econ. Entomol., Volume 98, Issue 3, Page 694-703, Publication Year 2005	EPA	#1	コシツバチへの影響であり⑯b
111A	Capowiez, Yvan; Rault, Magali; Costagliola, Guy; Mazzia, Christophe.	2005	Lethal and sublethal effects of imidacloprid on two earthworm species (Aporrectodea nocturna and Allolobophora icterica).	Biol. Fertil. Soils, Volume 41, Issue 3, Page 135-143, Publication Year 2005	EPA	#1	ミミズに対する影響であり⑯b
112A	Overmyer, J. P. [Reprint Author]; Mason, B. N.; Armbrust, K. L.	2005	Acute toxicity of imidacloprid and fipronil to a nontarget aquatic insect, Simulium vittatum Zetterstedt cytospecies IS-7.	Bulletin of Environmental Contamination and Toxicology, (MAY 2005) Vol. 74, No. 5, pp. 872-879.	EPA	#1	水生昆虫Simulium vittatumに対する影響であり⑯b
113A	Singh, Jitendra; Singh, Dileep K.	2005	Available nitrogen and arginine deaminase activity in groundnut (Arachis hypogaea L.) fields after imidacloprid, diazinon, and lindane treatments.	J. Agric. Food Chem., Volume 53, Issue 2, Page 363-368, Publication Year 2005	EFSA	#4	窒素及びアルギニンデアミナーゼ活性への影響であり評価に利用できない
114A	Gour, I. S.; Pareek, B. L.	2005	Relative toxicity of some insecticides to coccinellid, Coccinella septempunctata Linn. and Indian honey bee , Apis cerana indica.	Indian Journal of Agricultural Research (2005), Volume 39, Number 4, pp. 299-302, 11 refs. ISSN: 0367-8245 Published by: Agricultural Research Communication Centre, Karnal	EFSA	#4	テントウムシ及びミツバチApis cerana indicaに対する影響であり⑯b
115A	Paulson, G. S.; Hull, L. A.; Biddinger, D. J.	2005	Effect of a plant growth regulator prohexadione-calcium on insect pests of apple and pear.	J. Econ. Entomol., Volume 98, Issue 2, Page 423-431, Publication Year 2005	EPA	#1; Appendix 2-2	植物生長調節剤とイミダクロプリドの相乗効果を調べたものであり④

116A	Gulati, Rachna; Sharma, S. K.; Sharma, P. D.	2005	Field and residual toxicity of commonly used insecticides to Asian honeybees (Apis dorsata F. and A. florea F.) in cotton.	Mitsubachi Kagaku, Volume 26, Issue 1, Page 29-32, Publication Year 2005	EFSA	#4	A. dorsata及びA. floreaを用いており⑯b
117A	Anitha, V.; Wightman, John; Rogers, D. John.	2005	Management of white grubs (Coleoptera: Scarabaeidae) on groundnut in southern India.	Int. J. Pest Manage., Volume 51, Issue 4, Page 315-322, Publication Year 2005	EPA	#1; Appendix 2-2	コガネムシに関してであり④
118A	Castagnoli, Marisa; Liguori, Marialivia; Simoni, Sauro; Duso, Carlo.	2005	Toxicity of some insecticides to Tetranychus urticae, Neoseiulus californicus and Tydeus californicus.	BioControl, Volume 50, Issue 4, Page 611-622, Publication Year 2005	EPA	#1; Appendix 2-2	ハダニ等への影響であり④
119A	Mochi, Dinalva A.; Monteiro, Antonio C.; Barbosa, Jose C.	2005	Action of pesticides to Metarhizium anisopliae in soil.	Neotrop. Entomol., Volume 34, Issue 6, Page 961-971, Publication Year 2005	EPA	#1; Appendix 2-2	メタリジウム菌についての文献であり⑯b
120	Sagun, V. G.; Ocampo, P. P.	2006	Proliferation of melanomacrophage centers (MMCs) in nile tilapia (Oreochromis niloticus Linn.) as induced by exposure to imidacloprid insecticide.	Philippine Entomologist (2006), Volume 20, Number 2, pp. 150-164, 17 refs. ISSN: 0048-3753 Published by: Philippine Association of Entomologists Inc, College	EPA	#1; Chapter 2, p 12-13; Appendix 2-3, p 6-7	⑯b
121	Chauzat, Marie-Pierre; Faucon, Jean-Paul; Martel, Anne-Claire; Lachaize, Julie; Cougoule, Nicolas; Aubert, Michel	2006	A survey of pesticide residues in pollen loads collected by honey bees in France	Journal of Economic Entomology (2006), 99(2), 253-262	EFSA	#3; Appendix C, p 55 #4; p 22, 34, 94, 220, 224, 226-227, 351-352	海外モニタリングであり、日本における評価に利用できない。
122	Fanti, M.; Maines, R.; Angeli, G. Editor(S): Brunelli, A.; Canova, A.; Collina, M.	2006	Evaluation of the repellency and acute toxicity of Neonicotinoids insecticides on Apis mellifera ligustica. Valutazione dei livelli di repellenza e della tossicita di insetticidi Neonicotinoidi su Apis mellifera ligustica.	Giornate Fitopatologiche 2006, Riccione (RN), 27-29 marzo 2006. Atti, volume primo (2006) , pp. 51-58, 6 refs. Published by: Universita di Bologna, Bologna Conference: Atti, Giornate Fitopatologiche, Riccione, Italy, 27-29 March 2006.	EFSA	#3; Appendix C, p 96-97 #4; p 94, 560-561	⑲
123	Rancan, M.; Sabatini, A. G.; Achilli, G.; Galletti, G. C.	2006	Determination of Imidacloprid and metabolites by liquid chromatography with an electrochemical detector and post column photochemical reactor	Analytica Chimica Acta (2006), 555(1), 20-24	EFSA	#3; Appendix C, p 248 #4; p 34, 94, 352	⑤
124	Chauzat, Marie-Pierre; Faucon, Jean-Paul; Martel, Anne-Claire; Lachaize, Julie; Cougoule, Nicolas; Aubert, Michel	2006	Pesticides, pollen and honey bees	Phytoma (2006), 594, 40-45	EFSA	#3; Appendix C, p 55	⑲
125	Sanyal, N.; Pal, R.; Chowdhury, A.	2006	Dissipation of imidacloprid in tea soil at termiticidal application rate.	Int. J. Soil Sci., Volume 1, Issue 1, Page 81-84, Publication Year 2006	EFSA	#4; p 37, 104, 414-415	⑭ ⑰
126	Capowiez, Yvan; Berard, Annette	2006	Assessment of the effects of imidacloprid on the behavior of two earthworm species (Aporrectodea nocturna and Allolobophora icterica) using 2D terraria	Ecotoxicology and Environmental Safety (2006), 64(2), 198-206	EPA	#1; Chapter 2, p 2-47 (Figure 2-25)	⑯b
127	Oliver, Jason B.; Reding, Michael E.; Moyseenko, James J.; Klein, Michael G.; Mannion, Catharine M.; Bishop, Bert	2006	Survival of adult Tiphia vernalis (Hymenoptera: Tiphiidae) after insecticide, fungicide, and herbicide exposure in laboratory bioassays	Journal of Economic Entomology (2006), 99(2), 288-294	EPA	#1; Chapter 2, p 2-48 (Figure 2-26)	⑯b

128	Cowles, R. S.; Montgomery, M. E.; Cheah, C. A. S.-J.	2006	Activity and residues of imidacloprid applied to soil and tree trunks to control hemlock woolly adelgid (Hemiptera: Adelgidae) in forests.	J. Econ. Entomol., Volume 99, Issue 4, Page 1258-1267, Publication Year 2006	EFSA	#4; p 38, 108, 442	④
129	Paul, Ayesa; Harrington, Laura C.; Scott, Jeffrey G.	2006	Evaluation of novel insecticides for control of dengue vector Aedes aegypti (diptera: Culicidae).	J. Med. Entomol., Volume 43, Issue 1, Page 55-60, Publication Year 2006	EPA	#1; Chapter 2, p 2-48 (Figure 2-26)	④
130	Alexander, Alexa C	2006	Sublethal effects of imidacloprid on mayflies and oligochaetes.	Masters Abstracts International. Vol. 47, no. 01, 91 p. 2006. ISBN: 9780494412862	EPA	#1; Chapter 2, p 2-21 (Figure 2-7), p 2-22 (Figure 2-8); Appendix 2-3, p 12	⑧
131	Samson,P.R., T.N. Staier, and J.I. Bull	2006	Evaluation of an Application Procedure for Metarhizium anisopliae in Sugarcane Ratoons for Control of the White Grub Dermolepida albohirtum	Crop Protection, Volume 25, Issue 8, August 2006, Pages 741-747	EPA	#1; Appendix 2-2	④
132	Grosman, Donald M.; Upton, William W.	2006	Efficacy of systemic insecticides for protection of loblolly pine against southern pine engraver beetles (Coleoptera: Curculionidae: Scolytinae) and wood borers (Coleoptera: Cerambycidae)	Journal of Economic Entomology (2006), 99(1), 94-101	EPA	#1; Appendix 2-2	④
133	Stelinski, L. L.; Pelz-Stelinski, K. S.; Liburd, O. E.; Gut, L. J.	2006	Control strategies for Rhagoletis mendax disrupt host-finding and ovipositional capability of its parasitic wasp, Diachasma alloeum.	Biological Control, (JAN 2006) Vol. 36, No. 1, pp. 91-99. ISSN: 1049-9644.	EPA	#1; Appendix 2-2	④
134	Smith, Trevor Randall; Cave, Ronald D.	2006	Pesticide susceptibility of Cybocephalus nipponicus and Rhyzobius lophanthae (Coleoptera: Cybocephalidae, Coccinellidae)	Florida Entomologist (2006), 89(4), 502-507	EPA	#1; Appendix 2-2	⑯b
135	Key, Peter; Chung, Katy; Siewicki, Tom; Fulton, Mike	2007	Toxicity of three pesticides individually and in mixture to larval grass shrimp (Palaemonetes pugio)	Ecotoxicology and Environmental Safety (2007), 68(2), 272-277	EPA	#1; Appendix 2-5, p 5	エビを用いた試験であるが、ガイドラインの推奨種ではない。
136	Garcia, M. D. Gil; Galera, M. Martinez; Valverde, R. Santiago; Galanti, A.; Girotti, S.	2007	Column switching liquid chromatography and post-column photochemically fluorescence detection to determine imidacloprid and 6-chloronicotinic acid in honeybees	Journal of Chromatography A (2007), 1147(1), 17-23	EFSA	#4; p 34, 93, 349	海外モニタリング又はその分析法の開発であり、日本における評価に利用できない。
137	Solangi, B. K.; Lohar, M. K.	2007	Effect of some insecticides on the population of insect pests and predators on okra.	Asian Journal of Plant Sciences (2007), Volume 6, Number 6, pp. 920-926, 21 refs. ISSN: 1682-3974 Published by: ANSInet, Asian Network for Scientific Information, Faisalabad	EPA	#1; Appendix 2-2	⑯b

138	Alexander, Alexa C.; Culp, Joseph M.; Liber, Karsten; Cessna, Allan J.	2007	Effects of insecticide exposure on feeding inhibition in mayflies and oligochaetes	Environmental Toxicology and Chemistry (Aug 2007) Volume 26, Number 8, pp. 1726-1732, 35 refs. CODEN: ETOCDK ISSN: 0730-7268 DOI: 10.1897/07-015R.1	EPA	#1; Appendix 2-5, p 3, 8, 9	⑯b
139	Krischik, Vera A.; Landmark, Alyson L.; Heimpel, George E.	2007	Soil-applied imidacloprid is translocated to nectar and kills nectar-feeding Anagyrus pseudococci (Girault) (Hymenoptera: Encyrtidae)	Environmental Entomology (2007), 36(5), 1238-1245	EPA EFSA	#1; Chapter 2, p 2-40 (Figure 2-20) #4; p 34, 93, 348-349	⑯b
140	Rezaei, M.; Talebi, K.; Naveh, V. H.; Kavousi, A.	2007	Impacts of the pesticides imidacloprid, propargite, and pymetrozine on Chrysoperla carnea (Stephens) (Neuroptera: Chrysopidae): IOBC and life table assays.	BioControl, Volume 52, Issue 3, Page 385-398, Publication Year 2007	EPA	#1; Appendix 2-2	⑯b
141	Kreutzweiser, David; Good, Kevin; Chartrand, Derek; Scarr, Taylor; Thompson, Dean.	2007	Non-target effects on aquatic decomposer organisms of imidacloprid as a systemic insecticide to control emerald ash borer in riparian trees.	Ecotoxicol. Environ. Saf., Volume 68, Issue 3, Page 315-325, Publication Year 2007	EPA	#1; Appendix 2-2	⑱(マイクロコスムのような混合生物系)
142	Kolupaeva, V.; Gorbatov, V.; Kokoreva, A.	2007	Comparison of PEARL and MACRO_DB simulations in the unsaturated zone using lysimeter experiment data	Environmental Fate and Ecological Effects of Pesticides, Symposium Pesticide Chemistry, 13th, Piacenza, Italy, Sept. 3-6, 2007 (2007), 497-502. Editor(s): Del Re, Attilio Amerigo Maria. Publisher: Goliardica Pavese s.r.l., Pavia, Italy.	EFSA	#4; p 37, 104, 412	⑧
143	Rogers, Mary A.; Krischik, Vera A.; Martin, Luis A.	2007	Effect of soil application of imidacloprid on survival of adult green lacewing, Chrysoperla carnea (Neuroptera: Chrysopidae), used for biological control in greenhouse.	Biol. Control, Volume 42, Issue 2, Page 172-177, Publication Year 2007	EPA	#1; Appendix 2-2	⑯b
144	Pastagia, J. J.; Patel, M. B.	2007	Relative contact toxicity of some insecticides to worker bees of Apis Cerana F.	J. Plant Prot. Environ., Volume 4, Issue 2, Page 89-92, Publication Year 2007	EFSA	#3; Appendix C, p 215-216 #4; p 93, 559	⑯b
145	Medina, P.; Morales, J. J.; Budia, F.; Adan, A.; Del Estal, P.; Vinuela, E.	2007	Compatibility of endoparasitoid Hyposoter didymator (Hymenoptera: Ichneumonidae) protected stages with five selected insecticides	Journal of Economic Entomology (2007), 100(6), 1789-1796	EPA	#1; Chapter 2, p 2-45 (Figure 2-24)	⑯b
146	Sanchez-Bayo, Francisco; Yamashita, Hanae; Osaka, Ryu; Yoneda, Masahiro; Goka, Kouichi	2007	Ecological effects of imidacloprid on arthropod communities in and around a vegetable crop	Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants, and Agricultural Wastes (2007), 42(3), 279-286	EFSA	#4; p 37, 104, 411	⑯b ⑰
147	Liu, Chang-Zhong; Wang, Gang; Yan, Lin	2007	Effects of imidacloprid on arthropod community structure and its dynamics in alfalfa field	Yingyong Shengtai Xuebao (2007), 18(10), 2379-2383	EFSA	#4; p 93, 558	⑲

148	Santos Adao Valmir; De Oliveira Bruno Lorenz; Samuels Richard Ian	2007	Selection of entomopathogenic fungi for use in combination with sub-lethal doses of imidacloprid: perspectives for the control of the leaf-cutting ant Atta sexdens rubropilosa Forel (Hymenoptera: Formicidae).	Mycopathologia, (2007 Apr) Vol. 163, No. 4, pp. 233-40. Electronic Publication Date: 3 Apr 2007	EPA	#1; Chapter 2, p 2-40 (Figure 2-20)	⑯b
149	Schulte, Marie Joy; Martin, Konrad; Sauerborn, Joachim	2007	Biology and control of the fruit borer, Conopomorpha sinensis Bradley on litchi (Litchi chinensis Sonn.) in northern Thailand.	Insect Science, (DEC 2007) Vol. 14, No. 6, pp. 525-529. ISSN: 1672-9609. E-ISSN: 1744-7917.	EPA	#1; Appendix 2-2	⑯b
150	Bonmatin, J. M.; Marchand, P. A.; Cotte, J. F.; Aajoud, A.; Casabianca, H.; Goutailler, G.; Courtiade, M.	2007	Bees and systemic insecticides (imidacloprid, fipronil) in pollen: subnano-quantification by HPLC/MS/MS and GC/MS.	Environ. Fate Ecol. Eff. Pestic., Symp. Pestic. Chem., 13th, Page 827-834, Publication Year 2007	EPA EFSA	#2; p 316 #4; p 93, 350	⑧
151	Lawrence,K.S., T.B. Hatchett, W.S. Gazaway, and J.R. Akridge	2007	Evaluation of Experimental Gaucho Grande Seed Treatment Formulations for Reniform Nematode Management in Cotton in South Alabama, 2006	National Agricultural Library, ISSN : 1072-074X	EPA	#1; Appendix 2-2	④
152	Lawrence,K.S., T.B. Hatchett, C.H. Burmester, and B.E. Norris	2007	Evaluation of Experimental Gaucho Grande Formulations for Reniform Nematode Management in Cotton in North Alabama, 2006	ALABAMA AGRICULTURAL EXPERIMENT STATION, Research Report No. 30, March 2007	EPA	#1; Appendix 2-2	④
153	Collett,N.G., and J. Mcbeath	2007	Managing Insect Pests in Eucalyptus globulus (Labill.) Plantations in Victoria Using Insecticide Tablets at Establishment	Australian Forestry,Volume 70, 2007 - Issue 1, pages 53-60	EPA	#1; Appendix 2-2	④
154	Siddiqui, A.; Choudhary, M.; Goriya, H. V.; Bhavsar, S. K.; Thaker, A. M.	2007	Evaluation of immunotoxic effect of short-term administration of quinalphos and imidacloprid in white leghorn cockerels.	Toxicol. Int., Volume 14, Issue 1, Page 15-19, Publication Year 2007	EPA	#1; Appendix 2-2	⑱
155	Vitullo, Justin M.; Sadof, Clifford S.	2007	Efficacy of soil and foliar-applied azadirachtin in combination with and in comparison to soil-applied imidacloprid and foliar-applied carbaryl against Japanese beetles on roses.	HortTechnology, Volume 17, Issue 3, Page 316-321, Publication Year 2007	EPA	#1; Appendix 2-2	④
156	Kostromytska,O.S., and E.A. Buss	2008	Seasonal Phenology and Management of Tomarus subtropicus (Coleoptera: Scarabaeidae) in St. Augustinegrass	J. Econ. Entomol.101(6): 1847-1855	EPA	#1; Chapter 2, p 2-48 (Figure 2-26)	⑯b
157	Alexander, Alexa C.; Heard, Kristie S.; Culp, Joseph M.	2008	Emergent body size of mayfly survivors.	Freshwater Biology, (JAN 2008) Vol. 53, No. 1, pp. 171-180.	EPA	#1; Chapter 2, p 2-21 (Figure 2-7), 2-22 (Figure 2-8)	⑯b

158	Gradish, A. E.; Dupree, C. D. S.; Shipp, L.; Harris, C. R.; Ferguson, G. Editor(S): Enkegaard, A.	2008	The effect of reduced risk pesticides for use in greenhouse vegetable production on bumble bees (Bombus impatiens Cresson).	Bulletin OILB/SROP (2008), Volume 32, pp. 67-70, 7 refs. Published by: International Organization for Biological and Integrated Control of Noxious Animals and Plants (OIBC/OILB), West Palaearctic Regional Section (WPRS/SROP), Dijon Conference: Internation	EFSA	#4; p 93, 558	⑧
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160	Greatti, M.; Barbattini, R.; Stravisi, A.; Sabatini, A. G.; Rossi, S.	2008	Spread of the seed treatment Gaucho 350FS (a.i. imidacloprid) in the environment during maize sowing - Insecticides applied for seed dressing in maize. Dispersione nellambiente del conciante Gaucho 350FS (s.a. imidacloprid) durante la semina del mais: g	Notiziario ERSA (2008), Volume 22, Number 2, pp. 33-36, 5 refs. ISSN: 1970-9749 Published by: ERSA, Gorizia	EFSA	#4; p 34, 76, 93, 347	⑲
161	Kreutzweiser, David P.; Good, Kevin P.; Chartrand, Derek T.; Scarr, Taylor A.; Thompson, Dean G.	2008	Are leaves that fall from imidacloprid-treated maple trees to control Asian longhorned beetles toxic to non-target decomposer organisms?.	J. Environ. Qual., Volume 37, Issue 2, Page 639-646, Publication Year 2008	EPA	#1; Chapter 2, p 2-40 (Figure 2-20)	⑯b
162	Wang, Huai Yin; Yang, Yang; Su, Jian Ya; Shen, Jin Liang; Gao, Cong Fen; Zhu, Yu Cheng.	2008	Assessment of the impact of insecticides on Anagrus nilaparvatae (Pang et Wang) (Hymenoptera: Mymanidae), an egg parasitoid of the rice planthopper, Nilaparvata lugens (Hemiptera: Delphacidae).	Crop Prot., Volume 27, Issue 3-5, Page 514-522, Publication Year 2008	EPA	#1; Chapter 2, p 2-40 (Figure 2-20)	⑯b
163	Chandramani, P.; Usha Rani, B.; Muthiah, C.; Kumar, S.	2008	Evaluation of toxicity of certain insecticides to Indian honeybee, Apis cerana indica F.	Pestology, Volume 32, Issue 8, Page 42-43, Publication Year 2008	EPA EFSA	#2; Appendix A, p 2-3 #3; Appendix C, p 52-53 #4; p 107, 647	⑯b #2でinvalidとされている。
164	Zhang, Yixi; Liu, Shuhua; Gu, Jianhua; Song, Feng; Yao, Xiangmei; Liu, Zewen.	2008	Imidacloprid acts as an antagonist on insect nicotinic acetylcholine receptor containing the Y151M mutation.	Neurosci. Lett., Volume 446, Issue 2-3, Page 97-100, Publication Year 2008	EPA	#2; p 327	④
165	Illarionov, A. I.; Derkach, A. A.	2008	Toxicity and hazard of neonicotinoids for honeybees.	Agrokhimiya, Issue 10, Page 74-81, Publication Year 2008	EFSA	#4; p 92, 550-552	⑲
166	Drobne, Damjana; Blazic, Mateja; Van Gestel, Cornelis A. M.; Leser, Vladka; Zidar, Primoz; Jemec, Anita; Trebse, Polonca.	2008	Toxicity of imidacloprid to the terrestrial isopod Porcellio scaber (Isopoda, Crustacea).	Chemosphere, Volume 71, Issue 7, Page 1326-1334, Publication Year 2008	EPA	#1; Chapter 2, p 2-40 (Figure 2-20)	⑯b

167	Abbott, V. A.; Nadeau, J. L.; Higo, H. A.; Winston, M. L.	2008	Lethal and sublethal effects of imidacloprid on Osmia lignaria and clothianidin on Megachile rotundata (Hymenoptera: Megachilidae)	Journal of Economic Entomology (2008), 101(3), 784-796	EPA EFSA	#2; p 148; Appendix E, p 58 #3; Appendix C, p 8 #4; p 92, 553-556	⑯b
168	Stevens, Mark M.; Reinke, Russell F.; Coombes, Neil E.; Helliwell, Stuart; Mo, Jianhua.	2008	Influence of imidacloprid seed treatments on rice germination and early seedling growth.	Pest Manage. Sci., Volume 64, Issue 3, Page 215-222, Publication Year 2008	EPA	#1; Appendix 2-3, p 42	④
169	Reynolds,W.N.	2008	Imidacloprid Insecticide Treatments for Hemlock Woolly Adelgid, Adelges tsugae Annand (Hemiptera: Adelgidae), Affect a Non-Target Soil Arthropod Community Surrounding Eastern Hemlock, Tsuga canadensis (L) Carriere	A Thesis Presented for the Master of Science Degree, The University of Tennessee, Knoxville	EPA	#1; Chapter 2, p 2-47 (Figure 2-25)	査読プロセスのある学術ジャーナルに掲載されていない。
170	Cuthbertson, Andrew G. S.; Mathers, James J.; Northing, Phil; Prickett, Anthony J.; Walters, Keith F. A.	2008	The integrated use of chemical insecticides and the entomopathogenic nematode, Steinernema carpocapsae (Nematoda : Steinernematidae), for the control of sweetpotato whitefly, Bemisia tabaci (Hemiptera : Aleyrodidae).	Insect Science, (OCT 2008) Vol. 15, No. 5, pp. 447-453. ISSN: 1672-9609. E-ISSN: 1744-7917.	EPA	#1; Appendix 2-2	④
171	Baldessari, M.; Trona, F.; Leonardelli, E.; Angeli, G. Editor(S): Brunelli, A.	2008	Efficacy of acetamiprid (Epik.RTM.) and azadirachtin (Oikos.RTM.) for controlling Dysaphis plantaginea Pass. Efficacia di acetamiprid (Epik.RTM.) e di azadiractina (Oikos.RTM.) nel contenimento di Dysaphis plantaginea.	Giornate Fitopatologiche 2008, Cervia (RA), 12-14 marzo 2008, Volume 1 (2008), pp. 115-120, 4 refs. Published by: Universita di Bologna, Bologna Conference: Giornate Fitopatologiche 2008, Cervia (RA), 12-14 marzo 2008, Volume 1.	EFSA	#4; p 215	⑲
172	Chauzat, Marie-Pierre; Carpentier, Patrice; Martel, Anne-Claire; Bougeard, Stephanie; Cougoule, Nicolas; Porta, Philippe; Lachaize, Julie; Madec, Francois; Aubert, Michel; Faucon, Jean-Paul.	2009	Influence of pesticide residues on honey bee (Hymenoptera: Apidae) colony health in France.	Environ. Entomol., Volume 38, Issue 3, Page 514-523, Publication Year 2009	EPA EFSA	#2; p 316 #4; p 22, 33, 91, 220-221, 338-339, 542	海外モニタリングであり、日本における評価に利用できない。
173	Sawasdee, Banthita; Koehler, Heinz-R.	2009	Embryo toxicity of pesticides and heavy metals to the ramshorn snail, Marisa cornuarietis (Prosobranchia).	Chemosphere, Volume 75, Issue 11, Page 1539-1547, Publication Year 2009	EPA	#1; Chapter 2, p 2-10, 2-17, 2-23 (Figure 2-9); Appendix 2-3, p 19	⑯b
174	Kreutzweiser, David P.; Thompson, Dean G.; Scarr, Taylor A.	2009	Imidacloprid in leaves from systemically treated trees may inhibit litter breakdown by non-target invertebrates.	Ecotoxicol. Environ. Saf., Volume 72, Issue 4, Page 1053-1057, Publication Year 2009	EPA	#1; Chapter 2, p 2-40 (Figure 2-20)	⑯b
175	Gomez-Eyles, Jose L.; Svendsen, Claus; Lister, Lindsay; Martin, Heather; Hodson, Mark E.; Spurgeon, David J.	2009	Measuring and modelling mixture toxicity of imidacloprid and thiacloprid on Caenorhabditis elegans and Eisenia fetida	Ecotoxicology and Environmental Safety (2009), 72(1), 71-79	EPA	#1; Chapter 2, p 2-47 (Figure 2-25)	⑯b

176	Scott-Dupree, C. D.; Conroy, L.; Harris, C. R.	2009	Impact of currently used or potentially useful insecticides for canola agroecosystems on Bombus impatients (Hymenoptera: Apidae), Megachile rotundata (Hymentoptera: Megachilidae), and Osmia lignaria (Hymenoptera: Megachilidae)	Journal of Economic Entomology (2009), 102(1), 177-182	EPA EFSA	#2; p 136-137 #3; Appendix C, p 291-294 #4; p 91, 546	⑯b
177	Pestana, J. L. T.; Alexander, A. C.; Culp, J. M.; Baird, D. J.; Cessna, A. J.; Soares, A. M. V. M.	2009	Structural and functional responses of benthic invertebrates to imidacloprid in outdoor stream mesocosms.	Environ. Pollut. (Oxford, U. K.), Volume 157, Issue 8-9, Page 2328-2334, Publication Year 2009	EPA	#1; Appendix 2-2	⑱
178	Aprea, Cristina; Lunghini, Liana; Banchi, Bruno; Peruzzi, Antonio; Centi, Letizia; Coppi, Luana; Bogi, Mirella; Marianelli, Enrico; Fantacci, Mariella; Catalano, Pietro; Benvenuti, Alessandra; Miligi, Lucia; Sciarra, Gianfranco.	2009	Evaluation of inhaled and cutaneous doses of imidacloprid during stapling ornamental plants in tunnels or greenhouses.	J. Exposure Sci. Environ. Epidemiol., Volume 19, Issue 6, Page 555-569, Publication Year 2009	EFSA	#4; p 37, 77, 103, 408	④
179	Becker, Alexssandro G.; Moraes, Bibiana S.; Menezes, Charlene C.; Loro, Vania L.; Santos, Danilo R.; Reichert, Jose M.; Baldisserotto, Bernardo	2009	Pesticide contamination of water alters the metabolism of juvenile silver catfish, Rhamdia quelen	Ecotoxicology and Environmental Safety (2009), 72(6), 1734-1739	EFSA	#4; p 38, 77, 108, 439	⑯b
180	Bortolotti, L.; Sabatini, A. G.; Mutinelli, F.; Astuti, M.; Lavazza, A.; Piro, R.; Tesoriero, D.; Medrzycki, P.; Sgolastra, F.; Porrini, C. Editor(S): Oomen, P. A.; Thompson, H. M.	2009	Spring honey bee losses in Italy.	Julius-Kuehn-Archiv (2009), Number 423, pp. 148-152, 6 refs. ISSN: 1868-9892 Published by: Julius Kuehn Institut, Bundesforschungsinstitut fuer Kulturpflanzen, Quedlinburg Conference: Hazards of pesticides to bees. 10th International Symposium of the ICP-	EFSA	#4; p 33, 76, 92, 344-345	⑧
181	Janke, M.; Rosenkranz, P. Editor(S): Oomen, P. A.; Thompson, H. M.	2009	Periodical honey bee colony losses in Germany: preliminary results from a four years monitoring project.	Julius-Kuehn-Archiv (2009) , Number 423, pp. 108-117, 1 refs. ISSN: 1868-9892 Published by: Julius Kuehn Institut, Bundesforschungsinstitut fuer Kulturpflanzen, Quedlinburg Conference: Hazards of pesticides to bees. 10th International Symposium of the ICP	EFSA	#4; p 33, 91, 341	⑧
182	Pridgeon, Julia W.; Becnel, James J.; Clark, Gary G.; Linthicum, Kenneth J.	2009	A high-throughput screening method to identify potential pesticides for mosquito control.	J. Med. Entomol., Volume 46, Issue 2, Page 335-341, Publication Year 2009	EPA	#1; Chapter 2, p 2-44 (Figure 2-23)	⑯b
183	Yokoyama, Atsushi; Ohtsu, Kazuhisa; Iwafune, Takashi; Nagai, Takashi; Ishihara, Satoru; Kobara, Yuso; Horio, Takeshi; Endo, Shozo.	2009	A useful new insecticide bioassay using first-instar larvae of a net-spinning caddisfly, Cheumatopsyche brevilineata (Trichoptera: Hydropsychidae).	J. Pestic. Sci. (Tokyo, Jpn.), Volume 34, Issue 1, Page 13-20, Publication Year 2009	EPA	#1; Appendix 2-5, p 4	⑯b

184	Valdovinos-Nunez, Gustavo Rafael; Quezada-Euan, Jose Javier G.; Ancona-Xiu, Patricia; Moo-Valle, Humberto; Carmona, Angelica; Sanchez, Esau Ruiz	2009	Comparative toxicity of pesticides to stingless bees (Hymenoptera: Apidae: Meliponini)	Journal of Economic Entomology (2009), 102(5), 1737-1742	EPA EFSA	#1; Chapter 2, p 2-44 (Figure 2-23) #2; Appendix A, p 9 #3; Appendix C, p 244-245 #4; p 90, 540	⑯b #2でinvalidとされている。
185	Jalali, Mohammad Amin; Leeuwen, Thomas; Tirry, Luc; Clercq, Patrick	2009	Toxicity of selected insecticides to the two-spot ladybird Adalia bipunctata	Phytoparasitica (2009), 37(4), 323-326	EPA	#1; Chapter 2, p 2-40 (Figure 2-20)	⑯b
186	Karanjkar, A. S.; Naik, R. L.	2009	Acute toxicity : novel mode of pesticides on earthworm .	International Journal of Plant Protection (2009), Volume 2, Number 2, pp. 182-185, 20 refs. ISSN: 0974-2670 Published by: Dr. R.K. Singh, Muzaffarnagar	EFSA	#4; p 216	⑯b
187	Dively, G.; Embrey, Mike; Patton, Terry; Pettis, Jeff; Miller, Amy	2009	Assessment of sublethal effects of imidacloprid on honey bee colony health	20091213 Conference: 57th Annual Meeting of the Entomological Society of America, Indianapolis, Indiana, 13 Dec 2009 - 16 Dec 2009	EPA EFSA	#2; p 164 #4; p 117, 181, 221, 225	⑧
188	Xu, Ting; Jacobsen, Christopher M.; Hara, Arnold H.; Li, Ji; Li, Qing X.	2009	Efficacy of systemic insecticides on the gall wasp Quadrastichus erythrinae in wiliwili trees (Erythrina spp.).	Pest Manage. Sci., Volume 65, Issue 2, Page 163-169, Publication Year 2009	EFSA	#4; p 38, 108, 440-442	④
189	Doccola, Joseph J.; Smith, Sheri L.; Strom, Brian L.; Medeiros, Arthur C.; Von Allmen, Erica	2009	Systemically Applied Insecticides for Treatment of Erythrina Gall Wasp, Quadrastichus erythrinae Kim (Hymenoptera: Eulophidae).	Arboriculture and Urban Forestry, (JUL 2009) Vol. 35, No. 4, pp. 173-181. ISSN: 1935-5297. E-ISSN: 2155-0778.	EPA	#1; Appendix 2-2	④
190	Forster, R. Editor(S): Oomen, P. A.; Thompson, H. M.	2009	Bee poisoning caused by insecticidal seed treatment of maize in Germany in 2008.	Julius-Kuehn-Archiv (2009) , Number 423, pp. 126-131 ISSN: 1868-9892 Published by: Julius Kuehn Institut, Bundesforschungsinstitut fuer Kulturpflanzen, Quedlinburg Conference: Hazards of pesticides to bees. 10th International Symposium of the ICP-Bee Protection Group. Bucharest, Romania, 8-10 October, 2008.	EPA	#2; p 318	⑱(ミツバチ事故)
191C	Scheil, Volker; Koehler, Heinz-R.	2009	Influence of Nickel Chloride, Chlorpyrifos, and Imidacloprid in Combination with Different Temperatures on the Embryogenesis of the Zebrafish Danio rerio.	Arch. Environ. Contam. Toxicol., Volume 56, Issue 2, Page 238-243, Publication Year 2009	NTP	#9	⑱
192	Dondero, Francesco; Negri, Alessandro; Boatti, Lara; Marsano, Francesco; Mignone, Flavio; Viarengo, Aldo.	2010	Transcriptomic and proteomic effects of a neonicotinoid insecticide mixture in the marine mussel (Mytilus galloprovincialis, Lam.).	Sci. Total Environ., Volume 408, Issue 18, Page 3775-3786, Publication Year 2010	EPA	#1; Appendix 2-5, p 5	⑯b
193	Osterberg, Joshua Samuel	2010	Ecotoxicology of natural and anthropogenic extreme environments.	Dissertation Abstracts International. Vol. 71, no. 04, suppl. B, 178 p. 2010. ISBN: 9781109714876	EPA	#1; Appendix 2-3, p 16-17	⑧

194	Garrido-Bailon, E.; Martin-Hernandez, R.; Bernal, J.; Bernal, J. L.; Martinez-Salvador, A.; Barrios, L.; Meana, A.; Higes, M. [Reprint Author]	2010	Short communication. The detection of Israeli Acute Paralysis virus (IAPV), fipronil and imidacloprid in professional apiaries are not related with massive honey bee colony loss in Spain.	Spanish Journal of Agricultural Research, (SEP 2010) Vol. 8, No. 3, pp. 658-661. ISSN: 1695-971X.	EFSA	#4; p 33, 89, 332	海外モニタリングであり、日本における評価に利用できない。
195	Bernal, J.; Garrido-Bailon, E.; Del Nozal, M. J.; Gonzalez-Porto, A. V.; Martin-Hernandez, R.; Diego, J. C.; Jimenez, J. J.; Bernal, J. L.; Higes, M.	2010	Overview of pesticide residues in stored pollen and their potential effect on bee colony (Apis mellifera) losses in Spain	Journal of Economic Entomology (2010), 103(6), 1964-1971	EFSA	#3; Appendix C, p 31 #4; p 33, 88, 332	海外モニタリングであり、日本における評価に利用できない。
196	Girotti, Stefano; Maiolini, Elisabetta; Ghini, Severino; Eremin, Sergei; Manes, Jordi.	2010	Quantification of Imidacloprid in Honeybees: Development of a Chemiluminescent ELISA.	Anal. Lett., Volume 43, Issue 3, Page 466-475, Publication Year 2010	EFSA	#4; p 33, 76, 89, 335	海外モニタリング又はその分析法の開発であり、日本における評価に利用できない。
197	Mullin, Christopher A.; Frazier, Maryann; Frazier, James L.; Ashcraft, Sara; Simonds, Roger; Van Engelsdorp, Dennis; Pettis, Jeffery S.	2010	High levels of miticides and agrochemicals in North American apiaries: implications for honey bee health.	PLoS One, Volume 5, Issue 3, Page No pp. given, Publication Year 2010	EPA EFSA	#2; p 322 #3; Appendix C, p 206-207 #4; p 22, 33, 89, 221-224, 228, 333-335	海外モニタリングであり、日本における評価に利用できない。
198	Garcia-Chao, Maria; Agruna, Maria Jesus; Calvete, Gonzalo Flores; Sakkas, Vasilis; Llompart, Maria; Dagnac, Thierry	2010	Validation of an off line solid phase extraction liquid chromatography-tandem mass spectrometry method for the determination of systemic insecticide residues in honey and pollen samples collected in apiaries from NW Spain	Analytica Chimica Acta (2010), 672(1-2), 107-113	EFSA	#4; p 33, 89, 332	海外モニタリング又はその分析法の開発であり、日本における評価に利用できない。
199	Bacandritsos, N. [Reprint Author]; Granato, A.; Budge, G.; Papanastasiou, I.; Roinioti, E.; Caldon, M.; Falcaro, C.; Gallina, A.; Mutinelli, F.	2010	Sudden deaths and colony population decline in Greek honey bee colonies.	Journal of Invertebrate Pathology, (NOV 2010) Vol. 105, No. 3, pp. 335-340	EFSA	#3; Appendix C, p 21-22 #4; p 88, 529	⑱(ミツバチ事故)
200	Ade, Catherine M.; Boone, Michelle D.; Puglis, Holly J.	2010	Effects of an Insecticide and Potential Predators on Green Frogs and Northern Cricket Frogs.	Journal of Herpetology, (DEC 2010) Vol. 44, No. 4, pp. 591-600	EPA	#1; Appendix 2-3, p 26-27	⑭ ⑯b
201	Akbar, M. F.; Haq, M. A.; Farzana Parveen; Nikhat Yasmin; Sayeed, S. A.	2010	Determination of synthetic and bio-insecticides residues during aphid (Myzus persicae Sulzer) control on cabbage crop through high performance liquid chromatography.	Pakistan Entomologist (2010), Volume 32, Number 2, pp. 155-162, 43 refs. ISSN: 1017-1827 Published by: Pakistan Entomological Society, Faisalabad	EFSA	#4; p 36, 103, 408	⑤
202	Capowiez, Yvan; Dittbrenner, Nils; Rault, Magali; Triebskorn, Rita; Hedde, Mickael; Mazzia, Christophe	2010	Earthworm cast production as a new behavioural biomarker for toxicity testing	Environmental Pollution (Oxford, United Kingdom) (2010), 158(2), 388-393	EPA	#1; Chapter 2, p 2-46, 2-47 (Figure 2-25)	⑯b
203	Lukancic, Simon; Zibrat, Uros; Mezek, Tadej; Jerebic, Andreja; Simcic, Tatjana; Brancelj, Anton.	2010	Effects of Exposing Two Non-Target Crustacean Species, Asellus aquaticus L., and Gammarus fossarum Koch., to Atrazine and Imidacloprid.	Bull. Environ. Contam. Toxicol., Volume 84, Issue 1, Page 85-90, Publication Year 2010	EPA	#1; Appendix 2-5, p 4-5	⑭
204	Preetha, Gnanadhas; Manoharan, Thiyagarajan; Stanley, Johnson; Kuttalam, Sasthakutty.	2010	Impact of chloronicotinyl insecticide, imidacloprid on egg, egg-larval and larval parasitoids under laboratory conditions.	J. Plant Prot. Res., Volume 50, Issue 4, Page 535-540, Publication Year 2010	EPA	#1; Chapter 2, p 2-48 (Figure 2-26)	⑯b

205	Carvalho, Geraldo Andrade; Godoy, Mauricio Sekiguchi; Parreira, Douglas Silva; Rezende, Denise Tourino	2010	Effect of chemical insecticides used in tomato crops on immature Trichogramma pretiosum (Hymenoptera: Trichogrammatidae)	Revista Colombiana de Entomologia (2010), 36(1), 10-15	EPA	#1; Appendix 2-2	⑯b
206	Faheem, Muhammad; Khan, M. Farhanullah	2010	Toxicity of imidacloprid (nicotinoid) against earthworm, Pheretima posthuma with reference to its effects on protein	Journal of Basic and Applied Sciences (2010), 6(1), 55-62	EPA	#1; Appendix 2-2	⑯b
207	Carvalho, Geraldo Andrade; Godoy, Mauricio Sekiguchi; Parreira, Douglas Silva; Lasmar, Olinto; Souza, Jander Rodrigues; Moscardini, Valeria Fonseca.	2010	Selectivity of growth regulators and neonicotinoids for adults of Trichogramma pretiosum (Hymenoptera: Trichogrammatidae).	Rev. Colomb. Entomol., Volume 36, Issue 2, Page 195-201, Publication Year 2010	EPA	#1; Appendix 2-2	⑯b
208	Laurino, Daniela [Reprint Author]; Manino, Aulo; Patetta, Augusto; Ansaldi, Matteo; Porporato, Marco	2010	ACUTE ORAL TOXICITY OF NEONICOTINOIDS ON DIFFERENT HONEY BEE STRAINS.	Redia, (2010) Vol. 93, pp. 99-102.	EPA EFSA	#1; Chapter 2, p 2-45 (Figure 2-24) #2; Appendix A, p 4 #3; Appendix C, p 180-181 #4; p 90, 537-539	⑭ 被験物質を25%スクロースに加えて数mL～10mL程度を10匹のミツバチに1時間自由摂取させている。スクロース摂取量を正確に測定できる投与方法と考えられず、実際のスクロース摂取量を測定したとの記載もないことから、スクロース摂取量が35μLとされているが、その正確性が不明であり、被験物質摂取量が検証できない。 #2においてinvalidとされている。
209	Wang, Mian; Kang, Mingjiang; Guo, Xingqi; Xu, Baohua.	2010	Identification and characterization of two phospholipid hydroperoxide glutathione peroxidase genes from Apis cerana cerana.	Comp. Biochem. Physiol., Part C: Toxicol. Pharmacol., Volume 152C, Issue 1, Page 75-83, Publication Year 2010	EFSA	#4; p 89, 530	⑯b
210	Dilling, Carla (Correspondence); Lambdin, Paris; Grant, Jerome; Rhea, Rusty	2010	Spatial and temporal distribution of imidacloprid in eastern hemlock in the southern Appalachians..	Journal of economic entomology, (Apr 2010) Vol. 103, No. 2, pp. 368-373. ISSN: 0022-0493	EFSA	#4; p 36, 103, 407	⑱
211	Sharma, D. R.	2010	Bioefficacy of insecticides against peach leaf curl aphid, Brachycaudus helichrysi (Kaltenbach) in Punjab.	Indian Journal of Entomology (2010), Volume 72, Number 3, pp. 217-222, 9 refs. ISSN: 0367-8288 Published by: Entomological Society of India, New Delhi	EFSA	#4; p 90, 536	④
212	Guan, Huanan; Chi, Defu; Yu, Jia; Li, He.	2010	Dynamics of residues from a novel nano-imidacloprid formulation in soybean fields.	Crop Prot., Volume 29, Issue 9, Page 942-946, Publication Year 2010	EFSA	#4; p 36, 103, 406-407	⑱
213	Schenke, D.; Joachimsmeier, I. P.; Pistorius, J.; Heimbach, U.	2010	Transfer of pesticide active ingredients from treated seeds through guttation - preliminary results. Verlagerung von Pflanzenschutzmittelwirkstoffen aus behandeltem Saatgut in Guttationstropfen - Erste Ergebnisse.	Julius-Kuehn-Archiv (2010), Number 428, 131 p., 5 refs. ISSN: 1868-9892 Published by: Julius Kuehn Institut, Bundesforschungsinstitut fuer Kulturpflanzen, Quedlinburg Conference: 57. Deutsche Pflanzenschutztagung, Berlin, Germany, 6-9 September, 2010.	EFSA	#4; p 35, 76, 100, 376-377	⑧

214	Joachimsmeier, I.; Heimbach, U.; Schenke, D.; Pistorius, J.	2010	Residues of different systemic neonicotinoids in guttation droplets of oilseed rape in a field study. Rueckstaende verschiedener Neonicotinoide in Guttationstropfen von Winterraps im Feldversuch.	Julius-Kuehn-Archiv (2010), Number 428, pp. 468-469, 3 refs. ISSN: 1868-9892 Published by: Julius Kuehn Institut, Bundesforschungsinstitut fuer Kulturpflanzen, Quedlinburg Conference: 57. Deutsche Pflanzenschutztagung, Berlin, Germany, 6-9 September, 2010	EFSA	#4; p 35, 76, 100, 378-379	⑧
215	Vinothkumar, B.; Kumaran, N.; Boomathi, N.; Saravanan, P. A.; Kuttalam, S.	2010	Toxicity of spirotetramat 150 OD to honeybees.	Madras Agricultural Journal (2010), Volume 97, Number 1/3, pp. 86-87, 7 refs. ISSN: 0024-9602 Published by: Tamilnadu Agricultural University, Coimbatore	EFSA	#4; p 90, 539	⑭
216	Heimbach, U.; Staehler, M.	2010	Problems encountered during sowing of treated cereal seeds. Staeube bei der Aussaat von behandeltem Getreidesaatgut - ein Problem?	Julius-Kuehn-Archiv (2010), Number 428, pp. 76-77 ISSN: 1868-9892 Published by: Julius Kuehn Institut, Bundesforschungsinstitut fuer Kulturpflanzen, Quedlinburg Conference: 57. Deutsche Pflanzenschutztagung, Berlin, Germany, 6-9 September, 2010.	EFSA	#4; p 33, 76, 90, 336	⑲
217	Cole, Peter G. [Reprint Author]; Cutler, Anna R.; Kobelt, Amanda J.; Horne, Paul A.	2010	Acute and long-term effects of selective insecticides on Micromus tasmaniae Walker (Neuroptera: Hemerobiidae), Coccinella transversalis F. (Coleoptera: Coccinellidae) and Nabis kinbergii Reuter (Hemiptera: Miridae).	Australian Journal of Entomology, (2010) Vol. 49, No. Part 2, pp. 160-165. ISSN: 1326-6756. E-ISSN: 1444-6055.	EPA	#1; Appendix 2-2	⑯b
218	Ashauer, Roman; Caravatti, Ivo; Hintermeister, Anita; Escher, Beate I.	2010	Bioaccumulation kinetics of organic xenobiotic pollutants in the freshwater invertebrate Gammarus pulex modeled with prediction intervals.	Environ. Toxicol. Chem., Volume 29, Issue 7, Page 1625-1636, Publication Year 2010	EPA	#1; Appendix 2-5, p 5	BCFの試験種として妥当性が不明、Gammarusの毒性値は報告されていない。
219	Gradish, Angela E.; Scott-Dupree, Cynthia D.; Shipp, Les; Harris, C. Ron; Ferguson, Gillian.	2010	Effect of reduced risk pesticides for use in greenhouse vegetable production on Bombus impatiens (Hymenoptera: Apidae).	Pest Manage. Sci., Volume 66, Issue 2, Page 142-146, Publication Year 2010	EPA EFSA	#2; p 136-137; Appendix E, p 48 #3; Appendix C, p 118-119 #4; p 89, 532	⑯b
220	Chen, Xue Dong; Culbert, Elizabeth; Hebert, Vince; Stark, John D.	2010	Mixture effects of the nonylphenyl polyethoxylate, R-11 and the insecticide, imidacloprid on population growth rate and other parameters of the crustacean, Ceriodaphnia dubia.	Ecotoxicol. Environ. Saf., Volume 73, Issue 2, Page 132-137, Publication Year 2010	EPA	#1; Appendix 2-2	⑭

221	Mommaerts, Veerle; Reynders, Sofie; Boulet, Jana; Besard, Linde; Sterk, Guido; Smagghe, Guy.	2010	Risk assessment for side-effects of neonicotinoids against bumblebees with and without impairing foraging behavior.	Ecotoxicology, Volume 19, Issue 1, Page 207-215, Publication Year 2010	EPA EFSA	#1; Chapter 2, p 2-45 (Figure 2-24) #2; p 174, 304 #3; Appendix C, p 203-205 #4; p 90, 534-536	⑯b
222	Tobback, Julie; Mommaerts, Veerle; Vandersmissen, Hans Peter; Smagghe, Guy; Huybrechts, Roger.	2010	Age- and task-dependent foraging gene expression in the bumblebee Bombus terrestris.	Arch. Insect Biochem. Physiol., Volume 76, Issue 1, Page 30-42, Publication Year 2010	EFSA	#4; p 88, 528	⑯b
223	Dubey,S.C., and B. Singh	2010	Seed Treatment and Foliar Application of Insecticides and Fungicides for Management of Cercospora Leaf Spots and Yellow Mosaic of Mungbean (Vigna radiata)	International Journal of Pest Management, Volume 56, 2010 - Issue 4, pages 309-314	EPA	#1; Appendix 2-2	④
224	Eiri,D.M.	2011	Sublethal Doses of the Pesticide Imidacloprid Alter Honey Bee (Apis mellifera) Response Threshold and Navigation, Potentially Affecting Colony Health	UNVIERSITY OF CALIFORNIA, SAN DIEGO, A Thesis submitted in partial satisfaction of the requirements for the degree of Master of Science, in Biology	EPA	#1; Appendix 2-2	査読プロセスのある学術ジャーナルに掲載されていない。
225	Wiest, Laure; Bulete, Audrey; Giroud, Barbara; Fratta, Cedric; Amic, Sophie; Lambert, Olivier; Pouliquen, Herve; Arnaudguilhem, Carine	2011	Multi-residue analysis of 80 environmental contaminants in honeys, honeybees and pollens by one extraction procedure followed by liquid and gas chromatography coupled with mass spectrometric detection	Journal of Chromatography A (2011), 1218(34), 5743-5756	EPA	#2; p 326	海外モニタリング又はその分析法の開発であり、日本における評価に利用できない。
226	Tanner, Gina; Czerwenka, Christoph	2011	LC-MS/MS analysis of neonicotinoid insecticides in honey: Methodology and residue findings in Austrian honeys	Journal of Agricultural and Food Chemistry (2011), 59(23), 12271-12277	EFSA	#4; p 100, 373-374	海外モニタリング又はその分析法の開発であり、日本における評価に利用できない。
227	Pareja, Lucia; Colazzo, Marcos; Perez-Parada, Andres; Niell, Silvina; Carrasco-Letelier, Leonidas; Besil, Natalia; Cesio, Maria Veronica; Heinzen, Horacio	2011	Detection of pesticides in active and depopulated beehives in Uruguay	International Journal of Environmental Research and Public Health (2011), 8, 3844-3858	EFSA	#4; p 32, 87, 321-322	海外モニタリングであり、日本における評価に利用できない。
228	Hoseini, S. A.; Pourmirza, A. A.	2011	Short communication. Evaluation of the efficiency of imidacloprid and Encarsia inaron Walker (Hymenoptera: Aphelinidae) integration to control the whitefly, Trialeurodes vaporariorum Westwood (Homoptera: Aleyrodidae), under greenhouse conditions.	Spanish Journal of Agricultural Research, (SEP 2011) Vol. 9, No. 3, pp. 906-911. ISSN: 1695-971X.	EPA	#1; Chapter 2, p 2-48 (Figure 2-26)	⑯b
229	Ghananand Tiwari; Prasad, C. S.; Lok Nath; Tiwari, G.; Nath, L.	2011	Effect of insecticides, bio-pesticides and botanicals on the population of natural enemies in Brinjal ecosystem.	Vegetos (2011), Volume 24, Number 2, pp. 40-44, 15 refs. ISSN: 0970-4078 Published by: Society for Plant Research, Bareilly	EPA	#1; Appendix 2-2	⑯b

230	Ahmad, Munir; Rafiq, Muhammad; Arif, Muhammad Iqbal; Sayyed, Ali H.	2011	Toxicity of some commonly used insecticides against Coccinella undecimpunctata (Coleoptera: Coccinellidae)	Pakistan Journal of Zoology (2011), 43(6), 1161-1165	EPA	#1; Appendix 2-2	⑯b
231	Paine, T. D. [Reprint Author]; Hanlon, C. C.; Byrne, F. J.	2011	Potential risks of systemic imidacloprid to parasitoid natural enemies of a cerambycid attacking Eucalyptus.	Biological Control, (FEB 2011) Vol. 56, No. 2, pp. 175-178. ISSN: 1049-9644. E-ISSN: 1090-2112.	EFSA	#4; p 32, 87, 325	⑯b
232	Kasiotis, K. M.; Charistos, L.; Emmanouil, N.; Hatjina, F.	2011	Imidacloprid residues on honeybee, honey and pollen from colonies placed on cotton fields.	Mellifera (2011), Volume 11, Number 21/22, pp. 31-32 ISSN: 1302-5821 Published by: Hacettepe University, Harum Conference: Prevention of honeybee colony losses. 7th COLOSS Conference, Belgrade, Serbia, 26-28 August 2011.	EFSA	#4; p 33, 88, 330-331	⑧
233	Churchel, Melissa A.; Hanula, James L.; Berisford, C. Wayne; Vose, James M.; Dalusky, Mark J.	2011	Impact of Imidacloprid for Control of Hemlock Woolly Adelgid on Nearby Aquatic Macroinvertebrate Assemblages.	Southern Journal of Applied Forestry, (FEB 2011) Vol. 35, No. 1, pp. 26-32.	EFSA	#4; p 36, 77, 103, 401	④
234	Jeyalakshmi, T.; Shanmugasundaram, R.; Saravanan, M.; Geetha, S.; Mohan, Sweatha S.; Goparaju, A.; Murthy, P. Balakrishna.	2011	Comparative toxicity of certain insecticides against Apis cerana indica under semi field and laboratory conditions.	Pestology, Volume 35, Issue 12, Page 23-26, Publication Year 2011	EFSA	#3; Appendix C, p 155-157 #4; p 106, 639-643	⑯b
235	Tu, Cong; Wang, Yi; Duan, Wenxia; Hertl, Peter; Tradway, Lane; Brandenburg, Rick; Lee, David; Snell, Mark; Hu, Shuijin	2011	Effects of fungicides and insecticides on feeding behavior and community dynamics of earthworms: Implications for casting control in turfgrass systems.	Applied Soil Ecology, (JAN 2011) Vol. 47, No. 1, pp. 31-36. ISSN: 0929-1393. E-ISSN: 1873-0272.	EPA	#1; Chapter 2, p 2-48 (Figure 2-26)	⑯b
236	Van Timmeren, Steven; Wise, John C.; Vander Voort, Christine; Isaacs, Rufus	2011	Comparison of foliar and soil formulations of neonicotinoid insecticides for control of potato leafhopper, Empoasca fabae (Homoptera: Cicadellidae), in wine grapes	Pest Management Science (2011), 67(5), 560-567	EPA	#1; Chapter 2, p 2-48 (Figure 2-26)	④
237	Arakawa, Toru; Namba, Osamu; Tateishi, Ken	2011	Effects of coadministration of chemical insecticides with nucleopolyhedrovirus SpltNPV on the dietary intake of the common cutworm Spodoptera litura (Lepidoptera: Noctuidae)	Applied Entomology and Zoology (2011), 46(3), 399-405	EPA	#1; Chapter 2, p 2-40 (Figure 2-20)	④
238	Leblanc, Heidi Mk	2011	Single and combined effects of the agricultural insecticides chlorpyrifos, imidacloprid and dimethoate on freshwater insect larvae.	Masters Abstracts International. Vol. 51, no. 03, 99 p. 2011. ISBN: 9780494890899	EPA	#1; Appendix 2-5, p 3	⑧
239	Georgieva,N., I. Nikolova, T. Zhelyazkova, D. Pavlov, and Y. Naydenova	2011	Energy Efficiency of Spring Vetch (Vicia sativa L.) Cultivated for Fresh Biomass	Bulgarian Journal of Agricultural Science, 17 (No 5) 2011, 712-720	EPA	#1; Appendix 2-2	④
240	Sun, Jianning; Jia, Huixian; Zhang, Liang; Xiong, Xiangui.	2011	Degradation dynamic and bioavailability of termite control chemicals.	Zhonghua Weisheng Shachong Yaoxie, Volume 17, Issue 3, Page 177-180, Publication Year 2011	EFSA	#4; p 36, 103, 401	⑲

241	Song, Huailei; Zhou, Ting; Wang, Qiang; Dai, Pingli; Luo, Qihua; Xu, Shufa; Wu, Yanyan.	2011	Effects of sublethal doses of insecticides on olfactory sensitivity of honeybee (Apis mellifera ligustica).	Yingyong Kunchong Xuebao, Volume 48, Issue 3, Page 611-615, Publication Year 2011	EFSA	#4; p 87, 524-525	⑲
242	Leblanc, Heidi M. K.; Culp, Joseph M.; Baird, Donald J.; Alexander, Alexa C.; Cessna, Allan J.	2012	Single Versus Combined Lethal Effects of Three Agricultural Insecticides on Larvae of the Freshwater Insect Chironomus dilutus.	Arch. Environ. Contam. Toxicol., Volume 63, Issue 3, Page 378-390, Publication Year 2012	EPA	#1; Appendix 2-5, p 3	ユスリカ幼虫での試験であるが、96h LC50であること、10日齢幼虫を用いていること、日本で登録されている処方以外の製剤を用いていることから、リスク評価には用いられない
243	Hayasaka, Daisuke; Korenaga, Tomoko; Sanchez-Bayo, Francisco; Goka, Koichi.	2012	Differences in ecological impacts of systemic insecticides with different physicochemical properties on biocenosis of experimental paddy fields.	Ecotoxicology, Volume 21, Issue 1, Page 191-201, Publication Year 2012	EFSA	#4; p 36, 102, 399-400	⑱
244	Byrne, Frank J.; Urena, Anthony A.; Robinson, Lindsay J.; Krieger, Robert I.; Doccola, Joe; Morse, Joseph G.	2012	Evaluation of neonicotinoid, organophosphate and avermectin trunk injections for the management of avocado thrips in California avocado groves	Pest Management Science (2012), 68(5), 811-817	EFSA	#4; p 38, 108, 438-439	⑰
245	Tomasini, Debora; Sampaio, Maicon R. F.; Caldas, Sergiane S.; Buffon, Jaqueline G.; Duarte, Fabio A.; Primel, Ednei G.	2012	Simultaneous determination of pesticides and 5-hydroxymethylfurfural in honey by the modified QuEChERS method and liquid chromatography coupled to tandem mass spectrometry	Talanta (2012), 99, 380-386	EFSA	#4; p 32, 84, 277	海外モニタリング又はその分析法の開発であり、日本における評価に利用できない。
246	Krupke, Christian H.; Hunt, Greg J.; Eitzer, Brian D.; Andino, Gladys; Given, Krispn.	2012	Multiple routes of pesticide exposure for honey bees living near agricultural fields.	PLoS One, Volume 7, Issue 1, Page e29268, Publication Year 2012	EPA EFSA	#2; p 320 #4; p 32, 86, 295-314	⑱(ミツバチ事故)
247	Laycock, Ian; Lenthall, Kate M.; Barratt, Andrew T.; Cresswell, James E.	2012	Effects of imidacloprid, a neonicotinoid pesticide, on reproduction in worker bumble bees (Bombus terrestris).	Ecotoxicology, Volume 21, Issue 7, Page 1937-1945, Publication Year 2012	EPA EFSA	#2; p 175, 304 #3; Appendix C, p 186 #4; p 84, 503	⑯b
248	Tome, Hudson Vaner V. [Reprint Author]; Martins, Gustavo F.; Lima, Maria Augusta P.; Campos, Lucio Antonio O.; Guedes, Raul Narciso C.	2012	Imidacloprid -Induced Impairment of Mushroom Bodies and Behavior of the Native Stingless Bee Melipona quadrifasciata anthidioides.	PLoS One, (JUN 4 2012) Vol. 7, No. 6, pp. Article No.: e38406. ISSN: 1932-6203. E-ISSN: 1932-6203.	EPA EFSA	#1; Chapter 2, p 2-45 (Figure 2-24) #2; p 324 #3; Appendix C, p 334-335 #4; p 85, 506-507	⑯b
249	Varenhorst A J; Oneal M E	2012	The response of natural enemies to selective insecticides applied to soybean.	Environmental entomology, (2012 Dec) Vol. 41, No. 6, pp. 1565-74.	EPA	#1; Appendix 2-2	⑯b
250	Halappa, B.; Awaknavar, J. S.; Archana, D.	2012	Toxicity of different insecticides to Trichogramma chilonis Ishii (Trichogrammitidae: Hymenoptera) under laboratory condition.	Research on Crops (2012), Volume 13, Number 2, pp. 652-655, 16 refs. ISSN: 0972-3226 Published by: Gaurav Society of Agricultural Research Information Centre, Hisar	EPA	#1; Appendix 2-2	⑯b

251	Khani, A.; Ahmadi, F.; Ghadamyari, M.	2012	Side effects of imidacloprid and abamectin on the mealybug destroyer, Cryptolaemus montrouzieri.	Trakia Journal of Sciences (2012), Volume 10, Number 3, pp. 30-35, 23 refs. ISSN: 1313-7050 Published by: Trakia University, Stara Zagora	EPA	#1; Appendix 2-2	⑯b
252	Johnson, Josephine.	2012	The role of pesticides on honey bee health and hive maintenance with an emphasis on the neonicotinoid, imidacloprid.	Dissertation submitted to the Faculty of the Graduate School of the University of Maryland, Baltimore in partial fulfillment Of the requirements for the degree of Doctor of Philosophy, 2012	EPA	#1; Appendix 2-2	学位論文であり、査読付き雑誌への投稿論文ではない。
253	Cerna, Ernesto; Ail, Carlos; Landeros, Jeronimo; Sanchez, Sergio; Badii, Mohammad; Aguirre, Luis; Ochoa, Yisa [Reprint Author]	2012	COMPARISON OF TOXICITY AND SELECTIVITY OF THE PEST Bactericera cockerelli AND ITS PREDATOR Chrysoperla carnea.	Agrociencia, (NOV-DEC 2012) Vol. 46, No. 8, pp. 783-793. ISSN: 1405-3195.	EPA	#1; Appendix 2-2	⑯b
254	Pochi, D.; Biocca, M.; Fanigliulo, R.; Gallo, P.; Pulcini, P.	2012	Development and testing of innovative devices to reduce the drift of abrasion powder during the sowing of dressed seeds with pneumatic drills.	Power and Machinery. International Conference of Agricultural Engineering - CIGR-AgEng 2012: agriculture and engineering for a healthier life, Valencia, Spain, 8-12 July 2012 (2012), pp. P-0855, 8 refs. Published by: CIGR-EurAgEng, Valencia Conference: Power and Machinery. International Conference of Agricultural Engineering - CIGR-AgEng 2012: agriculture and engineering for a healthier life, Valencia, Spain, 8-12 July 2012.	EFSA	#3; Appendix C, p 236 #4; p 32, 86, 314-317	⑧
255	Fontana, P.; Malagnini, V.; Sartori, O.; Tolotti, G.; Angeli, G.; Ioriatti, C. Editor(S): Cristofaro, A. De; Palma, A. Di; Escudero-Colomar, L. A.; Ioriatti, C.; Molinari, F.	2012	Short and long term side-effects on honeybees of imidacloprid in apple orchards.	IOBC/WPRS Bulletin (2012), Volume 74, 62 p. Published by: International Organization for Biological and Integrated Control of Noxious Animals and Plants (OIBC/OILB), West Palaearctic Regional Section (WPRS/SROP), Dijon Conference: Proceedings of the IOBC/	EFSA	#4; p 86, 519	⑧
256	Johnson, Josephine; Pettis, Jeffery.	2012	Survey of imidacloprid levels in water sources frequented by honey bees (Apis mellifera) in Maryland.	Abstracts of Papers, 244th ACS National Meeting and Exposition, Philadelphia, PA, United States, August 19-23, 2012, Page AGRO-281, Publication Year 2012	EFSA	#4; p 32, 84, 277	⑧
257	Osterberg, Joshua S.; Darnell, Kelly M.; Blickley, T. Michelle; Romano, Jocelyn A.; Rittschof, Dan.	2012	Acute toxicity and sub-lethal effects of common pesticides in post-larval and juvenile blue crabs, Callinectes sapidus.	J. Exp. Mar. Biol. Ecol., Volume 424-425, Page 5-14, Publication Year 2012	EPA	#1; Appendix 2-3, p 16-17	⑯b
258	Wang, Yanhua; Cang, Tao; Zhao, Xueping; Yu, Ruixian; Chen, Liping; Wu, Changxing; Wang, Qiang	2012	Comparative acute toxicity of twenty-four insecticides to earthworm, Eisenia fetida	Ecotoxicology and Environmental Safety (2012), 79, 122-128	EPA	#1; Chapter 2, p 2-48 (Figure 2-26)	⑯b
259	Sun, Xinyou; Van Der Valk, Harold; Jiang, Hui; Wang, Xiaojun; Yuan, Shankui; Zhang, Yan; Roessink, Ivo; Gao, Xiwu.	2012	Development of a standard acute dietary toxicity test for the silkworm (Bombyx mori L.).	Crop Prot., Volume 42, Page 260-267, Publication Year 2012	EPA	#1; Appendix 2-6, p 3, 5	⑯b

260	Mandal, S. K.	2012	Bio-efficacy of cyazypyr 10 percent OD, a new anthranilic diamide insecticide, against the insect pests of tomato and its impact on natural enemies and crop health.	Acta Phytopathol. Entomol. Hung., Volume 47, Issue 2, Page 233-249, Publication Year 2012	EPA	#1; Appendix 2-2	⑯b
261	Cang Tao; Wang Yanhua; Yu Ruixian; Wu Changxing; Chen Liping; Wu Shenggan; Zhao Xueping; Cang, T.; Wang, Y. H.; Yu, R. X.; Wu, C. X.; Chen, L. P.; Wu, S. G.; Zhao, X. P.	2012	The acute toxicity and risk assessment of 25 pesticides used in nectar plant to Apis mellifera L.	Acta Agriculturae Zhejiangensis (2012), Volume 24, Number 5, pp. 853-859, 19 refs. ISSN: 1004-1524 Published by: Zhejiang Academy of Agricultural Sciences, Hangzhou	EFSA	#3; Appendix C, p 47-48 #4; p 86, 518	⑲
262	Whitehorn, Penelope R.; Oconnor, Stephanie; Wackers, Felix L.; Goulson, Dave	2012	Neonicotinoid Pesticide Reduces Bumble Bee Colony Growth and Queen Production	Science (Washington, DC, United States) (2012), 336(6079), 351-352	EPA EFSA	#2; p 179, 304 #4; p 22, 85, 220, 512	⑯b
263	Nanthakumar,M., V.J. Lakshmi, V.S. Bhushan, S.M. Balachandran, and M. Mohan	2012	Decrease of Rice Plant Resistance and Induction of Hormesis and Carboxylesterase Titre in Brown Planthopper, Nilaparvata lugens (Stal) by Xenobiotics	Pesticide Biochemistry and Physiology, Volume 102, Issue 2, February 2012, Pages 146-152	EPA	#1; Appendix 2-2	④
264	Ilieva,A., and V. Vasileva	2012	Effect of Presowing Treatment of Seeds with Insecticides on Parameters Related to Nodulation and Nitrate Reduction in Soybean [Glycine max (L.) Merr.]	Journal of Central European Agriculture, 2014, 15(2), p23-32	EPA	#1; Appendix 2-2	④
265	Kammon,A.M., R.S. Brar, H.S. Banga, and S. Sodhi	2012	Ameliorating Effects of Vitamin E and Selenium on Immunological Alterations Induced by Imidacloprid and Chronic Toxicity in Chickens	J Environ Anal Toxicol 2012, S:4	EPA	#1; Appendix 2-2	⑱
266	Doccola, Joseph J. [Reprint Author]; Hascher, William; Aiken, John Joseph; Wild, Peter M.	2012	Treatment Strategies Using Imidacloprid in Hemlock Woolly Adelgid (Adelges tsugae Annand) Infested Eastern Hemlock (Tsuga canadensis Carriere) Trees.	Arboriculture and Urban Forestry, (MAR 2012) Vol. 38, No. 2, pp. 41-49. ISSN: 1935-5297.	EPA	#1; Appendix 2-2	④
267	Matsumura, F. (Reprint) Matsumura, F. (Reprint) Ahmed, M. A. I.	2012	Synergistic Actions of Formamidine Insecticides on the Activity of Pyrethroids and Neonicotinoids Against Aedes aegypti (Diptera: Culicidae)	JOURNAL OF MEDICAL ENTOMOLOGY, (NOV 2012) Vol. 49, No. 6, pp. 1405-1410. ISSN: 0022-2585.	EPA	#1; Appendix 2-5, p 4	⑯b
268	Hussain, Dilbar; Ali, Amjad; Mushtaq-Ul-Hassan, Muhammad; Ali, Saira; Saleem, Muhammad; Nadeem, Sajid	2012	Evaluation of toxicity of some new insecticides against egg parasitoid Trichogramma chilonis (Ishii) (Hymenoptera: Trichogrammitidae)	Pakistan Journal of Zoology (2012), 44(4), 1123-1127	EPA	#1; Appendix 2-2	⑯b
269	Yilmaz, Canan; Durmusoglu, Enver	2012	Changes on biological effect and degration duration of some insecticides mixed with humic matter used against Trialeurodes vaporariorum (Westw.) (Hemiptera: Aleyrodidae)] on tomato. Original Title: Domateste zararli Trialeurodes vaporariorum (Westw.) (Hem	Turkiye Entomoloji Dergisi, (2012) Vol. 36, No. 4, pp. 557-570. ISSN: 1010-6960.	EFSA	#4; p 36, 77, 102, 398	⑲

270	Martini, L. F. D.; Avila, L. A.; Cassol, G. V.; Zanella, R.; Machado, S. L. O.; Marques, M. S.; Vicari, M. De; De Vicari, M.	2012	Pesticide transport in rice field under three irrigation managements. Transporte de agrotoxicos em lavoura de arroz irrigado sob tres manejos de irrigacao.	Planta Daninha (2012), Volume 30, Number 4, pp. 799-808, 27 refs. ISSN: 0100-8358 DOI: 10.1590/S0100-83582012000400014 Published by: Sociedade Brasileira da Ciencia das Plantas Daninhas, Vicosa	EFSA	#4; p 35, 102, 391	⑲
271	Roessink, Ivo; Merga, Lemessa B.; Zweers, Hans J.; Van Den Brink, Paul J.	2013	The neonicotinoid imidacloprid shows high chronic toxicity to mayfly nymphs.	Environ. Toxicol. Chem., Volume 32, Issue 5, Page 1096-1100, Publication Year 2013	EPA	#1; Appendix 2-5, p 3-4	⑭ Gammarus pulexを用いており推奨種と異なる。
272	Bryden, J.; Gill, R. J.; Mitton, R. A. A.; Raine, N. E.; Jansen, V. A. A.	2013	Chronic sublethal stress causes bee colony failure.	Ecology Letters (2013), Volume 16, Number 12, pp. 1463-1469, 50 refs. ISSN: 1461-023X Published by: Wiley-Blackwell, Oxford	EPA EFSA	#2; p 177, 304 #3; Appendix C, p 45-46 #4; p 80, 470	⑯b
273	Barganska, Zaneta; Slebioda, Marek; Namiesnik, Jacek	2013	Pesticide residues levels in honey from apiaries located of Northern Poland	Food Control (2013), 31(1), 196-201	EFSA	#3; Appendix C, p 27 #4; p 35, 100, 373	海外モニタリングであり、日本における評価に利用できない。
274	Yanez, Karen P.; Bernal, Jose L.; Nozal, Maria J.; Martin, Maria T.; Bernal, Jose	2013	Determination of seven neonicotinoid insecticides in beeswax by liquid chromatography coupled to electrospray-mass spectrometry using a fused-core column	Journal of Chromatography A (2013), 1285, 110-117	EFSA	#4; p 31, 83, 274	海外モニタリング又はその分析法の開発であり、日本における評価に利用できない。
275	Stoner, Kimberly A.; Eitzer, Brian D.	2013	Using a Hazard Quotient to evaluate pesticide residues detected in pollen trapped from honey bees (Apis mellifera) in Connecticut	PLoS One (2013), 8(10), e77550	EPA EFSA	#2; p 126, 306 #3; Appendix C, p 318-319 #4; p 31, 81, 272	海外モニタリングであり、日本における評価に利用できない。
276	Yanez, Karen P.; Bernal, Jose L.; Nozal, Maria J.; Martin, Maria T.; Bernal, Jose	2013	Fast determination of imidacloprid in beeswax by liquid chromatography coupled to electrospray-mass spectrometry	Current Analytical Chemistry (2013), 9(3), 495-503	EFSA	#4; p 31, 82, 273	海外モニタリング又はその分析法の開発であり、日本における評価に利用できない。
277	Chen, Mei; Collins, Erin M.; Tao, Lin; Lu, Chensheng	2013	Simultaneous determination of residues in pollen and high-fructose corn syrup from eight neonicotinoid insecticides by liquid chromatography-tandem mass spectrometry	Analytical and Bioanalytical Chemistry (2013), 405(28), 9251-9264	EFSA	#4; p 31, 81, 253	海外モニタリング又はその分析法の開発であり、日本における評価に利用できない。
278	Jovanov, Pavle; Guzsvany, Valeria; Franko, Mladen; Lazic, Sanja; Sakac, Marijana; Saric, Bojana; Banjac, Vojislav	2013	Multi-residue method for determination of selected neonicotinoid insecticides in honey using optimized dispersive liquid-liquid microextraction combined with liquid chromatography-tandem mass spectrometry	Talanta (2013), 111, 125-133	EFSA	#4; p 35, 100, 372	海外モニタリング又はその分析法の開発であり、日本における評価に利用できない。
279	Tapparo, Andrea; Giorio, Chiara; Solda, Lidia; Bogialli, Sara; Marton, Daniele; Marzaro, Matteo; Girolami, Vincenzo	2013	UHPLC-DAD method for the determination of neonicotinoid insecticides in single bees and its relevance in honeybee colony loss investigations	Analytical and Bioanalytical Chemistry (2013), 405(2-3), 1007-1014	EFSA	#3; Appendix C, p 325 #4; p 32, 83, 276-277	海外モニタリング又はその分析法の開発であり、日本における評価に利用できない。

280	Campillo, Natalia; Vinas, Pilar; Ferez-Melgarejo, Gema; Hernandez-Cordoba, Manuel	2013	Liquid chromatography with diode array detection and tandem mass spectrometry for the determination of neonicotinoid insecticides in honey samples using dispersive liquid-liquid microextraction	Journal of Agricultural and Food Chemistry (2013), 61(20), 4799-4805	EFSA	#4; p 100, 373	海外モニタリングであり、日本における評価に利用できない。
281	Alves, Paulo Roger L.; Cardoso, Elke J. B. N.; Martines, Alexandre M.; Sousa, Jose Paulo; Pasini, Amarildo.	2013	Earthworm ecotoxicological assessments of pesticides used to treat seeds under tropical conditions.	Chemosphere, Volume 90, Issue 11, Page 2674-2682, Publication Year 2013	EPA	#1; Chapter 2, p 2-47 (Figure 2-25)	⑯b
282	Boily, Monique; Sarrasin, Benoit; Deblois, Christian; Aras, Philippe; Chagnon, Madeleine	2013	Acetylcholinesterase in honey bees (Apis mellifera) exposed to neonicotinoids, atrazine and glyphosate: laboratory and field experiments	Environmental Science and Pollution Research (2013), 20(8), 5603-5614	EPA EFSA	#2; p 145 #4; p 82, 481-482	⑭
283	Ramasubramanian, Thirumalaiandi	2013	Persistence and Dissipation Kinetics of Clothianidin in the Soil of Tropical Sugarcane Ecosystem	Water, Air, and Soil Pollution (2013), 224(3), 1-5	EFSA	#3; Appendix C, p 247 #4; p 38, 107, 437	①
284	Giroud, Barbara; Vauchez, Antoine; Vulliet, Emmanuelle; Wiest, Laure; Bulete, Audrey	2013	Trace level determination of pyrethroid and neonicotinoid insecticides in beebread using acetonitrile-based extraction followed by analysis with ultra-high-performance liquid chromatography-tandem mass spectrometry	Journal of Chromatography A (2013), 1316, 53-61	EFSA	#4; p 31, 81, 252-253	⑤ ⑰
285	Wilson, Daniel E.; Velarde, Rodrigo A.; Fahrbach, Susan E.; Mommaerts, Veerle; Smagghe, Guy.	2013	USE OF PRIMARY CULTURES OF KENYON CELLS FROM BUMBLEBEE BRAINS TO ASSESS PESTICIDE SIDE EFFECTS.	Arch. Insect Biochem. Physiol., Volume 84, Issue 1, Page 43-56, Publication Year 2013	EPA EFSA	#1; Appendix 2-2 #4; p 81, 480	⑯b
286	Gradila, M.	2013	Chronic aspects of imidacloprid on the fishes from Cyprinidae family.	Romanian Journal for Plant Protection (2013), Volume 6, pp. 11-15, 7 refs. Published by: Research Development Institute for Plant Protection, Bucharest	EPA	#1; Chapter 2, p 2-13 (Figure 2-1); Appendix 2-3, p 5	⑭ #1では「Study did not provide sufficient information on materials and methods to validate and confirm the process used. Imidacloprid source was not identified.」のためinvalidとしている。
287	Biddinger, David J.; Robertson, Jacqueline L.; Mullin, Chris; Frazier, James; Ashcraft, Sara A.; Rajotte, Edwin G.; Joshi, Neelendra K.; Vaughn, Mace.	2013	Comparative toxicities and synergism of apple orchard pesticides to Apis mellifera (L.) and Osmia cornifrons (Radoszkowski).	PLoS One, Volume 8, Issue 9, Page e72587, Publication Year 2013	EPA EFSA	#1; Appendix 2-6, p 3-4 #2; p 134, 136 #3; Appendix C, p 32-33 #4; p 81, 478	⑭
288	SA Argolo, Poliane; Banyuls, Nuria; Santiago, Sandra; Molla, Oscar; Jacas, Josep A.; Urbaneja, Alberto	2013	Compatibility of Phytoseiulus persimilis and Neoseiulus californicus (Acari: Phytoseiidae) with imidacloprid to manage clementine nursery pests	Crop Protection (2013), 43, 175-182	EPA	#1; Appendix 2-2	⑯b
289	Nadaf, H. A.; Yadav, G. S.; Kaushik, H. D.; Sharma, S. K.	2013	Toxicity of new molecules of insecticides against honeybee, Apis mellifera L.	Trends in Biosciences (2013) , Volume 6, Number 4, pp. 445-447 ISSN: 0974-8431 Published by: Society for Advancement of Science and Rural Development, Kalyanpur	EFSA	#3; Appendix C, p 207-208	⑭

290	Laycock, Ian; Cresswell, James E.	2013	Repression and recuperation of brood production in Bombus terrestris bumble bees exposed to a pulse of the neonicotinoid pesticide imidacloprid	PLoS One (2013), 8(11), e79872	EPA EFSA	#1; Appendix 2-2 #4; p 81, 473-476	⑯b
291	Laurino, Daniela (Reprint); Manino, Aulo; Patetta, Augusto; Porporato, Marco	2013	Toxicity of neonicotinoid insecticides on different honey bee genotypes	BULLETIN OF INSECTOLOGY, (JUN 2013) Vol. 66, No. 1, pp. 119-126. ISSN: 1721-8861.	EPA EFSA	#1; Chapter 2, p 2-45 (Figure 2-24) #2; p 141 #4; p 82, 487-489	⑭
292	Frew, John A.	2013	Environmental and Systemic Exposure Assessment for Green Sturgeon Following Application of Imidacloprid for the Control of Burrowing Shrimp in Willapa Bay, Washington	(2013) 96 pp. Avail.: UMI, Order No. AAI3608928 From: Diss. Abstr. Int., B 2014, 75(5E), No pp. given	EPA	#1; Chapter 2, p 2-13 (Figure 2-1); Appendix 2-3, p 10-11	⑧ ⑭
293	Charles-Tollerup, Jennifer Jean	2013	Resource Provisioning as a Habitat Manipulation Tactic to Enhance the Aphid Parasitoid, Aphidius colemani Viereck (Hymenoptera: Braconidae: Aphidiinae), and the Plant-Mediated Effects of a Systemic Insecticide, Imidacloprid	(2013) 150 pp. Avail.: UMI, Order No. AAI3559920 From: Diss. Abstr. Int., B 2014, 74(8E), No pp. given	EPA	#1; Chapter 2, p 2-40 (Figure 2-20)	⑯b
294	Ramanuj Vishwakarma; Ghatak, S. S.; Vishwakarma, R.	2013	Relative toxicity of plant products and entomopathogenic fungi against honeybee.	Annals of Plant Protection Sciences (2013), Volume 21, Number 2, pp. 453-455, 4 refs. ISSN: 0971-3573 Published by: Society of Plant Protection Sciences, New Delhi	EFSA	#4; p 83, 494-495	⑭
295	Georgieva,N., I. Nikolova, and G. Delchev	2013	Stability Evaluation of Mixtures among Preparations with Different Biological Effect on Basis of Grain Yield in Spring Forage Pea	Banat s Journal of Biotechnology IV(7):101-107	EPA	#1; Appendix 2-2	④
296	Lorenzana, A. (Reprint) Lorenzana, A. (Reprint); Seco, M. V.; Casquero, P. A. Hermoso-De-Mendoza, A.	2013	Population dynamics and integrated control of the damson-hop aphid Phorodon humuli (Schrank) on hops in Spain	SPANISH JOURNAL OF AGRICULTURAL RESEARCH, (JUN 2013) Vol. 11, No. 2, pp. 505-517. ISSN: 1695-971X.	EPA	#1; Appendix 2-2	④
297	Al-Ahmadi, Mona S.	2013	Cytogenetic effects of two synthetic pesticides on mitotic chromosome on root tip cells of Allium cepa	Cytologia (2013), 78(1), 3-8	EPA	#1; Appendix 2-2	⑯b
298	Aziz, M. A.; Munir Ahmad; Nasir, M. F.; Muhammad Naeem	2013	Efficacy of different neem (Azadirachta indica) products in comparison with imidacloprid against English grain aphid (Sitobion avenae) on wheat.	International Journal of Agriculture and Biology (2013), Volume 15, Number 2, pp. 279-284, 38 refs. ISSN: 1560-8530 Published by: Friends Science	EPA	#1; Appendix 2-2	④

299	Feltham, Hannah; Park, Kirsty; Goulson, Dave	2014	Field realistic doses of pesticide imidacloprid reduce bumblebee pollen foraging efficiency	Ecotoxicology (2014) Ahead of Print	EPA EFSA	#1; Appendix 2-2 #2; p 180, 304 #3; Appendix C, p 98-99 #4; p 79, 460	⑯b
300	Kasiotis, Konstantinos M.; Anagnostopoulos, Chris; Anastasiadou, Pelagia; Machera, Kyriaki	2014	Pesticide residues in honeybees, honey and bee pollen by LC-MS/MS screening: Reported death incidents in honeybees	Science of the Total Environment (2014), 485-486, 633-642	EPA EFSA	#2; p 320 #3; Appendix C, p 161 #4; p 31, 79, 242-245	海外モニタリングであり、日本における評価に利用できない。
301	Jovanov, Pavle; Guzsvany, Valeria; Franko, Mladen; Lazic, Sanja; Sakac, Marijana; Milovanovic, Ivan; Nedeljkovic, Natasa	2014	Development of multiresidue DLLME and QuEChERS based LC-MS/MS method for determination of selected neonicotinoid insecticides in honey liqueur	Food Research International (2014), 55, 11-19	EFSA	#4; p 35, 100, 372	海外モニタリング又はその分析法の開発であり、日本における評価に利用できない。
302	Paradis, Delphine; Berail, Geraldine; Bonmatin, Jean-Marc; Belzunces, Luc P.	2014	Sensitive analytical methods for 22 relevant insecticides of 3 chemical families in honey by GC-MS/MS and LC-MS/MS	Analytical and Bioanalytical Chemistry (2014), 406(2), 621-633	EFSA	#4; p 31, 80, 252	海外モニタリング又はその分析法の開発であり、日本における評価に利用できない。
303	Cardone, Anna	2014	Imidacloprid induces morphological and molecular damages on testis of lizard (Podarcis sicula)	Ecotoxicology (2014) Ahead of Print	EPA	#1; Appendix 2-3, p 45	⑯b
304	Scholer, Jamison; Krischik, Vera	2014	Chronic exposure of imidacloprid and clothianidin reduce queen survival, foraging, and nectar storing in colonies of Bombus impatiens	PLoS One (2014), 9(3), e91573/1-e91573/14, 14 pp.	EFSA	#3; Appendix C, p 288 #4; p 31, 79, 247-248, 464-466	⑯b
305	Qadir, Shazia; Latif, Abdul; Ali, Muhammad; Iqbal, Furhan	2014	Effects of imidacloprid on the hematological and serum biochemical profile of Labeo rohita	Pakistan Journal of Zoology (2014), 46(4), 1085-1090	EPA	#1; Chapter 2, p 2-13 (Figure 2-1)	適切に評価できる試験系で実施されていない。
306	Ruiz De Arcaute, C.; Perez-Iglesias, J. M.; Nikoloff, N.; Natale, G. S.; Soloneski, S.; Larramendy, M. L.	2014	Genotoxicity evaluation of the insecticide imidacloprid on circulating blood cells of Montevideo tree frog Hypsiboas pulchellus tadpoles (Anura, Hylidae) by comet and micronucleus bioassays	Ecological Indicators (2014) Ahead of Print	EPA	#1; Chapter 2, p 2-15 (Figure 2-3)	⑯b
307	Gill, R. J.; Raine, N. E.	2014	Chronic impairment of bumblebee natural foraging behaviour induced by sublethal pesticide exposure .	Functional Ecology (2014) , Volume 28, Number 6, pp. 1459-1471 ISSN: 0269-8463 Published by: Wiley-Blackwell, Oxford	EPA EFSA	#2; p 171, 178, 184, 185, 304 #3; Appendix C, p 109	⑯b
308	Tome, Hudson Vaner V.; Barbosa, Wagner F.; Martins, Gustavo F.; Guedes, Raul Narciso C.	2014	Spinosad in the native stingless bee Melipona quadrifasciata: Regrettable non - target toxicity of a bioinsecticide	Chemosphere (2014) Ahead of Print	EPA EFSA	#2; p 137 #3; Appendix C, p 334	⑭

309	不明	2014	Pesticide risk assessment in free-ranging bees is weather and landscape dependent	EFSA Journal (2014) , Volume 12, Number 7, 3741 p., 10 refs. ISSN: 1831-4732 Published by: European Food Safety Authority, Parma	EFSA	#3; Appendix C, p 138	⑧
310	Ko, Ah-Young; Rahman, Md. Musfiqur; Abd El-Aty, A. M.; Jang, Jin; Park, Jong-Hyouk; Cho, Soon-Kil; Shim, Jae-Han	2014	Development of a simple extraction and oxidation procedure for the residue analysis of imidacloprid and its metabolites in lettuce using gas chromatography	Food Chemistry (2014), 148, 402-409	EFSA	#4; p 31, 76, 79, 245	⑤
311	Huseth, Anders S.; Lindholm, Joliene; Groves, Carol L.; Groves, Russell L.	2014	Variable concentration of soil-applied insecticides in potato over time: implications for management of Leptinotarsa decemlineata	Pest Management Science (2014) Ahead of Print	EFSA	#4; p 38, 107, 433-436	④
312	Yanez, K. P.; Martin, M. T.; Bernal, J. L.; Nozal, M. J.; Bernal, J.	2014	Trace analysis of seven neonicotinoid insecticides in bee pollen by solid-liquid extraction and liquid chromatography coupled to electrospray ionization mass spectrometry.	Food Analytical Methods (2014), Volume 7, Number 2, pp. 490-499, 35 refs. ISSN: 1936-9751 DOI: 10.1007/s12161-013-9710-9 Published by: Springer, New York	EFSA	#4; p 31, 80, 252	⑤ ⑰
313	Polk, T. J. [Reprint Author]; Bowers, C.; Cakmak I; Hranitz, J. M.	2014	The effect of imidacloprid on sucrose sensitivity of the honey bee proboscis extension reflex.	Integrative and Comparative Biology, (2014) Vol. 54, No. Suppl. 1, pp. E332. Meeting Info.: Annual Meeting of the Society-for-Integrative-and-Comparative-Biology. Austin, TX, USA. January 03 -07, 2014. Soc Integrat and Co	EFSA	#4; p 76, 80, 469	⑧
314	Levinson, B. M. [Reprint Author]; Blatzheim, L.; Bower, C. D.; Polk, T.; Lu, Ikizo D.; Karahn, A.; Gune, N.; Cakmak I; Wells, H.; Hranitz, J. M.	2014	The neonicotinoid pesticide imidacloprid affects motor responses in honey bees .	Integrative and Comparative Biology, (2014) Vol. 54, No. Suppl. 1, pp. E306. Meeting Info.: Annual Meeting of the Society-for-Integrative-and-Comparative-Biology. Austin, TX, USA. January 03 -07, 2014. Soc Integrat and Co	EFSA	#4; p 76, 80, 469	⑧
315	Laycock, Ian; Cotterell, Katie C.; O Shea-Wheller, Thomas A.; Cresswell, James E.	2014	Effects of the neonicotinoid pesticide thiamethoxam at field-realistic levels on microcolonies of Bombus terrestris worker bumble bees	Ecotoxicology and Environmental Safety (2014), 100, 153-158	EFSA	#4; p 80, 467-468	⑯b
316	Yu, Caihong; Lin, Ronghua; Fu, Maoran; Zhou, Yanming; Zong, Fulin; Jiang, Hui; Lv, Ning; Piao, Xiuying; Zhang, Jia; Liu, Yongquan; Brock, Theo C. M.	2014	Impact of imidacloprid on life-cycle development of Coccinella septempunctata in laboratory microcosms	Ecotoxicology and Environmental Safety (2014) Ahead of Print	EPA	#1; Chapter 2, p 2-48 (Figure 2-26)	⑯b
317	Perez-Iglesias, J. M.; Ruiz De Arcaute, C.; Nikoloff, N.; Dury, L.; Soloneski, S.; Natale, G. S.; Larramendy, M. L.	2014	The genotoxic effects of the imidacloprid - based insecticide formulation Glacoxan Imida on Montevideo tree frog Hypsiboas pulchellus tadpoles (Anura, Hylidae)	Ecotoxicology and Environmental Safety (2014), 104, 120-126	EPA	#1; Chapter 2, p 2-10, p 2-15 (Figure 2-3), p 2-16 (Figure 2-4); Appendix 2-3, p 21-22	⑯b

318	Wu Yan-Yan; Zhou Ting [Reprint Author]; Wubie, Abebe Jenberie; Wang Qiang; Dai Ping-Li; Jia Hui-Ru	2014	Apoptosis in the nerve cells of adult honeybee (Apis mellifera ligustica) brain induced by imidacloprid .	Acta Entomologica Sinica, (FEB 20 2014) Vol. 57, No. 2, pp. 194-203.	EFSA	#4; p 80, 468	⑲
319	Khan Azhar A; Afzal Muhammad; Qureshi Jawwad A; Khan Arif M; Raza Abubakar M	2014	Botanicals, selective insecticides and predators to control Diaphorina citri (Hemiptera: Liviidae) in citrus orchards.	Insect science, (2014 Sep 10) . Electronic Publication Date: 10 Sep 2014	EPA	#1; Appendix 2-2	⑯b
320	Navarro, P. D.; Mcmullen, J. G. II; Stock, S. P.	2014	EFFECT OF DINOTEFURAN, INDOXACARB, AND IMIDACLOPRID ON SURVIVAL AND FITNESS OF TWO ARIZONA-NATIVE ENTOMOPATHOGENIC NEMATODES AGAINST HELICOVERPA ZEA (LEPIDOPTERA: NOCTUIDAE).	Nematropica, (JUN 2014) Vol. 44, No. 1, pp. 64-73.	EPA	#1; Chapter 2, p 2-48 (Figure 2-26)	④
321	Thompson, Helen M.; Wilkins, Selwyn; Harkin, Sarah; Milner, Sarah; Walters, Keith Fa	2014	Neonicotinoids and bumblebees (Bombus terrestris): effects on nectar consumption in individual workers	Pest Management Science (2014) Ahead of Print	EPA EFSA	#2; p 142 #3; Appendix C, p 332-333	⑯b
322	Rehan, Adeel; Freed, Shoaib	2014	Resistance selection, mechanism and stability of Spodoptera litura (Lepidoptera: Noctuidae) to methoxyfenozide	Pesticide Biochemistry and Physiology (2014), 110, 7-12	EPA	#1; Chapter 2, p 2-21 (Figure 2-7)	④
323	Kalajahi, Manigheh Jamshidi; Ganbalani, Gadir Nouri; Kazemi, Mohammad H.; Shojai, Mahmood; Imani, Sohrab	2014	Investigation of sex ratio and adult longevity of Habrobracon hebetor Say in relation to some conventional and biorational insecticides	Archives of Phytopathology and Plant Protection (2014), 47(7), 852-856	EPA	#1; Appendix 2-2	⑯b
324	Shakir, Shakirullah Khan; Kanwal, Memoona; Murad, Waheed; Zia Ur Rehman; Shafiq Ur Rehman; Daud, M. K.; Azizullah, Azizullah	2015	Effect of some commonly used pesticides on seed germination, biomass production and photosynthetic pigments in tomato (Lycopersicon esculentum)	Ecotoxicology (2015) Ahead of Print	EPA	#1; Appendix 2-3, p 40-41	トマトに対する影響
325	Tufi, Sara; Stel, Jente M; De Boer, Jacob; Lamoree, Marja H; Leonards, Pim E G	2015	Metabolomics to Explore Imidacloprid - Induced Toxicity in the Central Nervous System of the Freshwater Snail Lymnaea stagnalis	Environmental Science and Technology [Environ. Sci. Technol.]. Vol. 49, no. 24, 14529 p. Dec 2015. ISSN: 0013-936X Published by: American Chemical Society, 1155 16th St., NW Washington DC 20036 United States	EPA	#1; Appendix 2-2	⑯b
326	Dani,V.	2015	Understanding Earthworm Sub-Lethal Responses to Atrazine and Imidacloprid Using 1H NMR Metabolomics	A thesis submitted in conformity with the requirements for the degree of Master of Science Graduate Department of Chemistry University of Toronto	EPA	#1; Appendix 2-2	査読プロセスのある学術ジャーナルに掲載されていない。
327	Chevalier, J.; Harscoet, E.; Keller, M.; Pandard, P.; Cachot, J.; Grote, M.	2015	Exploration of Daphnia behavioral effect profiles induced by a broad range of toxicants with different modes of action	Environmental Toxicology and Chemistry, (2015) Vol. 34, Issue 8, pp. 1760-1769	EPA	#1; Appendix 2-5, p 5	⑮
328	Frew John A; Grue Christian E	2015	Assessing the risk to green sturgeon from application of imidacloprid to control burrowing shrimp in Willapa Bay, Washington. II: Controlled exposure studies.	Environmental toxicology and chemistry / SETAC, (2015 Sep 8) . Electronic Publication Date: 8 Sep 2015	EPA	#1; Chapter 2, p 2-13 (Figure 2-1)	海外におけるチョウザメの暴露評価であり、リスク評価に利用できない。

329	Codling Garry; Al Naggar Yahya; Giesy John P; Robertson Albert J	2015	Concentrations of neonicotinoid insecticides in honey, pollen and honey bees (Apis mellifera L.) in central Saskatchewan, Canada.	Chemosphere, (2015 Nov 19) Vol. 144, pp. 2321-2328. Electronic Publication Date: 19 Nov 2015	EFSA	#3; Appendix C, p 60	海外モニタリングであり、日本における評価に利用できない。
330	Vazquez, P. Parrilla; Lozano, A.; Ucles, S.; Ramos, M. M. Gomez; Fernandez-Alba, A. R.	2015	A sensitive and efficient method for routine pesticide multiresidue analysis in bee pollen samples using gas and liquid chromatography coupled to tandem mass spectrometry	Journal of Chromatography A (2015), 1426, 161-173	EFSA	#3; Appendix C, p 214-215	海外モニタリング又はその分析法の開発であり、日本における評価に利用できない。
331	David, Arthur; Botias, Cristina; Abdul-Sada, Alaa; Goulson, Dave; Hill, Elizabeth M.	2015	Sensitive determination of mixtures of neonicotinoid and fungicide residues in pollen and single bumblebees using a scaled down QuEChERS method for exposure assessment	Analytical and Bioanalytical Chemistry (2015), 407(26), 8151-8162	EFSA	#3; Appendix C, p 70	海外モニタリング又はその分析法の開発であり、日本における評価に利用できない。
332	Lopez-Fernandez, Olalla; Rial-Otero, Raquel; Simal-Gandara, Jesus	2015	High-throughput HPLC-MS/MS determination of the persistence of neonicotinoid insecticide residues of regulatory interest in dietary bee pollen	Analytical and Bioanalytical Chemistry (2015), 407(23), 7101-7110	EFSA	#3; Appendix C, p 190	海外モニタリング又はその分析法の開発であり、日本における評価に利用できない。
333	Burgess, Edwin R., IV; King, B. H.	2015	Compatibility of the parasitoid wasp Spalangia endius (Hymenoptera: Pteromalidae) and insecticides against Musca domestica (Diptera: Muscidae) as evaluated by a new index	Journal of Economic Entomology (2015), 108(3), 986-992	EPA	#1; Appendix 2-6, p 3	⑯b
334	Frew John A; Sadilek Martin; Grue Christian E	2015	Assessing the risk to green sturgeon from application of imidacloprid to control burrowing shrimp in Willapa Bay, Washington. I: Exposure characterization.	Environmental toxicology and chemistry / SETAC, (2015 Jun 1) . Electronic Publication Date: 1 Jun 2015	EPA	#1; Appendix 2-2	海外におけるチョウザメの暴露評価であり、リスク評価に利用できない。
335	Costa, L. M. (Reprint); Grella, T. C.; Barbosa, R. A.; Malaspina, O.; Nocelli, R. C. F. Costa, L. M. (Reprint) Costa, L. M. (Reprint); Nocelli, R. C. F. Barbosa, R. A.	2015	Determination of acute lethal doses (LD50 and LC50) of imidacloprid for the native bee Melipona scutellaris Latreille, 1811 (Hymenoptera: Apidae)	SOCIOBIOLOGY, (DEC 2015) Vol. 62, No. 4, pp. 578-582. ISSN: 0361-6525.	EPA EFSA	#1; Appendix 2-6, p 3-4 #2; p 134, 136 #3; Appendix C, p 32-33 #4; p 81, 478	⑯b PMRAは「The oral test of the study is considered to be invalid and will not be further considered. Information was not provided allowing estimation of the actual level of exposure. The report did provide the nominal concentrations of imidacloprid test solution, but not how the test solution was provided, neither the volume of test solution fed to the bees nor the duration of feeding.」と評価している
336	Zhang, Zhengqun; Zhang, Xuefeng; Liu, Feng; Mu, Wei [Reprint Author]	2015	Insecticide susceptibility of the green plant bug, Apolygus lucorum Meyer-Dur (Homoptera: Miridae) and two predatory arthropods.	Journal of Plant Protection Research, (DEC 2015) Vol. 55, No. 4, pp. 362-370. ISSN: 1427-4345. E-ISSN: 1899-007X.	EPA	#1; Chapter 2, p 2-48 (Figure 2-26)	⑯b
337	Soares, Hellen Maria; Jacob, Cynthia Renata Oliveira; Carvalho, Stephan Malfitano; Nocelli, Roberta Cornelio Ferreira; Malaspina, Osmar	2015	Toxicity of Imidacloprid to the Stingless Bee Scaptotrigona postica Latreille, 1807 (Hymenoptera: Apidae)	Bulletin of Environmental Contamination and Toxicology (2015) Ahead of Print	EPA	#1; Appendix 2-6, p 3-4	⑯b

338	Tome, H. V. V.; Barbosa, W. F.; Correa, A. S.; Gontijo, L. M.; Martins, G. F.; Guedes, R. N. C.	2015	Reduced-risk insecticides in Neotropical stingless bee species: impact on survival and activity	Annals of Applied Biology (2015), 167(2), 186-196	EPA EFSA	#1; Chapter 2, p 2-45 (Figure 2-24) #3; Appendix C, p 333-334	⑯b
339	GE, Weili; Yan, Saihong; Wang, Jinhua; Zhu, Lusheng; Chen, Aimei; Wang, Jun	2015	Oxidative Stress and DNA Damage Induced by Imidacloprid in Zebrafish (Danio rerio)	Journal of Agricultural and Food Chemistry (2015) Ahead of Print	EPA NTP	#1; Appendix 2-2 #9	⑱(ゼブラフィッシュの酵素への影響)
340	Bori, Jaume; Ribalta, Carla; Domene, Xavier; Riva, Maria Carme; Ribo, Juan Manuel	2015	Environmental impacts of an imidacloprid - containing formulation: from soils to waters	Afinidad (2015), 72(571), 169-176	EPA	#1; Chapter 2, p 2-26 (Figure 2-11), 2-47 (Figure 2-25); Appendix 2-3, p 20	⑲
341	Qadir, S.; Bukhari, R.; Iqbal, F.	2015	Effect of sub lethal concentration of imidacloprid on proximate body composition of Labeo rohita.	Iranian Journal of Fisheries Sciences (2015) , Volume 14, Number 4, pp. 937-945, 20 refs. ISSN: 1562-2916 Published by: Iranian Fisheries Research Organization, Tehran	EPA	#1; Appendix 2-2	適切に評価できる試験系で実施されていない。
342	Zhang, Qingming; Xue, Changhui; Wang, Caixia	2015	Effects of imidacloprid on soil microbial communities in different saline soils	Environmental Science and Pollution Research (2015), 22(24), 19667-19675	EPA	#1; Appendix 2-2	⑯b
343	Sherawat, Sher Muhammad; Butt, Abida; Tahir, Hafiz Muhammad	2015	Effects of pesticides on agrobiont spiders in laboratory and field	Pakistan Journal of Zoology (2015), 47(4), 1089-1095	EPA	#1; Appendix 2-2	⑯b
344	Tang, Liang-De; Qiu, Bao-Li; Cuthbertson, Andrew G. S.; Ren, Shun-Xiang	2015	Status of insecticide resistance and selection for imidacloprid resistance in the ladybird beetle Propylaea japonica (Thunberg)	Pesticide Biochemistry and Physiology (2015), 123, 87-92	EPA	#1; Appendix 2-2	⑯b
345	Turchen L M; Golin V; Butnariu A R; Guedes R N C; Pereira M J B	2015	Lethal and Sublethal Effects of Insecticides on the Egg Parasitoid Telenomus podisi (Hymenoptera: Platygastridae).	Journal of economic entomology, (2015 Sep 9) . Electronic Publication Date: 9 Sep 2015	EPA	#1; Appendix 2-2	⑯b
346	Yu R X; Wang Y H; Hu X Q; Wu S G; Cai L M; Zhao X P	2015	Individual and Joint Acute Toxicities of Selected Insecticides Against Bombyx mori (Lepidoptera: Bombycidae).	Journal of economic entomology, (2015 Nov 6) . Electronic Publication Date: 6 Nov 2015	EPA	#1; Appendix 2-2	⑯b
347	Fonseca E Silva, Fernanda; De Carvalho, Geraldo Andrade	2015	Species, number and frequency of floral visitors in crops submitted to the application of pesticides. Original Title: Especies, numero e frequencia de visitantes florais em culturas agricolas submetidas a aplicacao de produtos fitossanitarios.	Arquivos do Instituto Biologico Sao Paulo, (2015) Vol. 82.	EFSA	#3; Appendix C, p 99-100	⑲
348	Stanley Dara A; Raine Nigel E	2015	Neonicotinoid pesticide exposure impairs crop pollination services provided by bumblebees .	Nature, (2015 Dec 24) Vol. 528, No. 7583, pp. 548-50. Electronic Publication Date: 18 Nov 2015	EFSA	#3; Appendix C, p 308	⑯b

349	Moffat Christopher; Pacheco Joao Goncalves; Sharp Sheila; Samson Andrew J; Bollan Karen A; Huang Jeffrey; Buckland Stephen T; Connolly Christopher N	2015	Chronic exposure to neonicotinoids increases neuronal vulnerability to mitochondrial dysfunction in the bumblebee (Bombus terrestris).	FASEB journal : official publication of the Federation of American Societies for Experimental Biology, (2015 Jan 29) . Electronic Publication Date: 29 Jan 2015	EPA EFSA	#1; Appendix 2-2 #3; Appendix C, p 202-203	⑯b
350	Tan Ken; Chen Weiwen; Dong Shihao; Liu Xiwen; Wang Yuchong; Nieh James C	2015	A neonicotinoid impairs olfactory learning in Asian honey bees (Apis cerana) exposed as larvae or as adults.	Scientific reports, (2015) Vol. 5, pp. 10989. Electronic Publication Date: 18 Jun 2015	EPA EFSA	#1; Appendix 2-2 #3; Appendix C, p 160	⑯b
351	Wang, Kai; Pang, Sen; Mu, Xiyan; Qi, Suzhen; Li, Dongzhi; Cui, Feng; Wang, Chengju	2015	Biological response of earthworm, Eisenia fetida, to five neonicotinoid insecticides	Chemosphere (2015), 132, 120-126	EPA	#1; Chapter 2, p 2-47 (Figure 2-25)	⑯b
352	Wang, Kai; Qi, Suzhen; Mu, Xiyan; Chai, Tingting; Yang, Yang; Wang, Dandan; Li, Dongzhi; Che, Wunan; Wang, Chengju	2015	Evaluation of the Toxicity , AChE Activity and DNA Damage Caused by Imidacloprid on Earthworms , Eisenia fetida	Bulletin of Environmental Contamination and Toxicology (2015) Ahead of Print	EPA	#1; Chapter 2, p 2-47 (Figure 2-25)	⑯b
353	Kumar, Muthukannan Satheesh; Kabra, Akhil N.; Min, Booki; El-Dalatony, Marwa M.; Xiong, Jiuqiang; Thajuddin, Nooruddin; Lee, Dae Sung; Jeon, Byong-Hun	2015	Insecticides induced biochemical changes in freshwater microalga Chlamydomonas mexicana	Environmental Science and Pollution Research (2015) Ahead of Print	EPA	#1; Chapter 2, p 2-26 (Figure 2-11)	⑯b
354	Krischik, Vera; Rogers, Mary; Gupta, Garima; Varshney, Aruna	2015	Soil-applied imidacloprid translocates to ornamental flowers and reduces survival of adult coleomegilla maculata, harmonia axyridis, and hippodamia convergens lady beetles, and larval danaus plexippus and vanessa cardui butterflies.	PLoS ONE, (23 Mar 2015) Vol. 10, No. 3. arn. e0119133. Refs: 74 E-ISSN: 1932-6203 CODEN: POLNCL	EPA	#1; Appendix 2-2	⑯b
355	Uragayala, Sreehari; Verma, Vaishali; Natarajan, Elamathi; Velamuri, Poonam Sharma; Kamaraju, Raghavendra	2015	Adulticidal and larvicidal efficacy of three neonicotinoids against insecticide susceptible and resistant mosquito strains	Indian Journal of Medical Research (2015), 142(Suppl.), 64-70	EPA	#1; Chapter 2, p 2-44 (Figure 2-23)	④ ⑯b
356	Taylor, Sally V.; Burrack, Hannah J.; Roe, R. Michael; Bacheler, Jack S.; Sorenson, Clyde E.	2015	Systemic imidacloprid affects intraguild parasitoids differently	PLoS One (2015), 10(12), e0144598/1-e0144598/13	EPA	#1; Appendix 2-2	⑯b
357	Naeem Abbas; Shad, S. A.; Shah, R. M.	2015	Resistance status of Musca domestica L. populations to neonicotinoids and insect growth regulators in Pakistan poultry facilities.	Pakistan Journal of Zoology (2015) , Volume 47, Number 6, pp. 1663-1671, 50 refs. ISSN: 0030-9923 Published by: Zoological Society of Pakistan, Lahore	EPA	#1; Appendix 2-6, p 3	④
358	Bonmatin, J. -M. (Reprint); Giorio, C.; Girolami, V.; Goulson, D.; Kreutzweiser, D. P.; Krupke, C.; Liess, M.; Long, E.; Marzaro, M.; Mitchell, E. A. D.; Noome, D. A.; Simon-Delso, N.; Tapparo, A. Bonmatin, J. -M. (Reprint) Bonmatin, J. -M. (Reprint) Gior	2015	Environmental fate and exposure ; neonicotinoids and fipronil	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, (JAN 2015) Vol. 22, No. 1, pp. 35-67. ISSN: 0944-1344.	EPA	#2; p 316	⑧

359	Ripka Geza [Reprint Author]; Repkenyi Zoltan; Griff Tamas; Dienes Dora; Vasarhelyi Adrienn	2015	THE RESULTS OF ANALYTICAL RESIDUE STUDIES ON CERTAIN INSECTICIDES APPLIED IN FLOWERING CROPS. Original Title: VIRAGZO NOVENYKULTURAKBAN VEGZETT ROVAROLO SZERMARADEK-ANALITIKAI VIZSGALATOK 2013. EVI EREDMENYEI.	Novenyvdelem, (APR 2015) Vol. 51, No. 4, pp. 167-182. ISSN: 0133-0829.	EFSA	#3; Appendix C, p 265	⑲
360	Zahid,M., M. Salman, A. Farid, S.A.K. Alamzeb, and K. Habib	2015	Degree-Day Forecasting Method: A Tool for Increasing the Precision of Chemical Control for Managing Peach Flat-Headed Borer, Sphenoptera dadkhani (Oben.) (Coleoptera: Buprestidae)	Pakistan J. Zool., vol. 47(6), pp. 1771-1776, 2015	EPA	#1; Appendix 2-2	④
361	Manikandan,S., and P. Srimathi	2015	Effect of Seed Treatments and Containers on Storability of Grain Amaranthus (Amaranthus hypochondriacus L.) CV. Suvarna	International Journal of Horticulture, 2015, Volume 4, Issue 2, 115-120	EPA	#1; Appendix 2-2	④
362	Put Kurt; Bollens Tim; Wackers Felix; Pekas Apostolos	2015	Non - target effects of commonly used plant protection products in roses on the predatory mite Euseius gallicus Kreiter and Tixier (Acari: Phytoseidae).	Pest management science, (2015 Oct 5) . Electronic Publication Date: 5 Oct 2015	EPA	#1; Appendix 2-2	④
363	Huang Liang; Zhao Chun-Lin; Huang Fang; Bai Run-E; Lu Yao-Bin [Reprint Author]; Yan Feng-Ming; Hao Zhong-Ping	2015	Effects of imidacloprid and thiamethoxam as seed treatments on the early seedling characteristics and aphid-resistance of oilseed rape.	Journal of Integrative Agriculture, (2015) Vol. 14, No. 12, pp. 2581-2589. ISSN: 2095-3119.	EPA	#1; Appendix 2-2	④
364	Bianchi, Jaqueline; Casimiro Fernandes, Thais Cristina; Marin-Morales, Maria Aparecida	2015	Induction of mitotic and chromosomal abnormalities on Allium cepa cells by pesticides imidacloprid and sulfentrazone and the mixture of them	Chemosphere (2015) Ahead of Print	EPA	#1; Appendix 2-2	④
365	Wang, Juan; Wang, Jinhua; Wang, Guangchi; Zhu, Lusheng; Wang, Jun	2015	DNA damage and oxidative stress induced by imidacloprid exposure in the earthworm Eisenia fetida	Chemosphere (2015) Ahead of Print	EPA	#1; Appendix 2-2	⑯b
366	Ansoar-Rodriguez, Yadira; Christofoletti, Cintya A.; Marcato, Ana Claudia; Correia, Jorge Evangelista; Bueno, Odair Correa; Malaspina, Osmar; Fontanetti, Carmem S.	2015	Genotoxic potential of the insecticide imidacloprid in a non - target organism (Oreochromis niloticus-Pisces)*	Journal of Environmental Protection (2015), 6(12), 1360-1367	EPA	#1; Appendix 2-2	⑯b
367	Santos, Monica Silva; Zanardi, Odimar Zanuzo; Pauli, Kaira Samaini; Forim, Moacir Rossi; Yamamoto, Pedro Takao; Vendramim, Jose Djair	2015	Toxicity of an azadirachtin-based biopesticide on Diaphorina citri Kuwayama (Hemiptera: Liviidae) and its ectoparasitoid Tamarixia radiata (Waterston) (Hymenoptera: Eulophidae)	Crop Protection (2015), 74, 116-123	EPA	#1; Appendix 2-2	⑯b
368	Devi, A. R.; Tambe, V. J.; Kumar, G. S.; Nage, S. M.	2015	Toxicity of different insecticides on eggs and second instar larvae of Chrysopa.	Environment and Ecology (2015) , Volume 33, Number 2, pp. 685-689, 22 refs. ISSN: 0970-0420 Published by: MKK Publication, Kolkata	EPA	#1; Appendix 2-2	⑯b

369	Kung, W. Y.; Hoover, K.; Cowles, R.; Trotter, R. T., III	2015	Long-term effects of imidacloprid on eastern hemlock canopy arthropod biodiversity in New England.	Northeastern Naturalist (2015), Volume 22, Number 1, pp. NENHC-40-NENHC-55, 37 refs. ISSN: 1092-6194 Published by: Eagle Hill Institute, Steuben Conference: 2014 North Eastern Natural History Conference (NENHC 2014), Springfield, Massachusetts, USA, 8-9 A	EPA	#1; Appendix 2-2	⑯b
370	Qiaoyan, Y.; Liu, C.; Zhang, Y.	2015	Mowing versus insecticide for control of alfalfa aphids and their differential impacts on natural enemies.	Egyptian Journal of Biological Pest Control (2015), Volume 25, Number 2, pp. 285-289, 12 refs. ISSN: 1110-1768 Published by: Egyptian Society for Biological Control of Pests, Cairo	EPA	#1; Appendix 2-2	⑯b
371	Whitehorn Penelope R; Cook Nicola; Blackburn Charlotte V; Gill Sophie M; Green Jade; Shuker David M	2015	Sex allocation theory reveals a hidden cost of neonicotinoid exposure in a parasitoid wasp.	Proceedings. Biological sciences, (2015 May 22) Vol. 282, No. 1807, pp. 20150389.	EPA	#1; Appendix 2-2	⑯b
372B	Qadir, Shazia; Iqbal, Furhan	2016	Effect of subleathal concentrtion of imidacloprid on the histology of heart, liver and kidney in Labeo rohitr.	Pakistan Journal of Pharmaceutical Sciences, (November 2016) Vol. 29, No. 6, pp. 2033-2038. Refs: 27 ISSN: 1011-601X	NTP	#9	ローフーにおける亜致死影響を調べたものであり、日本の評価に用いられるエンドポイント(LC50)が得られていないため⑯b, ⑱
373C	Iturburu, Fernando G.; Zoemisch, Markus; Panzeri, Ana M.; Crupkin, Andrea C.; Contardo-Jara, Valeska; Pflugmacher, Stephan; Menone, Mirta L.	2016	Uptake, distribution in different tissues and genotoxicity of imidacloprid in the freshwater fish Australoheros facetus	Environmental Toxicology and Chemistry (2016) Ahead of Print	NTP	#9	生物濃縮性を調べているが、推奨種ではなく、また日本で登録されていない製剤を用いているため⑭, ⑯b
374	Gott,R.C.	2016	Development of Gene Expression-Based Biomarkers of Exposure to Metals and Pesticides in the Freshwater Amphipod Hyalella azteca	University libraries DRUM	EPA	#1; Appendix 2-2	査読プロセスのある学術ジャーナルに掲載されていない。
375	David, Arthur; Botias, Cristina; Abdul-Sada, Alaa; Nicholls, Elizabeth; Rotheray, Ellen L.; Hill, Elizabeth M.; Goulson, Dave	2016	Widespread contamination of wildflower and bee-collected pollen with complex mixtures of neonicotinoids and fungicides commonly applied to crops	Environment International (2016), 88, 169-178	EFSA	#3; Appendix C, p 70-71	海外モニタリングであり、日本における評価に利用できない。
376	Jones Ainsley; Turnbull Gordon	2016	Neonicotinoid Concentrations in UK Honey from 2013.	Pest management science, (2016 Jan 11) . Electronic Publication Date: 11 Jan 2016	EPA	#2; p 320	海外モニタリングであり、日本における評価に利用できない。
377	Lu, Chensheng; Chang, Chi-Hsuan; Tao, Lin; Chen, Mei	2016	Distributions of neonicotinoid insecticides in the Commonwealth of Massachusetts: a temporal and spatial variation analysis for pollen and honey samples	Environmental Chemistry (2016), 13(1), 4-11	EPA	#2; p 321	海外モニタリングであり、日本における評価に利用できない。
378	Lawrence T J; Culbert E M; Felsot A S; Hebert V R; Sheppard W S	2016	Survey and Risk Assessment of Apis mellifera (Hymenoptera: Apidae) Exposure to Neonicotinoid Pesticides in Urban, Rural, and Agricultural Settings.; Survey and Risk Assessment of Apis mellifera (Hymenoptera: Apidae) Exposure to Neonicotinoid Pesticides i	Journal of economic entomology, (2016 Jan 19) . Electronic Publication Date: 19 Jan 2016	EFSA	#3; Appendix C, p 185	海外モニタリングであり、日本における評価に利用できない。

379	Botias, Cristina; David, Arthur; Hill, Elizabeth M.; Goulson, Dave	2016	Contamination of wild plants near neonicotinoid seed-treated crops, and implications for non-target insects	Science of the Total Environment (2016), 566-567, 269-278	EPA	#2; p 316	海外モニタリングであり、日本における評価に利用できない。
380	Calatayud-Vernich, Pau; Calatayud, Fernando; Simo, Enrique; Suarez-Varela, Maria Morales; Pico, Yolanda	2016	Influence of pesticide use in fruit orchards during blooming on honeybee mortality in 4 experimental apiaries	Science of the Total Environment (2016), 541, 33-41	EPA	#2; p 325	海外モニタリングであり、日本における評価に利用できない。
381	Hladik, Michelle L.; Vandever, Mark; Smalling, Kelly L.	2016	Exposure of native bees foraging in an agricultural landscape to current-use pesticides	Science of the Total Environment (2016), 542(Part_A), 469-477	EPA	#2; p 319	海外モニタリングであり、日本における評価に利用できない。
382	Hassoon, H. A.; Salman, S. A.	2016	The acute effect of pesticides carbaryl and imidacloprid on Daphnia pulex species.	Journal of International Environmental Application and Science (2016) , Volume 11, Number 1, pp. 18-25 ISSN: 1307-0428 Published by: Selcuk University, Engineering Faculty, Konya	EPA	#1; Appendix 2-5, p 4	⑭
383	Augusiak, Jacqueline; Van Den Brink, Paul J.	2016	The influence of insecticide exposure and environmental stimuli on the movement behaviour and dispersal of a freshwater isopod	Ecotoxicology (2016) Ahead of Print	EPA	#1; Appendix 2-5, p 4	⑯b
384	Alexander, Alexa C.; Culp, Joseph M.; Baird, Donald J.; Cessna, Allan J.	2016	Nutrient-insecticide interactions decouple density-dependent predation pressure in aquatic insects	Freshwater Biology (2016), 61(12), 2090-2101	EPA	#1; Appendix 2-2	⑱
385	Prosser, R. S.; De Solla, S. R.; Holman, E. A. M.; Osborne, R.; Robinson, S. A.; Bartlett, A. J.; Maisonneuve, F. J.; Gillis, P. L.	2016	Sensitivity of the early-life stages of freshwater mollusks to neonicotinoid and butenolide insecticides	Environmental Pollution (Oxford, United Kingdom) (2016), 218, 428-435	EPA	#1; Chapter 2, p 2-10, 2-17; Appendix 2-3, p 18	⑯b
386	Shah Rizwan Mustafa; Alam Mahbob; Ahmad Daniyal; Waqas Muhammad; Ali Qasim; Binyamin Muhammad; Shad Sarfraz Ali	2016	Toxicity of 25 synthetic insecticides to the field population of Culex quinquefasciatus Say.	Parasitology research, (2016 Aug 17) . Electronic Publication Date: 17 Aug 2016	EPA	#1; Appendix 2-6, p 3	⑯b
387	Cook, Nicola; Green, Jade; Shuker, David M.; Whitehorn, Penelope R.	2016	Exposure to the neonicotinoid imidacloprid disrupts sex allocation cue use during superparasitism in the parasitoid wasp Nasonia vitripennis	Ecological Entomology (1 Dec 2016) Volume 41, Number 6, pp. 693-697, 40 refs. CODEN: EENTDT ISSN: 0307-6946 E-ISSN: 1365-2311 DOI: 10.1111/een.12344 Published by: Blackwell Publishing Ltd,	EPA	#1; Appendix 2-2	⑯b
388	Xiao, Da; Zhao, Jing; Guo, Xiaojun; Chen, Hongying; Qu, Mengmeng; Zhai, Weigang; Desneux, Nicolas; Biondi, Antonio; Zhang, Fan; Wang, Su	2016	Sublethal effects of imidacloprid on the predatory seven-spot ladybird beetle Coccinella septempunctata	Ecotoxicology (2016), 25(10), 1782-1793	EPA	#1; Appendix 2-2	⑯b
389	Switzer, Callin M.; Combes, Stacey A.	2016	The neonicotinoid pesticide, imidacloprid, affects Bombus impatiens (bumblebee) sonication behavior when consumed at doses below the LD50	Ecotoxicology (2016), 25(6), 1150-1159	EPA	#1; Appendix 2-2	⑯b

390	Brar, Gurpreet S.; Martini, Xavier; Stelinski, Lukasz L.	2016	Lethal and sub - lethal effects of a novel sulfoximine insecticide, sulfoxaflor, against Asian citrus psyllid and its primary parasitoid under laboratory and field conditions	International Journal of Pest Management (2016) Ahead of Print	EPA	#1; Appendix 2-2	⑯b
391	Fernandes, Maria E. S.; Alves, Flavia M.; Pereira, Renata C.; Aquino, Leonardo A.; Fernandes, Flavio L.; Zanuncio, Jose C.	2016	Lethal and sublethal effects of seven insecticides on three beneficial insects in laboratory assays and field trials	Chemosphere (2016), 156, 45-55	EPA	#1; Chapter 2, p 2-48 (Figure 2-26)	⑯b
392	Ansoar-Rodriguez, Yadira; Christofoletti, Cintya A.; Correia, Jorge E.; De Souza, Raphael B.; Moreira-De-Sousa, Cristina; Castro Marcato, Ana Claudia De; Bueno, Odair C.; Malaspina, Osmar; Silva-Zacarin, Elaine C. M.; Fontanetti, Carmem S.	2016	Liver alterations in Oreochromis niloticus (Pisces) induced by insecticide imidacloprid : Histopathology and heat shock protein in situ localization	Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants, and Agricultural Wastes (2016) Ahead of Print	EPA NTP	#1; Appendix 2-2 #9	⑯b ⑱
393	Xu, Tianbo; Dyer, Dan G.; Mcconnell, Laura L.; Bondarenko, Svetlana; Allen, Richard; Heinemann, Oliver	2016	Clothianidin in agricultural soils and uptake into corn pollen and canola nectar after multiyear seed treatment applications	Environmental Toxicology and Chemistry (2016) Ahead of Print	EFSA	#3; Appendix C, p 355	①
394	Moffat Christopher; Buckland Stephen T; Samson Andrew J; Mcarthur Robin; Chamosa Pino Victor; Bollan Karen A; Huang Jeffrey T-J; Connolly Christopher N	2016	Neonicotinoids target distinct nicotinic acetylcholine receptors and neurons, leading to differential risks to bumblebees.	Scientific reports, (2016) Vol. 6, pp. 24764. Electronic Publication Date: 28 Apr 2016	EFSA	#3; Appendix C, p 201-202	⑯b
395	Burgess, Edwin R., IV; King, B. H.	2016	Behavior and survival of the filth fly parasitoids Spalangia endius and Urolepis rufipes (Hymenoptera: Pteromalidae) in response to three granular house fly baits and components	Environmental Entomology (2016), 45(6), 1496-1504	EPA	#1; Chapter 2, p 2-36, p 2-42, p 2-48 (Figure 2-26)	⑯b
396	Camp, A. A.; Buchwalter, D. B.	2016	Cant take the heat: Temperature-enhanced toxicity in the mayfly Isonychia bicolor exposed to the neonicotinoid insecticide imidacloprid	Aquatic Toxicology (2016), 178, 49-57	EPA	#1; Appendix 2-5, p 4	⑯b
397	Hsiao Chun-Jen; Lin Ching-Lung; Lin Tian-Yu; Wang Sheue-Er; Wu Chung-Hsin	2016	Imidacloprid toxicity impairs spatial memory of echolocation bats through neural apoptosis in hippocampal CA1 and medial entorhinal cortex areas.	Neuroreport, (2016 Apr 13) Vol. 27, No. 6, pp. 462-8.	EPA NTP	#1; Appendix 2-2 #9	⑯b
398	Wang, Yanhua; An, Xuehua; Shen, Weifeng; Chen, Liezhong; Jiang, Jinhua; Wang, Qiang; Cai, Leiming	2016	Individual and combined toxic effects of herbicide atrazine and three insecticides on the earthworm , Eisenia fetida	Ecotoxicology (2016) Ahead of Print	EPA	#1; Chapter 2, p 2-47 (Figure 2-25), 2-48 (Figure 2-26)	⑯b
399	Xia, Xiaohua; Xia, Xiaopei; Huo, Weiran; Dong, Hui; Zhang, Linxia; Chang, Zhongjie	2016	Toxic effects of imidacloprid on adult loach (Misgurnus anguillicaudatus)	Environmental Toxicology and Pharmacology (2016), 45, 132-139	EPA NTP	#1; Chapter 2, p 2-13 (Figure 2-1) #9	⑯b

400	Li, Yang Grace; Fallon, Ann M.	2016	Rearing the soil arthropod Folsomia candida (Collembola: Isotomidae) on agar plates and estimating biomass by protein staining with Ponceau S	Applied Entomology and Zoology (2016), 51(3), 489-494	EPA	#1; Appendix 2-2	⑯b
401	Aaen, S. M.; Horsberg, T. E.	2016	A screening of multiple classes of pharmaceutical compounds for effect on preadult salmon lice Lepeophtheirus salmonis	Journal of Fish Diseases (2016), 39(10), 1213-1223	EPA	#1; Appendix 2-5, p 4-5	サケジラミに対する効果。
402	Dai, Ping-Li; Jia, Hui-Ru; Jack, Cameron J.; Geng, Li-Li; Liu, Feng; Hou, Chun-Sheng; Diao, Qing-Yun; Ellis, James D.	2016	Bt Cry1Ie toxin does not impact the survival and pollen consumption of Chinese honey bees, Apis cerana cerana (Hymenoptera, Apidae)	Journal of Economic Entomology (2016), 109(6), 2259-2263	EPA	#1; Appendix 2-2	⑯b
403	Farooq, Muzammil; Freed, Shoaib	2016	Combined effects of Beauveria bassiana (Hypocreales: Clavicipitaceae) and insecticide mixtures on biological parameters of Musca domestica (Diptera: Muscidae)	Pakistan Journal of Zoology (2016), 48(5), 1465-1476	EPA	#1; Chapter 2, p 2-45 (Figure 2-24)	④
404	Turkington,T.K., B.L. Beres, H.R. Kutcher, B. Irvine, E.N. Johnson, J.T. O'Donovan, K.N. Harker, C.B. Holzapfel, R. Moh	2016	Winter Wheat Yields are Increased by Seed Treatment and Fall-Applied Fungicide	Agronomiy Journal, Volume108, Issue 4, July–August 2016, Pages 1379-1389	EPA	#1; Appendix 2-2	④
405	Francis,N.	2016	Biology of Thalassa montezumae (Coleoptera: Coccinellidae) a Predaceous Beetle of the Invasive Soft Scale Phalacrococcus howertoni (Hemiptera: Coccidae) in South Florida	THE FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY, COLLEGE OF AGRICULTURE AND FOOD SCIENCES	EPA	#1; Appendix 2-2	査読プロセスのある学術ジャーナルに掲載されていない。
406	Anket Sharma; Vinod Kumar; Thukral, A. K.; Renu Bhardwaj; Sharma, A.; Kumar, V.; Bhardwaj, R.	2016	Epibrassinolide-imidacloprid interaction enhances non-enzymatic antioxidants in Brassica juncea L.	Indian Journal of Plant Physiology (2016) , Volume 21, Number 1, pp. 70-75, 28 refs. ISSN: 0019-5502 DOI: 10.1007/s40502-016-0203-x Published by: Springer, New Delhi	EPA	#1; Appendix 2-2	④
407	Aaen,S.M., L.A. Hamre, and T.E. Horsberg	2016	A Screening of Medicinal Compounds for Their Effect on Egg Strings and Nauplii of the Salmon Louse Lepeophtheirus salmonis (Kroyer)	J. Fish Dis.39:1201-1212	EPA	#1; Chapter 2, p 2-23 (Figure 2-9)	④
408	Barrera-Ruiz, U. M.; Cibrian-Tovar, D.; Llanderal-Cazares, M. C. M.; Cibrian-Llanderal, V. D.; Lagunes-Tejeda, A.	2016	Chemical combat of gall wasps Andricus quercuslaurinus Melika and Pujade-Villar (Cynipidae) in Quercus affinis Scheidw.	Revista Chapingo. Serie Ciencias Forestales y del Ambiente (2016), Volume 22, Number 2, pp. 115-123, 13 refs. ISSN: 2007-3828 Published by: Universidad Autonoma Chapingo, Chapingo	EPA	#1; Appendix 2-2	⑯b
409	Sharma, Anket; Kumar, Vinod; Singh, Ravinder; Thukral, Ashwani Kumar; Bhardwaj, Renu	2016	Effect of seed pre-soaking with 24-epibrassinolide on growth and photosynthetic parameters of Brassica juncea L. in imidacloprid soil	Ecotoxicology and Environmental Safety (2016), 133, 195-201	EPA	#1; Appendix 2-2	④

410	Rodriguez-Gonzalez, A.; Pelaez, H. J.; Mayo, S.; Gonzalez-Lopez, O.; Casquero, P. A.	2016	Egg development and toxicity of insecticides to eggs, neonate larvae and adults of Xylotrechus arvicola, a pest in Iberian grapevines	Vitis (2016), 55(2), 83-93	EPA	#1; Appendix 2-2	⑯b
411	Spafford Helen; Ching Alexander; Manley Megan; Hardin Chelsea; Bittenbender Harry	2016	Management of Chinese Rose Beetle (Adoretus sinicus) Adults Feeding on Cacao (Theobroma cacao) Using Insecticides.	Insects, (2016 Jun 24) Vol. 7, No. 2. Electronic Publication Date: 24 Jun 2016	EPA	#1; Appendix 2-2	④
412	Tufi, Sara; Wassenaar, Pim N. H.; Osorio, Victoria; De Boer, Jacob; Leonards, Pim E. G.; Lamoree, Marja H.	2016	Pesticide mixture toxicity in surface water extracts in snails (Lymnaea stagnalis) by an in vitro acetylcholinesterase inhibition assay and metabolomics	Environmental Science and Technology (2016) Ahead of Print	EPA	#1; Appendix 2-2	⑯b
413	Sillapawattana Panwad; Schaffer Andreas	2016	Effects of imidacloprid on detoxifying enzyme glutathione S-transferase on Folsomia candida (Collembola).	Environmental science and pollution research international, (2016 Apr 20) . Electronic Publication Date: 20 Apr 2016	EPA	#1; Appendix 2-2	⑯b
414	Davidson, William; Rieske, Lynne K.	2016	Establishment of classical biological control targeting emerald ash borer is facilitated by use of insecticides, with little effect on native arthropod communities	Biological Control (2016), 101, 78-86	EPA	#1; Appendix 2-2	⑯b
415	Sharma, Anket; Thakur, Sharad; Kumar, Vinod; Kanwar, Mukesh K.; Kesavan, Anup K.; Thukral, Ashwani K.; Bhardwaj, Renu [Reprint Author]; Alam, Pravej; Ahmad, Parvaiz	2016	Pre-sowing Seed Treatment with 24-Epibrassinolide Ameliorates Pesticide Stress in Brassica juncea L. through the Modulation of Stress Markers.	Frontiers in Plant Science, (NOV 2 2016) Vol. 7, pp. Article No.: 1569. ISSN: 1664-462X. E-ISSN: 1664-462X.	EPA	#1; Appendix 2-2	⑯b
416B	Topal, Ahmet; Alak, Gonca; Ozkaraca, Mustafa; Yeltekin, Asli Cilingir; Comakli, Selim; Acil, Gurdal; Kokturk, Mine; Atamanalp, Muhammed	2017	Neurotoxic responses in brain tissues of rainbow trout exposed to imidacloprid pesticide: Assessment of 8-hydroxy-2-deoxyguanosine activity, oxidative stress and acetylcholinesterase activity	Chemosphere (2017), 175, 186-191	NTP	#9	ニジマスにおける神経毒性反応を調べたものでありLC50が得られていないため⑱
417	Yasuda,M., Y. Sakamoto, K. Goka, T. Nagamitsu, and H. Taki	2017	Insecticide Susceptibility in Asian Honey Bees (Apis cerana (Hymenoptera: Apidae)) and Implications for Wild Honey Bees in Asia	J. Econ. Entomol.110(2): 447-452	EPA	#1; Appendix 2-6, p 3	⑯b
418	Wu, Ming-Cheng; Chang, Yu-Wen; Lu, Kuang-Hui; Yang, En-Cheng	2017	Gene expression changes in honey bees induced by sublethal imidacloprid exposure during the larval stage	Insect Biochemistry and Molecular Biology (2017) Ahead of Print	EPA	#1; Appendix 2-2	⑱
419	Tome Hudson V V; Ramos Gabryele S; Araujo Micaele F; Santana Weyder C; Santos Gil R; Guedes Raul Narciso C; Maciel Carlos D; Newland Philip L; Oliveira Eugenio E	2017	Agrochemical synergism imposes higher risk to Neotropical bees than to honeybees .	Royal Society open science, (2017 Jan) Vol. 4, No. 1, pp. 160866. Electronic Publication Date: 18 Jan 2017	EPA	#1; Chapter 2, p 2-40 (Figure 2-20)	⑭
420	Cang, Tao; Dai, Dejiang; Yang, Guiling; Yu, Yijun; Lv, Lu; Cai, Leiming; Wang, Qiang; Wang, Yanhua	2017	Combined toxicity of imidacloprid and three insecticides to the earthworm, Eisenia fetida (Annelida, Oligochaeta)	Environmental Science and Pollution Research (2017), 24(9), 8722-8730	EPA	#1; Chapter 2, p 2-47 (Figure 2-25)	⑯b

421	De Lima E Silva, Claudia; Brennan, Nicola; Brouwer, Jitske M.; Commandeur, Daniel; Verweij, Rudo A.; Van Gestel, Cornelis A. M.	2017	Comparative toxicity of imidacloprid and thiacloprid to different species of soil invertebrates	Ecotoxicology (2017), 26(4), 555-564	EPA	#1; Chapter 2, p 2-47 (Figure 2-25)	⑯b
422	Mabubu, Juma Ibrahim; Nawaz, Muhammad; Cai, Wanlun; Zhao, Jing; He, Yueping; Hua, Hongxia Mabubu, Juma Ibrahim	2017	Ecotoxicity of the Neonicotinoid Insecticides Imidacloprid and Thiacloprid to the Soil-Dwelling Arthropod Folsomia candida (Collembola)	JOURNAL OF THE KANSAS ENTOMOLOGICAL SOCIETY, (OCT 2017) Vol. 90, No. 4, pp. 323-333. ISSN: 0022-8567.	EPA	#1; Chapter 2, p 2-9, 2-36, 2-46, 2-47 (Figure 2-25)	⑯b
423	Skouras, Panagiotis J.; Stathas, George J.; Voudouris, Costas Ch.; Darras, Anastasios I.; Tsitsipis, John A.; Margaritopoulos, John T.	2017	Effect of synthetic insecticides on the larvae of Coccinella septempunctata from Greek populations	Phytoparasitica (2017), 45(2), 165-173	EPA	#1; Appendix 2-6, p 3-4	⑯b
424	Lunardi, J. S.; Zaluski, R.; Orsi, R. O.	2017	Evaluation of motor changes and toxicity of insecticides fipronil and imidacloprid in Africanized honey bees (Hymenoptera: Apidae).	Sociobiology (2017), Volume 64, Number 1, pp. 50-56 ISSN: 0361-6525 DOI: 10.13102/sociobiology.v64i1.1190 Published by: Universidade Estadual de Feira de Santana, Bahia	EPA	#1; Chapter 2, p 2-44 (Figure 2-23), 2-45 (Figure 2-24)	⑭
425	Zhu Yu Cheng; Yao Jianxiu; Adamczyk John; Luttrell Randall	2017	Feeding toxicity and impact of imidacloprid formulation and mixtures with six representative pesticides at residue concentrations on honey bee physiology (Apis mellifera).	PloS one, (2017) Vol. 12, No. 6, pp. e0178421. Electronic Publication Date: 7 Jun 2017	EPA	#1; Chapter 2, p 2-45 (Figure 2-24)	⑭
426	Tappert, Lars; Pokorny, Tamara; Hofferberth, John; Ruther, Joachim	2017	Sublethal doses of imidacloprid disrupt sexual communication and host finding in a parasitoid wasp	Scientific Reports (2017), 7, 42756	EPA	#1; Appendix 2-6, p 4	⑯b
427	Robinson, Stacey A.; Richardson, Sarah D.; Dalton, Rebecca L.; Maisonneuve, France; Trudeau, Vance L.; Pauli, Bruce D.; Lee-Jenkins, Stacey S. Y.	2017	Sublethal effects on wood frogs chronically exposed to environmentally relevant concentrations of two neonicotinoid insecticides	Environmental Toxicology and Chemistry (2017) Ahead of Print	EPA	#1; Appendix 2-3, p 23-24	⑯b
428	Van Gestel, Cornelis A. M.; De Lima E Silva, Claudia; Lam, Thao; Koekkoek, Jacco C.; Lamoree, Marja H.; Verweij, Rudo A.	2017	Multigeneration toxicity of imidacloprid and thiacloprid to Folsomia candida	Ecotoxicology (2017), 26(3), 320-328	EPA	#1; Chapter 2, p 2-47 (Figure 2-25)	⑯b
429	Nazir, Talha; Gogi, Muhammad Dildar; Majeed, Muhammad Zeeshan; Ul Hassan, Waheed; Hanan, Abdul; Arifl, Muhammad Jalal	2017	Field evaluation of selective systemic formulations against sucking insect pest complex and their natural enemies on a transgenic Bt Cotton	Pakistan Journal of Zoology (2017), 49(5), 1789-1796	EPA	#1; Appendix 2-2	④
430	Eng Margaret L; Stutchbury Bridget J M; Morrissey Christy A	2017	Imidacloprid and chlorpyrifos insecticides impair migratory ability in a seed-eating songbird.	Scientific reports, (2017 Nov 09) Vol. 7, No. 1, pp. 15176. Electronic Publication Date: 9 Nov 2017	EPA	#1; Appendix 2-2	⑱
431	Phelps, Jordan D.; Strang, Caroline G.; Gbylik-Sikorska, Malgorzata; Sniegocki, Tomasz; Posyniak, Andrzej; Sherry, David F.	2017	Imidacloprid slows the development of preference for rewarding food sources in bumblebees (Bombus impatiens)	Ecotoxicology (2017) Ahead of Print	EPA	#1; Appendix 2-2	⑯b
432	Burges, Edwin R., IV; Kremer, Aspen; Elsawa, Sherine F.; King, B. H.	2017	Sublethal effects of imidacloprid exposure on Spalangia endius, a pupal parasitoid of filth flies	BioControl (2017), 62(1), 53-60	EPA	#1; Appendix 2-2	⑯b

433	Zhu, Yu Cheng; Yao, Jianxiu; Adamczyk, John; Luttrell, Randall	2017	Synergistic toxicity and physiological impact of imidacloprid alone and binary mixtures with seven representative pesticides on honey bee (Apis mellifera).	PLoS ONE, (May 2017) Vol. 12, No. 5. arn. e0176837. Refs: 65 E-ISSN: 1932-6203 CODEN: POLNCL	EPA	#1; Appendix 2-2	⑭ ⑱
434	Mohanty, Banalata; Pandey, Surya Prakash; Tsutsui, Kazuyoshi	2017	Thyroid disrupting pesticides impair the hypothalamic-pituitary-testicular axis of a wildlife bird , Amandava amandava	Reproductive Toxicology (2017), 71, 32-41	EPA	#1; Appendix 2-2	⑱
435	Prathibha, P. S.; Subaharan, K.; Kumar, A. R. V.	2017	Toxicity and dissipation of soil insecticides applied in the management of arecanut white grub, Leucopholis burmeisteri Brenk. (Coleoptera: Scarabaeidae)	Phytoparasitica (2017), 45(2), 155-163	EPA	#1; Appendix 2-2	④
436	Shukla, Saurabh; Jhamtani, Reena C.; Dahiya, M. S.; Agarwal, Rakhi	2017	Oxidative injury caused by individual and combined exposure of neonicotinoid, organophosphate and herbicide in zebrafish	Toxicology Reports (2017), 4, 240-244	EPA NTP	#1; Appendix 2-2 #9	⑱
437	Czerwinski, Mitchell Andrew; Sadd, Ben Michael	2017	Detrimental interactions of neonicotinoid pesticide exposure and bumblebee immunity.	Journal of Experimental Zoology, (JUN 1 2017) Vol. 327, No. 5, Sp. Iss. SI, pp. 273-283. ISSN: 2471-5646. E-ISSN: 2471-5646.	EPA	#1; Appendix 2-2	⑯b
438	Sharma, A.; Kumar, V.; Kanwar, M. K.; Thukral, A. K.; Bhardwaj, R.	2017	Ameliorating imidacloprid induced oxidative stress by 24-epibrassinolide in Brassica juncea L.	Russian Journal of Plant Physiology (2017), 64(4), 509-517	EPA	#1; Appendix 2-3, p 37	カラシナにおける酸化ストレスに関する論文。
439	Mughal,T.K., Z. Ullah, M.A. Sabri, S. Ahmad, and D. Hussain	2017	In Vitro Comparative Toxicity of Different Insecticides Against Adults of Seven Spotted Beetle, Coccinella septempunctata L. (Coleoptera: Coccinellidae)	Journal of Entomology and Zoology Studies 2017; 5(6): 498-502	EPA	#1; Appendix 2-2	④
440	Cui, Jiang-Kuan; Huang, Wen-Kun; Peng, Huan; Lv, Yan; Kong, Ling-An; Li, Hui-Xia; Luo, Shu-Jie; Wang, Yan; Peng, De-Liang	2017	Efficacy evaluation of seed-coating compounds against cereal cyst nematodes and root lesion nematodes on wheat	Plant Disease (1 Mar 2017) Volume 101, Number 3, pp. 428-433, 47 refs. CODEN: PLDIDE ISSN: 0191-2917 DOI: 10.1094/PDIS-06-16-0862-RE Published by: American Phytopathological Society, 3340 Pilot Knob Road, St. Paul, MN 55121-2097 (US)	EPA	#1; Appendix 2-2	④
441	Rios, Francesca M.; Wilcoxen, Travis E.; Zimmerman, Laura M.	2017	Effects of imidacloprid on Rana catesbeiana immune and nervous system	Chemosphere (2017), 188, 465-469	EPA	#1; Appendix 2-2	⑯b
442	Rodriguez-Gonzalez, A.; Pelaez, H. J.; Gonzalez-Nunez, M.; Casquero, P. A.	2017	Control of egg and neonate larvae of Xylotrechus arvicola (Coleoptera: Cerambycidae), a new vineyard pest, under laboratory conditions	Australian Journal of Grape and Wine Research (2017), 23(1), 112-119	EPA	#1; Appendix 2-2	⑯b

443	Oliveira, A. Da S.; Castellani, M. A.; Moreira, A. A.; Nascimento, A. S. Do; Azevedo, M. S.; Oliveira, V. G.; Da S. Oliveira, A.; Do Nascimento, A. S.	2017	Efficacy of insecticides in fruit borer control and residues on sugar apple fruit.	Revista Ceres (2017), Volume 64, Number 2, pp. 132-137 ISSN: 0034-737X DOI: 10.1590/0034-737x201764020004 Published by: Editora UFV, Universidade Federal de Vicosa, Vicosa	EPA	#1; Appendix 2-2	④
444	Simmons, William R.; Angelini, David R.	2017	Chronic exposure to a neonicotinoid increases expression of antimicrobial peptide genes in the bumblebee Bombus impatiens	Scientific Reports (2017), 7, 44773	EPA	#1; Appendix 2-2	⑯b
445	Pereira, Ana Santos; Jose Cerejeira, Maria; Daam, Michiel A.	2017	Ecological risk assessment of imidacloprid applied to experimental rice fields: Accurateness of the RICEWQ model and effects on ecosystem structure	Ecotoxicology and Environmental Safety (2017), 142, 431-440	EPA	#1; Appendix 2-2	⑱
446	Englert, Dominic; Bakanov, Nikita; Zubrod, Jochen P.; Schulz, Ralf; Bundschuh, Mirco	2017	Modeling Remobilization of Neonicotinoid Residues from Tree Foliage in Streams-A Relevant Exposure Pathway in Risk Assessment?	Environmental Science and Technology (2017), 51(3), 1785-1794	EPA	#1; Appendix 2-2	⑱
447	Mugova Fidelis; Read Daniel S; Riding Matthew J; Martin Francis L; Tyne William; Svendsen Claus; Spurgeon David	2017	PHENOTYPIC RESPONSES IN CAENORHABDITIS ELEGANS FOLLOWING CHRONIC LOW-LEVEL EXPOSURES TO INORGANIC AND ORGANIC COMPOUNDS.	Environmental toxicology and chemistry, (2017 Nov 02) . Electronic Publication Date: 2 Nov 2017	EPA NTP	#1; Appendix 2-2 #9	⑯b
448	Schrama, Maarten; Barmentlo, S. Henrik; Hunting, Ellard R.; Van Logtestijn, Richard S. P.; Vijver, Martina G.; Van Bodegom, Peter M.	2017	Pressure-Induced Shifts in Trophic Linkages in a Simplified Aquatic Food Web.	Frontiers in Environmental Science, (2017) Vol. 5, pp. Article No.: 75. E-ISSN: 2296-665X.	EPA	#1; Appendix 2-2	⑱
449	Gholamzadeh-Chitgar, Moloud; Sadegh Pourmoradi	2017	An evaluation of the effect of botanical insecticide, palizin in comparison with chemical insecticide, imidacloprid on the black citrus aphid, Toxoptera aurantii Boyer de Fonscolombe and its natural enemy, Aphidius colemani Viereck	Journal of plant protection research (2017) , Volume 57, Number 2, pp. 101-106 ISSN: 1899-007X Published by: De Gruyter Open Source Note: 2017 July 22, v. 57, no. 2	EPA	#1; Appendix 2-2	④ ⑯b
450	Sharma, Anket; Kumar, Vinod; Kumar Thukral, Ashwani; Bhardwaj, Renu	2017	24-Epibrassinolide Restores the Synthesis of Proteins and Amino Acids in Brassica juncea L. Leaves Under Imidacloprid Stress	Journal of Horticultural Research (2017), 25(2), 85-90	EPA	#1; Appendix 2-2	⑯b(カラシナにおけるタンパク及びアミノ酸合成に関しての論文)
451	Sharma Anket; Thakur Sharad; Kumar Vinod; Kesavan Anup Kumar; Thukral Ashwani Kumar; Bhardwaj Renu	2017	24-epibrassinolide stimulates imidacloprid detoxification by modulating the gene expression of Brassica juncea L.	BMC plant biology, (2017 Feb 28) Vol. 17, No. 1, pp. 56. Electronic Publication Date: 28 Feb 2017	EPA	#1; Appendix 2-2	⑯b(カラシナにおける遺伝子発現に関しての論文)
452C	Kim, Seoyoung; Lee, Hee-Seok; Park, Yooheon	2017	Perinatal exposure to low-dose imidacloprid causes ADHD-like symptoms: Evidences from an invertebrate model study	Food and Chemical Toxicology (2017), 110, 402-407	NTP	#9	⑯b

453	Bartlett, Adrienne J.; Hedges, Amanda M.; Intini, Kyna D.; Brown, Lisa R.; Maisonneuve, France J.; Robinson, Stacey A.; Gillis, Patricia L.; De Solla, Shane R.	2018	Lethal and sublethal toxicity of neonicotinoid and butenolide insecticides to the mayfly, Hexagenia spp.	Environmental Pollution (Oxford, United Kingdom) (2018), 238, 63-75	EPA	#1; Appendix 2-5, p 4	⑯b
454	Ge,J., Y. Xiao, Y. Chai, H. Yan, R. Wu, X. Xin, D. Wang, and X. Yu	2018	Sub-Lethal Effects of Six Neonicotinoids on Avoidance Behavior and Reproduction of Earthworms (Eisenia fetida)	Ecotoxicology and Environmental Safety, Volume 162, 30 October 2018, Pages 423-429	EPA	#1; Chapter 2, p 2-47 (Figure 2-25)	⑯b
455	Vieira, Carlos Eduardo Delfino; Perez, Maria Rita; Acayaba, Raphael Danna; Raimundo, Cassiana Carolina Montagner; Dos Reis Martinez, Claudia Bueno	2018	DNA damage and oxidative stress induced by imidacloprid exposure in different tissues of the Neotropical fish Prochilodus lineatus	Chemosphere (2018), 195, 125-134	EPA NTP	#1 #9	⑯b ⑱亜致死濃度での生理学的影響
456	Nnadi, J. U.; Dimelu, I. N.; Nwani, S. I.; Madu, J. C.; Atama, C. I.; Attamah, G. N.; Okwor, J. L.; Nwani, C. D.	2018	Biometric variations and oxidative stress responses in juvenile Clarias gariepinus exposed to Termex	African Journal of Aquatic Science (2018), 43(1), 27-34	EPA	#1; Chapter 2, p 2-13 (Figure 2-1)	⑭ ⑯b
457	Bovi Thais S; Zaluski Rodrigo; Orsi Ricardo O	2018	Toxicity and motor changes in Africanized honey bees (Apis mellifera L.) exposed to fipronil and imidacloprid .	Anais da Academia Brasileira de Ciencias, (2018 Jan-Mar) Vol. 90, No. 1, pp. 239-245.	EPA	#1; Chapter 2, p 2-44 (Figure 2-23), p 2-45 (Figure 2-24)	⑭ ミツバチに対する影響を調べているが、LD50は24時間後しか得られていない。
458	Cheng, Shenhang; Lin, Ronghua; Zhang, Nan; Yuan, Shankui; Zhou, Xinxin; Huang, Jian; Ren, Xiaodong; Wang, Shoushan; Jiang, Hui; Yu, Caihong	2018	Toxicity of six insecticides to predatory mite Amblyseius cucumeris (Oudemans) (Acari: Phytoseiidae) in-and off-field	Ecotoxicology and Environmental Safety (2018), 161, 715-720	EPA	#1; Chapter 2, p 2-48 (Figure 2-26)	⑯b
459	Almasi, Ali; Rasekh, Arash; Esfandiari, Mehdi; Seyahooei, Majeed Askari; Ziaee, Masumeh	2018	The prospect of using sub-lethal imidacloprid or pirimicarb and a parasitoid wasp, Lysiphlebus fabarum, simultaneously, to control Aphis gossypii on cucumber plants.	Journal of Asia-Pacific Entomology, (MAR 2018) Vol. 21, No. 1, pp. 161-167. ISSN: 1226-8615. E-ISSN: 1876-7990.	EPA	#1; Appendix 2-2	④
460	Davila, Vinicius A.; Barbosa, Wagner F.; Guedes, Raul N. C.; Cutler, G. Christopher	2018	Effects of spinosad, imidacloprid, and lambda-cyhalothrin on survival, parasitism, and reproduction of the aphid parasitoid Aphidius colemani	Journal of Economic Entomology (2018), 111(3), 1096-1103	EPA	#1; Chapter 2, p 2-48 (Figure 2-26)	⑯b
461	Boone, Michelle D.	2018	An amphibian with a contracting range is not more vulnerable to pesticides in outdoor experimental communities than common species	Environmental Toxicology and Chemistry (2018), 37(10), 2699-2704	EPA	#1; Appendix 2-3, p 25	⑯b
462	Barmentlo, S. Henrik; Schrama, Maarten; Hunting, Ellard R.; Heutink, Roel; Van Bodegom, Peter M.; De Snoo, Geert R.; Vijver, Martina G.	2018	Assessing combined impacts of agrochemicals: Aquatic macroinvertebrate population responses in outdoor mesocosms	Science of the Total Environment (2018), 631-632, 341-347	EPA	#1; Appendix 2-2	⑯b

463	Wu-Smart, Judy; Spivak, Marla	2018	Effects of neonicotinoid imidacloprid exposure on bumble bee (Hymenoptera: Apidae) queen survival and nest initiation	Environmental Entomology (8 Feb 2018) Volume 47, Number 1, pp. 55-62, 50 refs. CODEN: EVETBX ISSN: 0046-225X E-ISSN: 1938-2936 DOI: 10.1093/ee/nvx175 Published by: Entomological Society of America, 10001 Derekwood Lane, Suite 100, Lanham, MD 20706-4876 (U	EPA	#1; Chapter 2, p 2-9, 2-36, 2-45 (Figure 2-24)	⑯b
464	Ogungbemi, Afolarin O.; Van Gestel, Cornelis A. M.	2018	Extrapolation of imidacloprid toxicity between soils by exposing Folsomia candida in soil pore water	Ecotoxicology (2018) Ahead of Print	EPA	#1; Chapter 2, p 2-47 (Figure 2-25)	⑯b
465	GE, Jing; Xiao, Yuanzhuo; Chai, Yangyang; Yan, Haijuan; Wu, Ruohan; Xin, Xing; Wang, Donglan; Yu, Xiangyang	2018	Sub - lethal effects of six neonicotinoids on avoidance behavior and reproduction of earthworms (Eisenia fetida)	Ecotoxicology and Environmental Safety (2018), 162, 423-429	EPA	#1; Chapter 2, p 2-47 (Figure 2-25)	⑯b
466	Leza, Mar; Watrous, Kristal M.; Bratu, Jade; Woodard, S. Hollis	2018	y Effects of neonicotinoid insecticide exposure and monofloral diet on nest-founding bumblebee queens.	Proceedings of the Royal Society Biological Sciences Series B, (JUN 13 2018) Vol. 285, No. 1880, pp. Article No.: 20180761. ISSN: 0962-8452. E-ISSN: 1471-2954.	EPA	#1; Chapter 2, p 2-45 (Figure 2-24)	⑯b
467	Hrynyk, Morgan A.; Brunetti, Craig; Kerr, Leslie; Metcalfe, Chris D.	2018	Effect of imidacloprid on the survival of Xenopus tadpoles challenged with wild type frog virus 3	Aquatic Toxicology (2018), 194, 152-158	EPA	#1; Appendix 2-2	⑯b
468	Sohn, Lauren; Brodie, Renae J.; Couldwell, Genevieve; Demmons, Eleanor; Sturve, Joachim	2018	Exposure to a nicotinoid pesticide reduces defensive behaviors in a non - target organism, the rusty crayfish Orconectes rusticus	Ecotoxicology (2018) Ahead of Print	EPA	#1; Appendix 2-2	⑯b
469	Ozdemir, Selcuk; Altun, Serdar; Arslan, Harun	2018	Imidacloprid exposure cause the histopathological changes, activation of TNF-.alpha., iNOS, 8-OHdG biomarkers, and alteration of caspase 3, iNOS, CYP1A, MT1 gene expression levels in common carp (Cyprinus carpio L.)	Toxicology Reports (2018), 5, 125-133	EPA NTP	#1; Appendix 2-2 #9	⑱
470	Bernardes, Rodrigo Cupertino; Barbosa, Wagner Faria; Martins, Gustavo Ferreira; Lima, Maria Augusta Pereira	2018	The reduced-risk insecticide azadirachtin poses a toxicological hazard to stingless bee Partamona helleri (Friese, 1900) queens	Chemosphere (2018), 201, 550-556	EPA	#1; Appendix 2-2	⑯b
471	Pashte, Vrushali Vijaykumar; Patil, Chidanand Shivshankar Pashte, Vrushali Vijaykumar Patil, Chidanand Shivshankar	2018	Toxicity and Poisoning Symptoms of selected Insecticides to Honey Bees (Apis mellifera mellifera L.)	ARCHIVES OF BIOLOGICAL SCIENCES, (2018) Vol. 70, No. 1, pp. 5-12. ISSN: 0354-4664.	EPA	#1; Appendix 2-2	⑯c
472	Englert, Dominic; Zubrod, Jochen P.; Neubauer, Christoph; Schulz, Ralf; Bundschuh, Mirco	2018	UV-irradiation and leaching in water reduce the toxicity of imidacloprid -contaminated leaves to the aquatic leaf-shredding amphipod Gammarus fossarum	Environmental Pollution (Oxford, United Kingdom) (2018), 236, 119-125	EPA	#1; Appendix 2-2	⑱

473	Bashir, M. H.; Muhammad Zahid; Khan, M. A.; Muhammad Shahid; Khan, A. K.; Luqman Amrao	2018	Pesticides toxicity for Neoseiulus barkeri (Acari: Phytoseiidae) and non-target organisms.	Pakistan Journal of Agricultural Sciences (2018), Volume 55, Number 1, pp. 63-71, 42 refs. ISSN: 0552-9034 Published by: University of Agriculture, Faisalabad	EPA	#1; Appendix 2-2	⑯b
474	Schmidt-Jeffris, Rebecca A.; Beers, Elizabeth H.	2018	Potential impacts of orchard pesticides on Tetranychus urticae: A predator-prey perspective	Crop Protection (2018), 103, 56-64	EPA	#1; Appendix 2-2	⑯b
475	Otesbelgue, Alex; Dos Santos, Charles Fernando; Blochtein, Betina	2018	Queen bee acceptance under threat: Neurotoxic insecticides provoke deep damage in queen-worker relationships	Ecotoxicology and Environmental Safety (2018), 166, 42-47	EPA	#1; Appendix 2-2	⑯b ⑱ 1濃度、摂取量不明
476	Di Vitantonio C; Depalo L; Marchetti E; Dindo M L; Masetti A	2018	Response of the European Ladybird Adalia bipunctata and the Invasive Harmonia axyridis to a Neonicotinoid and a Reduced-Risk Insecticide.	Journal of economic entomology, (20180926) Vol. 111, No. 5, pp. 2076-2080.	EPA	#1; Appendix 2-2	⑯b
477	Ilahi, Ikram; Waqas; Ullah, Saif; Ali, Hazrat; Begum, Reema; Nawaz, Hafsa; Bibi, Hafsa; Bibi, Anila; Sardar, Fouzia; Bibi, Amia; Bibi, Fozia; Bibi, Sheema	2018	Effect of long term exposure to sublethal concentration of imidacloprid on some biochemical and haematological parameters of Grass carp and Goldfish	Pakistan Journal of Pharmaceutical Sciences (2018), 31(6, Suppl.), 2655-2660	EPA	#1; Appendix 2-2	適切に評価できる試験系で実施されていない。
478	Hook, Sharon E.; Doan, Hai; Gonzago, Debra; Musson, Dean; Du, Jun; Kookana, Rai; Sellars, Melony J.; Kumar, Anu	2018	The impacts of modern-use pesticides on shrimp aquaculture: An assessment for north eastern Australia	Ecotoxicology and Environmental Safety (2018), 148, 770-780	EPA	#1; Appendix 2-5, p 5	⑯b
479	Hao, Chunyan; Eng, Margaret L.; Sun, Fengrong; Morrissey, Christy A.	2018	Part-per-trillion LC-MS/MS determination of neonicotinoids in small volumes of songbird plasma	Science of the Total Environment (2018), 644, 1080-1087	EPA	#1; Appendix 2-2	⑱(種子摂取後の鳥(スズメ目)の血中濃度測定)
480	Emam, Hazem; Ahmed, Eman; Abdel-Daim, Mohamed	2018	Antioxidant capacity of omega-3-fatty acids and vitamin E against imidacloprid -induced hepatotoxicity in Japanese quails	Environmental Science and Pollution Research (2018) Ahead of Print	EPA	#1; Appendix 2-2	イミダクロプリドにより誘発される日本ウズラの肝毒性がオメガ―3-脂肪酸やビタミンEで緩和されるかを肝酵素を指標に調査。
481	Cheng, Shenhang; Lin, Ronghua; Wang, Limin; Qiu, Qianying; Qu, Mengmeng; Ren, Xiaodong; Zong, Fulin; Jiang, Hui; Yu, Caihong	2018	Comparative susceptibility of thirteen selected pesticides to three different insect egg parasitoid Trichogramma species	Ecotoxicology and Environmental Safety (2018), 166, 86-91	EPA	#1; Chapter 2, p 2-48 (Figure 2-26)	⑯b
482	Meikle, William G.; Adamczyk, John J.; Weiss, Milagra; Gregorc, Ales	2018	Effects of bee density and sublethal imidacloprid exposure on cluster temperatures of caged honey bees	Apidologie (2018) Ahead of Print	EPA	#1; Appendix 2-2	⑱(ミツバチの巣内密度の影響に主眼)
483	Van Dooremalen, Coby; Cornelissen, Bram; Poleij-Hok-Ahin, Chula; Blacquiere, Tjeerd Van Dooremalen, Coby; Blacquiere, Tjeerd	2018	Single and interactive effects of Varroa destructor, Nosema spp., and imidacloprid on honey bee colonies (Apis mellifera)	ECOSPHERE, (AUG 2018) Vol. 9, No. 8. ISSN: 2150-8925.	EPA	#1; Appendix 2-2	ヘギイタダニやノゼマ原虫感染ミツバチでの相互作用。
484	Mogren, Christina L.; Margotta, Joseph; Danka, Robert G.; Healy, Kristen Mogren, Christina L.; Healy, Kristen Mogren, Christina L. Danka, Robert G.	2018	Supplemental carbohydrates influence abiotic stress resistance in honey bees	JOURNAL OF APICULTURAL RESEARCH, (20 OCT 2018) Vol. 57, No. 5, pp. 682-689. ISSN: 0021-8839.	EPA	#1; Appendix 2-2	投与液中濃度(1濃度)は記載されているが、摂取量が不明。
485	Lamsa, Juho; Kuusela, Erno; Tuomi, Juha; Juntunen, Sini; Watts, Phillip C.	2018	Low dose of neonicotinoid insecticide reduces foraging motivation of bumblebees	Proceedings of the Royal Society B: Biological Sciences (2018), 285(1883), 20180506/1-20180506/9	EPA	#1; Appendix 2-2	⑱

486	Crall, James D.; Switzer, Callin M.; Oppenheimer, Robert L.; Ford Versypt, Ashlee N.; Dey, Biswadip; Brown, Andrea; Eyster, Mackay; Guerin, Claire; Pierce, Naomi E.; Combes, Stacey A.; De Bivort, Benjamin L.	2018	Neonicotinoid exposure disrupts bumblebee nest behavior , social networks, and thermoregulation	Science (Washington, DC, United States) (2018), 362(6415), 683-686	EPA	#1; Appendix 2-2	⑯b
487	Naga, K. L.; Rana, B. S.; Meena, A. K.; Jain, H. K.	2018	Evaluation of insecticides with bio-agents against natural enemies of mustard aphid.	Journal of Entomological Research (2018) , Volume 42, Number 3, pp. 369-372, 12 refs. ISSN: 0378-9519 DOI: 10.5958/0974-4576.2018.00061.0 Published by: Malhotra Publishing House, New Delhi	EPA	#1; Appendix 2-2	⑯b
488	Nyoka, Ngitheni Winnie-Kate; Kanyile, Sthandiwe Nomthandazo; Bredenhand, Emile; Prinsloo, Godfried Jacob; Voua Otomo, Patricks	2018	Biochar alleviates the toxicity of imidacloprid and silver nanoparticles (AgNPs) to Enchytraeus albidus (Oligochaeta)	Environmental Science and Pollution Research (2018), 25(11), 10937-10945	EPA	#1; Chapter 2, p 2-41 (Figure 2-21)	⑯b
489	Iqbal J; Alqarni A S; Raweh H S A	2018	Effect of Sub - lethal Doses of Imidacloprid on Learning and Memory Formation of Indigenous Arabian Bee (Apis mellifera jemenitica Ruttner) Adult Foragers.	Neotropical entomology, (2018 Nov 26) . Electronic Publication Date: 26 Nov 2018	EPA	#1; Appendix 2-2	⑭ ⑱
490	Farooq, Muzammil; Freed, Shoaib	2018	Mortality , Biological, and Biochemical Response of Musca domestica (Diptera: Muscidae) to Selected Insecticides.	Journal of Entomological Science, (JAN 2018) Vol. 53, No. 1, pp. 27-45.	EPA	#1; Chapter 2, p 2-45 (Figure 2-24)	⑯b
491	Raby, Melanie; Zhao, Xiaoming; Hao, Chunyan; Poirier, David G.; Sibley, Paul K.	2018	Relative chronic sensitivity of neonicotinoid insecticides to Ceriodaphnia dubia and Daphnia magna	Ecotoxicology and Environmental Safety (2018), 163, 238-244	EPA	#1; Chapter 2, p 2-21 (Figure 2-7)	⑯b
492	Ravaiano, Samira Veiga; Barbosa, Wagner Faria; Tome, Hudson Vaner Ventura; Campos, Lucio Antonio De Oliveira; Martins, Gustavo Ferreira	2018	Acute and oral exposure to imidacloprid does not affect the number of circulating hemocytes in the stingless bee Melipona quadrifasciata post immune challenge	Pesticide Biochemistry and Physiology (2018) Ahead of Print	EPA	#1; Appendix 2-2	⑯b
493	Iturburu, Fernando G.; Bertrand, Lidwina; Mendieta, Julieta R.; Ame, Maria V.; Menone, Mirta L.	2018	An integrated biomarker response study explains more than the sum of the parts: Oxidative stress in the fish Australoheros facetus exposed to imidacloprid	Ecological Indicators (2018), 93, 351-357	EPA	#1; Appendix 2-2	⑯b ⑰
494	Shoukat, Rana Fartab; Freed, Shoaib; Ahmad, Kanwar Waqas; Ateeq-Ur-Rehman Shoukat, Rana Fartab; Ahmad, Kanwar Waqas Ateeq-Ur-Rehman	2018	Assessment of Binary Mixtures of Entomopathogenic Fungi and Chemical Insecticides on Biological Parameters of Culex pipiens (Diptera: Culicidae) under Laboratory and Field Conditions	PAKISTAN JOURNAL OF ZOOLOGY, (FEB 2018) Vol. 50, No. 1, pp. 299-309. ISSN: 0030-9923.	EPA	#1; Appendix 2-2	⑯b
495	Accinelli, Cesare; Abbas, Hamed K.; Little, Nathan S.; Kotowicz, Jeremy K.; Shier, W. Thomas	2018	Biological control of aflatoxin production in corn using non-aflatoxigenic Aspergillus flavus administered as a bioplastic-based seed coating.	Crop Protection, (MAY 2018) Vol. 107, pp. 87-92.	EPA	#1; Appendix 2-2	⑯b

496	Hong, Xiangsheng; Zhao, Xu; Tian, Xue; Li, Jiasu; Zha, Jinmiao	2018	Changes of hematological and biochemical parameters revealed genotoxicity and immunotoxicity of neonicotinoids on Chinese rare minnows (Gobiocypris rarus)	Environmental Pollution (Oxford, United Kingdom) (2018), 233, 862-871	EPA NTP	#1; Appendix 2-2 #9	⑯b
497	Dubey, S.C.; Singh, Birendra; Tripathi, Aradhika	2018	Integrated management of wet root rot, yellow mosaic, and leaf crinkle diseases of urdbean by seed treatment and foliar spray of insecticide, fungicide, and biocontrol agent	Crop Protection (1 Oct 2018) Volume 112, pp. 269-273, 28 refs. CODEN: CRPTD6 ISSN: 0261-2194 DOI: 10.1016/j.cropro.2018.06.012 Published by: Elsevier Ltd,	EPA	#1; Appendix 2-2	④
498	Chakraborti,S., and P. Karmakar	2018	Rationalizing Pest Management in Sugarcane	Journal of Entomological Research 42(4):479	EPA	#1; Appendix 2-2	④
499	Thube,S.H., G.K. Mahapatro, and M.B. Arun Kumar	2018	In Vitro Evaluation of Insecticides, Bio-Fungicide and Bio-Fertilizer for Strategic and Eco-Friendly Combinatorial Seed Treatments in Chickpea	Proceedings of the National Academy of Sciences, India Section B: Biological Sciences volume 88, pages 645–654 (2018)	EPA	#1; Appendix 2-2	④
500	Antwi, Frank B.; Shrestha, Govinda; Reddy, Gadi V. P.; Jaronski, Stefan T. Antwi, Frank B.; Reddy, Gadi V. P. Jaronski, Stefan T.	2018	Entomopathogens in conjunction with imidacloprid could be used to manage wireworms (Coleoptera: Elateridae) on spring wheat	CANADIAN ENTOMOLOGIST, (FEB 2018) Vol. 150, No. 1, pp. 124-139. ISSN: 0008-347X.	EPA	#1; Appendix 2-2	④
501	Nelson,P.N.	2018	Conservation Biological Control in North Carolina Flue-Cured Tobacco, Focused on the Predator Jalysus wickhami Van Duzee (Hemiptera: Berytidae)	Ph.D.Thesis, North Carolina State University, Raleigh, NC:124 p.	EPA	#1; Appendix 2-6, p 3-4	④
502	Erban Tomas; Sopko Bruno; Talacko Pavel; Harant Karel; Kadlikova Klara; Halesova Tatana; Riddellova Katerina; Pekas Apostolos	2018	Chronic exposure of bumblebees to neonicotinoid imidacloprid suppresses the entire mevalonate pathway and fatty acid synthesis.	Journal of proteomics, (2018 Dec 21) . Electronic Publication Date: 21 Dec 2018	EPA	#1; Appendix 2-2	⑯b
503	Walter, D. E.; Stirling, G. R.	2018	Effect of pesticides on microarthropods in sugarcane soils	Proceedings of the Conference of the Australian Society of Sugar Cane Technologists (2018), 40th, 71-77	EPA	#1; Appendix 2-2	⑯b
504	Sharma, Anket; Kumar, Vinod; Yuan, Huwei; Kanwar, Mukesh Kumar; Bhardwaj, Renu; Thukral, Ashwani Kumar; Zheng, Bingsong	2018	Jasmonic Acid Seed Treatment Stimulates Insecticide Detoxification in Brassica juncea L.	Frontiers in Plant Science, (NOV 2 2018) Vol. 9, pp. Article No.: 1609. ISSN: 1664-462X. E-ISSN: 1664-462X.	EPA	#1; Appendix 2-2	④
505	Shakir, Shakirullah Khan; Irfan, Shahid; Akhtar, Basreen; Rehman, Shafiq Ur; Daud, Muhammad Khan; Taimur, Nadia; Azizullah, Azizullah	2018	Pesticide-induced oxidative stress and antioxidant responses in tomato (Solanum lycopersicum) seedlings	Ecotoxicology (2018) Ahead of Print	EPA	#1; Appendix 2-2	④
506	Moncaleano-Nino, Angela M.; Luna-Acosta, Andrea; Gomez-Cubillos, Maria Camila; Villamil, Luisa; Ahrens, Michael J.	2018	Cholinesterase activity in the cup oyster Saccostrea sp. exposed to chlorpyrifos, imidacloprid , cadmium and copper	Ecotoxicology and Environmental Safety (2018), 151, 242-254	EPA	#1; Appendix 2-2	⑯b

507	Tian, Xue; Yang, Wenjie; Wang, Dong; Zhao, Yue; Yao, Ruihua; Ma, Lekuan; GE, Chazhong; Li, Xiaoliang; Huang, Zeyu; He, Li; Jiao, Wentao; Lin, Aijun	2018	Chronic brain toxicity response of juvenile Chinese rare minnows (Gobiocypris rarus) to the neonicotinoid insecticides imidacloprid and nitenpyram	Chemosphere (2018), 210, 1006-1012	EPA	#1; Appendix 2-2	⑱
508	Hedau, Madhuri; Wankhede, Vaishali; Wade, M.R.	2018	Effect of Butea monosperma feeding in ameliorating the toxicity of imidacloprid in liver in Japanese quails .	Indian Journal of Animal Research, (2018) Vol. 52, No. 12, pp. 1766-1769. Refs: 17 ISSN: 0367-6722	EPA	#1; Appendix 2-2	⑱
509	Kovacevic, Vera; Simpson, Andre J.; Simpson, Myrna J.	2018	Evaluation of Daphnia magna metabolic responses to organic contaminant exposure with and without dissolved organic matter using 1H nuclear magnetic resonance (NMR)-based metabolomics	Ecotoxicology and Environmental Safety (2018), 164, 189-200	EPA	#1; Appendix 2-2	⑱
510	Alvim, Tiago Tomiama; Martinez, Claudia Bueno Dos Reis	2018	Genotoxic and oxidative damage in the freshwater teleost Prochilodus lineatus exposed to the insecticides lambda-cyhalothrin and imidacloprid alone and in combination	Mutation Research, Genetic Toxicology and Environmental Mutagenesis (2018) Ahead of Print	EPA	#1; Appendix 2-2	⑯b
511	Seide, Vanessa Eler; Bernardes, Rodrigo Cupertino; Pereira, Eliseu Jose Guedes; Lima, Maria Augusta Pereira	2018	Glyphosate is lethal and Cry toxins alter the development of the stingless bee Melipona quadrifasciata	Environmental Pollution (Oxford, United Kingdom) (2018), 243(Part_B), 1854-1860	EPA	#1; Appendix 2-2	⑯b
512	Hu, Y.-T.; Tang, C.-K.; Wu, C.-P.; Wu, P.-C.; Yang, E.-C.; Tai, C.-C.; Wu, Y.-L.	2018	Histone deacetylase inhibitor treatment restores memory-related gene expression and learning ability in neonicotinoid-treated Apis mellifera	Insect Molecular Biology (2018), 27(4), 512-521	EPA	#1; Appendix 2-2	⑱
513	Walderdorff, Louise; Laval-Gilly, Philippe; Bonnefoy, Antoine; Falla-Angel, Jairo	2018	Imidacloprid intensifies its impact on honeybee and bumblebee cellular immune response when challenged with LPS (lippopolysacharide) of Escherichia coli	Journal of Insect Physiology (2018), 108, 17-24	EPA	#1; Appendix 2-2	⑱
514	Wang, Yinghuan; Han, Yongtao; Xu, Peng; Guo, Baoyuan; Li, Wei; Wang, Xiangyun	2018	The metabolism distribution and effect of imidacloprid in chinese lizards (Eremias argus) following oral exposure	Ecotoxicology and Environmental Safety (2018), 165, 476-483	EPA	#1; Appendix 2-2	⑯b
515	Gao, Hui-Ju; Sun, Yong-Liang; Song, Gui-Zhen; Su, Bin; Zhang, Meng-Meng; Ren, Chun-Jiu; Wang, Yan-Wen	2018	Preventive effects of N-acetyl-L-cysteine against imidacloprid intoxication on Bombyx mori larvae	Archives of Insect Biochemistry and Physiology (2018) Ahead of Print	EPA	#1; Appendix 2-2	⑱
516	He Zhan; Liu Yuan; Wang Lei; Guo Qiu; Ali Shaukat; Chen Xiao-Sheng; Qiu Bao-Li	2018	Risk Assessment of Two Insecticides on Encarsia formosa, Parasitoid of Whitefly Bemisia tabaci.	Insects, (2018 Sep 11) Vol. 9, No. 3. Electronic Publication Date: 11 Sep 2018	EPA	#1; Appendix 2-2	⑯b
517	Iturburu, Fernando G.; Simoniello, Maria F.; Medici, Sandra; Panzeri, Ana M.; Menone, Mirta L.	2018	Imidacloprid Causes DNA Damage in Fish: Clastogenesis as a Mechanism of Genotoxicity	Bulletin of Environmental Contamination and Toxicology (2018) Ahead of Print	EPA	#1; Appendix 2-2	DNA損傷を調べているが、死亡は見ておらず、リスク評価に用いるエンドポイントが得られていない。
518	Hao, Zhong-Ping; Huang, Fang; Hou, Shu-Min; Yan, Feng-Ming Hao, Zhong-Ping; Hou, Shu-Min Huang, Fang Yan, Feng-Ming	2019	Varietal differences in response to imidacloprid seed treatment in germination and early seedling growth of oilseed rape	SEED SCIENCE AND TECHNOLOGY, (APR 2019) Vol. 47, No. 1, pp. 1-12. ISSN: 0251-0952.	EPA	#1; Appendix 2-3, p 43-44	④
519	Singh,N., N.S. Bhadauria, and P. Singh	2019	Bioefficacy of Plant Extracts Against Mustard Aphid and Their Natural Enemies	FLORA AND FAUNA, 2019 Vol. 25 No. 1 PP 31-33	EPA	#1; Appendix 2-2	⑯b

520	Al-Badran, Ali Abdulameer; Fujiwara, Masami; Mora, Miguel A.	2019	Effects of insecticides, fipronil and imidacloprid, on the growth, survival, and behavior of brown shrimp Farfantepenaeus aztecus	PLoS One (2019), 14(10), e0223641	EPA	#1; Chapter 2, p 2-23 (Figure 2-9); Appendix 2-3, p 14-15	⑯b
521	Naiara Gomes, Ingrid; Ingred Castelan Vieira, Kamilla; Moreira Gontijo, Lessando; Canto Resende, Helder	2019	Honeybee survival and flight capacity are compromised by insecticides used for controlling melon pests in Brazil	Ecotoxicology (2019) Ahead of Print	EPA	#1; Appendix 2-2	⑭ ⑰
522	Chara-Serna, A.M.; Epele, Luis B.; Morrissey, Christy A.; Richardson, John S.	2019	Nutrients and sediment modify the impacts of a neonicotinoid insecticide on freshwater community structure and ecosystem functioning.	Science of the Total Environment, (20 November 2019) Vol. 692, pp. 1291-1303. Refs: 99 ISSN: 0048-9697; E-ISSN: 1879-1026 CODEN: STEVA8	EPA	#1; Appendix 2-2	⑱
523	Challa, G. K.; Firake, D. M.; Behere, G. T.	2019	Bio-pesticide applications may impair the pollination services and survival of foragers of honey bee, Apis cerana Fabricius in oilseed brassica	Environmental Pollution (Oxford, United Kingdom) (2019), 249, 598-609	EPA	#1; Chapter 2, p 2-44 (Figure 2-23)	⑭ ⑯b
524	Hayasaka, Daisuke; Kobashi, Koji; Hashimoto, Koya	2019	Community responses of aquatic insects in paddy mesocosms to repeated exposures of the neonicotinoids imidacloprid and dinotefuran	Ecotoxicology and Environmental Safety (2019), 175, 272-281	EPA	#1; Appendix 2-2	⑱
525	Rezac Milan; Rezacova Veronika; Heneberg Petr	2019	Contact application of neonicotinoids suppresses the predation rate in different densities of prey and induces paralysis of common farmland spiders.	Scientific reports, (2019 Apr 05) Vol. 9, No. 1, pp. 5724. Electronic Publication Date: 5 Apr 2019	EPA	#1; Chapter 2, p 2-48 (Figure 2-26)	⑯b
526	Pazini, Juliano De Bastos; Padilha, Aline Costa; Cagliari, Deise; Bueno, Flavio Amaral; Rakes, Matheus; Zotti, Moises Joao; Martins, Jose Francisco Da Silva; Grutzmacher, Anderson Dionei	2019	Differential impacts of pesticides on Euschistus heros (Hem.: Pentatomidae) and its parasitoid Telenomus podisi (Hym.: Platygastridae)	Scientific Reports (2019), 9(1), 1-10	EPA	#1; Chapter 2, p 2-8, 2-9, 2-48 (Figure 2-26)	⑯b
527	Oliver, Rebecca; Fuhrmann, Marine; Hick, Paul	2019	Effect of air exposure , handling stress and imidacloprid on the susceptibility of Crassostrea gigas to Ostreid herpesvirus 1 (OsHV-1).	Aquaculture Environment Interactions, (2019) Vol. 11, pp. 685-699. E-ISSN: 1869-7534.	EPA	#1; Chapter 2, p 2-23 (Figure 2-9)	⑯b
528	Shan, Yuan; Yan, Saihong; Hong, Xiangsheng; Zha, Jinmiao; Qin, Jianhui	2019	Effect of imidacloprid on the behavior , antioxidant system, multixenobiotic resistance, and histopathology of Asian freshwater clams (Corbicula fluminea)	Aquatic Toxicology (2019) Ahead of Print	EPA	#1; Appendix 2-2	⑯b
529	Hong, Xiangsheng; Zha, Jinmiao	2019	Fish behavior : A promising model for aquatic toxicology research	Science of the Total Environment (2019), 686, 311-321	EPA	#1; Appendix 2-2	⑱
530	Jacob, Cynthia Renata De Oliveira; Zanardi, Odimar Zanuzo; Malaquias, Jose Bruno; Souza Silva, Carina Aparecida; Yamamoto, Pedro Takao	2019	The impact of four widely used neonicotinoid insecticides on Tetragonisca angustula (Latreille) (Hymenoptera: Apidae)	Chemosphere (2019), 224, 65-70	EPA	#1; Chapter 2, p 2-40 (Figure 2-20)	⑯b
531	Neury-Ormanni, Julie; Doose, Caroline; Majdi, Nabil; Vedrenne, Jacky; Morin, Soizic; Hoess, Sebastian; Traunspurger, Walter	2019	Tolerance of free-living nematode species to imidacloprid and diuron.	Invertebrate Biology, (DEC 2019) Vol. 138, No. 4, pp. Article No.: e12272. ISSN: 1077-8306. E-ISSN: 1744-7410.	EPA	#1; Appendix 2-2	⑯b

532	De Lima E Silva, Claudia; De Rooij, Winona; Verweij, Rudo A.; Van Gestel, Cornelis A. M.	2019	Toxicity in Neonicotinoids to Folsima candida and Eisenia andrei	Environmental Toxicology and Chemistry (2019) Ahead of Print	EPA	#1; Chapter 2, p 2-47 (Figure 2-25)	⑯b
533	Bandeira, Felipe Ogliari; Alves, Paulo Roger Lopes; Hennig, Thuanne Braulio; Schiehl, Aline; Cardoso, Elke Jurandy Bran Nogueira; Baretta, Dilmar	2019	Toxicity of imidacloprid to the earthworm Eisenia andrei and collembolan Folsomia candida in three contrasting tropical soils	Journal of Soils and Sediments (2019) Ahead of Print	EPA	#1; Chapter 2, p 2-8, 2-36, 2-41, 2-47 (Figure 2-25)	⑯b
534	Ewere, Endurance E.; Powell, Daniel; Rudd, David; Reichelt-Brushett, Amanda; Mouatt, Peter; Voelcker, Nicolas H.; Benkendorff, Kirsten	2019	Uptake, depuration and sublethal effects of the neonicotinoid, imidacloprid , exposure in Sydney rock oysters	Chemosphere (2019), 230, 1-13	EPA	#1; Appendix 2-2	⑯b
535	Macaulay, Samuel J.; Buchwalter, David B.; Matthaei, Christoph D.	2019	Water temperature interacts with the insecticide imidacloprid to alter acute lethal and sublethal toxicity to mayfly larvae	New Zealand Journal of Marine and Freshwater Research (2019) Ahead of Print	EPA	#1; Appendix 2-5, p 4	⑯b
536	Skouras, Panagiotis J.; Brokaki, Marina; Stathas, George J.; Demopoulos, Vasilios; Louloudakis, Giannis; Margaritopoulos, John T.	2019	Lethal and sub-lethal effects of imidacloprid on the aphidophagous coccinellid hippodamia variegata	Chemosphere (2019), 229, 392-400	EPA	#1; Appendix 2-6, p 4	⑯b
537	Rezac Milan; Rezacova Veronika; Heneberg Petr	2019	Neonicotinoid insecticides limit the potential of spiders to re-colonize disturbed agroecosystems when using silk-mediated dispersal.	Scientific reports, (2019 Aug 22) Vol. 9, No. 1, pp. 12272. Electronic Publication Date: 22 Aug 2019	EPA	#1; Chapter 2, p 2-48 (Figure 2-26)	⑯b
538	Addy-Orduna, Laura M.; Brodeur, Julie C.; Mateo, Rafael	2019	Oral acute toxicity of imidacloprid , thiamethoxam and clothianidin in eared doves: A contribution for the risk assessment of neonicotinoids in birds	Science of the Total Environment (2019), 650(Part_1), 1216-1223	EPA	#1; Chapter 2, p 2-27	⑭
539	Jones Asher G; Hoover Kelli; Pearsons Kirsten; Tooker John F; Felton Gary W	2019	Potential Impacts of Translocation of Neonicotinoid Insecticides to Cotton (Gossypium hirsutum (Malvales: Malvaceae)) Extrafloral Nectar on Parasitoids.	Environmental entomology, (2019 Dec 27) . Electronic Publication Date: 27 Dec 2019	EPA	#1; Appendix 2-6, p 3	⑯b
540	Booth, Steven R.; Patten, Kim; New, Leslie	2019	Response of estuarine benthic invertebrates to field applications of insecticide	Estuarine, Coastal and Shelf Science (2019), 218, 86-94	EPA	#1; Appendix 2-2	⑰
541	Americo-Pinheiro, Juliana Heloisa Pine; Da Cruz, Claudinei; Aguiar, Mario Mamede; Torres, Nadia Hortense; Ferreira, Luiz Fernando Romanholo; Machado-Neto, Joaquim Goncalves	2019	Sublethal Effects of Imidacloprid in Hematological Parameters of Tilapia (Oreochromis niloticus)	Water, Air, and Soil Pollution (2019), 230(8), 1-7	EPA	#1; Appendix 2-2	⑯b ⑱
542	Bebane P S A; Hunt B J; Pegoraro M; Jones A R C; Marshall H; Rosato E; Mallon E B	2019	The effects of the neonicotinoid imidacloprid on gene expression and DNA methylation in the buff-tailed bumblebee Bombus terrestris.	Proceedings. Biological sciences, (2019 Jun 26) Vol. 286, No. 1905, pp. 20190718. Electronic Publication Date: 19 Jun 2019	EPA	#1; Appendix 2-2	⑯b
543	Muth, F.; Leonard, A. S.	2019	A neonicotinoid pesticide impairs foraging, but not learning, in free-flying bumblebees.	Scientific Reports, (MAR 18 2019) Vol. 9, pp. Article No.: 4764. ISSN: 2045-2322. E-ISSN: 2045-2322.	EPA	#1; Appendix 2-2	⑯b

544	Kremer Aspen N; King Bethia H	2019	A Neonicotinoid Affects the Mating Behavior of Spalangia endius (Hymenoptera: Pteromalidae), a Biological Control Agent of Filth Flies.	Environmental entomology, (2019 Mar 15) . Electronic Publication Date: 15 Mar 2019	EPA	#1; Appendix 2-2	⑯b
545	James David G	2019	A Neonicotinoid Insecticide at a Rate Found in Nectar Reduces Longevity but Not Oogenesis in Monarch Butterflies, Danaus plexippus (L.). (Lepidoptera: Nymphalidae).	Insects, (2019 Sep 01) Vol. 10, No. 9. Electronic Publication Date: 1 Sep 2019	EPA	#1; Appendix 2-2	⑯b
546	Eng, Margaret L.; Stutchbury, Bridget J. M.; Morrissey, Christy A.	2019	A neonicotinoid insecticide reduces fueling and delays migration in songbirds	Science (Washington, DC, United States) (2019), 365(6458), 1177-1180	EPA	#1; Appendix 2-2	⑱(渡り鳥の渡り(移動)への影響)
547	Anderson, Nicholas L.; Harmon-Threatt, Alexandra N.	2019	Chronic contact with realistic soil concentrations of imidacloprid affects the mass, immature development speed, and adult longevity of solitary bees .	Scientific Reports, (MAR 6 2019) Vol. 9, pp. Article No.: 3724. ISSN: 2045-2322. E-ISSN: 2045-2322.	EPA	#1; Appendix 2-2	⑯b
548	Kremer, A. N.; King, B. H.	2019	Decaying organic matter does not remove sublethaleffects of imidacloprid on mating in Spalangia endius(Hymenoptera: Pteromalidae), a parasitoid of filth flies	Journal of Economic Entomology (2019), 112(5), toz156	EPA	#1; Appendix 2-2	⑯b
549	Burgess, Edwin R., IV.; Watkins, Sydney M.; King, Bethia H.; Chantos-Davidson, Karley; Kremer, Aspen N.; Tournear, Jennifer C.; Morrow, Joseph; Hagen, Timothy J.; Gaillard, Elizabeth R.	2019	Dissemination of imidacloprid through dairy cattle manure and its effect on the biological control agent, Spalangia endius (Hymenoptera: Pteromalidae), and a filth fly host, Musca domestica (Diptera: Muscidae)	Journal of Economic Entomology (2019), 112(2), 974-980	EPA	#1; Appendix 2-2	⑯b
550	Wu, Chung-Hsin; Lin, Ching-Lung; Wang, Sheue-Er; Lu, Chen-Wen	2019	Effects of imidacloprid , a neonicotinoid insecticide, on the echolocation system of insectivorous bats	Pesticide Biochemistry and Physiology (2019) Ahead of Print	EPA	#1; Appendix 2-2	⑯b
551	Butt, Abida; Talib, Rabia; Khan, Muhammad Xaaceph	2019	Effects of insecticides on the functional response of spider Oxyopes javanus against aphid Sitobion avenae	International Journal of Agriculture and Biology (2019), 22(3), 503-509	EPA	#1; Appendix 2-2	⑯b
552	Yang, Lu; Shen, Qiuxuan; Zeng, Tao; Li, Jianzhong; Li, Wei; Wang, Yinghuan	2019	Enrichment of imidacloprid and its metabolites in lizards and its toxic effects on gonads	Environmental Pollution (Oxford, United Kingdom) (2019) Ahead of Print	EPA	#1; Appendix 2-2	⑯b
553	Morales, Sinue I.; Martinez, Ana M.; Figueroa, Jose I.; Campos-Garcia, Jesus; Gomez-Tagle, Alberto; Lobit, Philippe; Smagghe, Guy; Pineda, Samuel	2019	Foliar persistence and residual activity of four insecticides of different mode of action on the predator Engytatus varians (Hemiptera: Miridae)	Chemosphere (2019), 235, 76-83	EPA	#1; Appendix 2-2	⑯b
554	Ewere, Endurance E.; Reichelt-Brushett, Amanda; Benkendorff, Kirsten	2019	Imidacloprid and formulated product impacts the fatty acids and enzymatic activities in tissues of Sydney rock oysters, Saccostrea glomerata	Marine Environmental Research (2019) Ahead of Print	EPA	#1; Chapter 2, p 2-23 (Figure 2-9)	⑯b
555	Skouras, Panagiotis J.; Stathas, George J.; Demopoulos, Vasilios; Louloudakis, Giannis; Margaritopoulos, John T.	2019	The effect of five insecticides on the predators Coccinella septempunctata and Hippodamia variegata	Phytoparasitica (2019), 47(2), 197-205	EPA	#1; Appendix 2-2	⑯b

556	Zhu, Yu Cheng; Yao, Jianxiu; Adamczyk, John	2019	Long-term risk assessment on noneffective and effective toxic doses of imidacloprid to honeybee workers	Journal of Applied Entomology (2019), 143(1-2), 118-128	EPA	#1; Appendix 2-2	⑭
557	Wang, Xing; Zhu, Xinping; Peng, Qi; Wang, Yanhua; GE, Jing; Yang, Guiling; Wang, Xinquan; Cai, Leiming; Shen, Weifeng	2019	Multi-level ecotoxicological effects of imidacloprid on earthworm (Eisenia fetida)	Chemosphere (2019), 219, 923-932	EPA	#1; Chapter 2, p 2-47 (Figure 2-25)	⑯b
558	Kenna Daniel; Cooley Hazel; Pretelli Ilaria; Ramos Rodrigues Ana; Gill Steve D; Gill Richard J	2019	Pesticide exposure affects flight dynamics and reduces flight endurance in bumblebees.	Ecology and evolution, (2019 May) Vol. 9, No. 10, pp. 5637-5650. Electronic Publication Date: 29 Apr 2019	EPA	#1; Appendix 2-2	⑯b
559	Mansoor, Muhammad Mudassir; Shad, Sarfraz Ali	2019	Resistance, its stability and reversion rate of resistance to imidacloprid , indoxacarb and chlorfenapyr in a field population of green lacewing Chrysoperla carnea (Stephens) (Neuroptera: Chrysopidae)	Archives of Phytopathology and Plant Protection (2019) Ahead of Print	EPA	#1; Appendix 2-2	⑯b
560	Zhu Yu-Cheng; Wang Yanhua; Portilla Maribel; Parys Katherine; Li Wenhong	2019	Risk and Toxicity Assessment of a Potential Natural Insecticide, Methyl Benzoate, in Honey Bees (Apis mellifera L.).	Insects, (2019 Nov 01) Vol. 10, No. 11. Electronic Publication Date: 1 Nov 2019	EPA	#1; Appendix 2-2	⑭
561	Al Naggar, Yahya; Giesy, John P.; El Kholy, Samar	2019	Sublethal effects of chronic exposure to chlorpyrifos or imidacloprid insecticides or their binary mixtures on Culex pipiens mosquitoes	Physiological Entomology (2019), 44(2), 123-132	EPA	#1; Chapter 2, p 2-21 (Figure 2-7), 2-22 (Figure 2-8)	⑯b
562	Avery,P.B., V. Kumar, E.A. Skvarch, C.M. Mannion, C.A. Powell, C.L. Mckenzie, and L.S. Osborne	2019	An Ecological Assessment of Isaria fumosorosea Applications Compared to a Neonicotinoid Treatment for Regulating Invasive Ficus Whitefly	J Fungi (Basel). 2019 Jun; 5(2): 36	EPA	#1; Appendix 2-2	④
563	Liang,Y.J., X.Q. Zhang, L. Yang, X.H. Liu, L.T. Yang, and Y.R. Li	2019	Impact of Seed Coating Agents on Single-Bud Seedcane Germination and Plant Growth in Commercial Sugarcane Cultivation	Sugar Tech volume 21, pages383–387 (2019)	EPA	#1; Appendix 2-2	④
564	Dani, Vivek D.; Lankadurai, Brian P.; Nagato, Edward G.; Simpson, Andre J.; Simpson, Myrna J.	2019	Comparison of metabolomic responses of earthworms to sub - lethal imidacloprid exposure in contact and soil tests	Environmental Science and Pollution Research (2019) Ahead of Print	EPA	#1; Appendix 2-2	⑯b
565	Fuu, Iiantao; Zhaou, Huanhuan; Anu, Yuxing; Luu, Yinglin; Chenu, Lijun; Daiu, Sixing; Gong, Hengliang; Sun, Donglei	2019	Spatial, temporal distribution and efficacy of imidacloprid via drip irrigation in sugarcane and soil applied in South China	Fresenius Environmental Bulletin (2019), 28(11A), 8540-8547	EPA	#1; Appendix 2-2	⑰
566	Sharma, Anket; Yuan, Huwei; Kumar, Vinod; Ramakrishnan, M.; Kohli, Sukhmeen Kaur; Kaur, Ravdeep; Thukral, Ashwani Kumar; Bhardwaj, Renu; Zheng, Bingsong	2019	Castasterone attenuates insecticide induced phytotoxicity in mustard	Ecotoxicology and Environmental Safety (2019), 179, 50-61	EPA	#1; Appendix 2-2	④
567	Faria, Melissa; Bedrossiantz, Juliette; Prats, Eva; Rovira Garcia, Xavier; Gomez-Canela, Cristian; Pina, Benjamin; Raldua, Demetrio	2019	Deciphering the mode of action of pollutants impairing the fish larvae escape response with the vibrational startle response assay	Science of the Total Environment (2019), 672, 121-128	EPA	#1; Appendix 2-2	⑱

568	Milosavljevic, Ivan; Esser, Aaron D.; Murphy, Kevin M.; Crowder, David W.	2019	Effects of imidacloprid seed treatments on crop yields and economic returns of cereal crops	Crop Protection (2019), 119, 166-171	EPA	#1; Appendix 2-2	④
569	Liu, Wei; Tian, Jiahua; Hou, Nannan; Yu, Na; Zhang, Yixi; Liu, Zewen	2019	Identification, genomic organization and expression pattern of glutathione transferase in Pardosa pseudoannulata	Comparative Biochemistry and Physiology, Part D: Genomics and Proteomics (2019) Ahead of Print	EPA	#1; Appendix 2-2	⑯b
570	Lukaszewicz German; Iturburu Fernando G; Garanzini Daniela S; Menone Mirta L; Pflugmacher Stephan	2019	Imidacloprid modifies the mitotic kinetics and causes both aneugenic and clastogenic effects in the macrophyte Bidens laevis L.	Heliyon, (2019 Jul) Vol. 5, No. 7, pp. e02118. Electronic Publication Date: 24 Jul 2019	EPA	#1; Appendix 2-2	⑯b
571	Li, Biao; Yang, Mei; Shi, Rui; Ye, Min	2019	Insecticidal Activity of Natural Capsaicinoids Against Several Agricultural Insects	Natural Product Communications (2019), 14(7), 1934578X19862695	EPA	#1; Appendix 2-2	⑯b
572	Lv, Yueying; Bing, Qizheng; Lv, Zhanjun; Xue, Jiangdong; Li, Siyu; Han, Bing; Yang, Qingyue; Wang, Xiaoqiao; Zhang, Zhigang	2020	Imidacloprid -induced liver fibrosis in quails via activation of the TGF-beta 1/Smad pathway.	Science of the Total Environment, (FEB 25 2020) Vol. 705, pp. Article No.: 135915.	EPA	#1; Appendix 2-3, p 30	鳥類の肝臓への影響を調べており、日本の評価に用いることが可能なエンドポイントは報告されていない。
573	Fioresi, Vinicius Sartori; Vieira, Barbara De Cassia Ribeiro; Salabert De Campos, Jose Marcello; Souza, Tatiana Da Silva	2020	Cytogenotoxic activity of the pesticides imidacloprid and iprodione on Allium cepa root meristem	Environmental Science and Pollution Research (2020) Ahead of Print	EPA	#1; Appendix 2-3, p 38-39	タマネギの根分裂に対する毒性
574	Neury-Ormanni, Julie; Doose, Caroline; Majdi, Nabil; Vedrenne, Jacky; Traunspurger, Walter; Morin, Soizic	2020	Selective grazing behaviour of chironomids on microalgae under pesticide pressure	Science of the Total Environment (2020), 730, 138673	EPA	#1; Appendix 2-2	⑱ユスリカの摂食行動への影響
575	Cunha Pereira Renata; Faria Barbosa Wagner; Pereira Lima Maria Augusta; Vieira Jose Olivio Lopes Jr; Carvalho Guedes Raul Narciso; Rodrigues Da Silva Brenda Karina; Dias Barbosa Guilherme Mateus; Lemes Fernandes Flavio	2020	Toxicity of botanical extracts and their main constituents on the bees Partamona helleri and Apis mellifera.	Ecotoxicology (London, England), (2020 Mar 13) . Electronic Publication Date: 13 Mar 2020	EPA	#1; Chapter 2, p 2-40 (Figure 2-20)	評価書に掲載されているものの、SSDに使用されておらず、評価に利用されていない。接触毒性試験は、容器に薬剤を噴霧後にミツバチを3時間放しており、ミツバチあたりの暴露量が求められない。経口毒性試験は、摂餌量が報告されておらず暴露量が不明であること、20分後に全死したとあるが、死亡発現までの時間がイミダクロプリドの投与としては極端に短いこと、0.0002-3.988ng/μLの幅広い用量で実施したにもかかわらず、用量と死亡の関係が示されておらず、用量反応性が不明であること、結果がLC50 0.09ng/beeとされておりLC/LDまたは単位に誤記があること、LD50 0.09ng/beeとすると他のミツバチを用いた各種文献等のLD50値より極端に低い値であることから、報告されている結果に対して疑義が強い。

576	Almasri, Hanine; Tavares, Daiana Antonia; Pioz, Maryline; Sene, Deborah; Tchamitchian, Sylvie; Cousin, Marianne; Brunet, Jean-Luc; Belzunces, Luc P.	2020	Mixtures of an insecticide, a fungicide and a herbicide induce high toxicities and systemic physiological disturbances in winter Apis mellifera honey bees .	Ecotoxicology and Environmental Safety, (15 October 2020) Vol. 203. arn. 111013. Refs: 97 ISSN: 0147-6513; E-ISSN: 1090-2414 CODEN: EESADV	EPA	#1; Appendix 2-2	ミツバチに対してイミダクロプリド、ジフェノコナゾール、グリホサートを単独または混合で20日間投与(60%スクロース, 0.1, 1, 10μg/L)。既存のデータから本濃度設定は死亡の増加は予想されないが、1μg/Lで死亡の有意な増加が認められている(用量反応性のない死亡の増加)。また、イミダクロプリドよりもグリホサートのほうが死亡が多い。イミダクロプリドについて濃度分析しているがGC-MS/MSで行っており、定量が可能か疑問である。以上より暴露が適切になされているか疑義がある。
577	Delpuech, Jean-Marie	2020	Superparasitism by a parasitoid wasp: The absence of sublethal effects from the neonicotinoid insecticide imidacloprid enlightens the specificity of the cholinergic pathway involved	Ecotoxicology and Environmental Safety (2020), 201, 110809	EPA	#1; Chapter 2, p 2-40 (Figure 2-20)	⑯b
578	Reid, Rebecca J.; Troczka, Bartlomiej J.; Kor, Laura; Randall, Emma; Williamson, Martin S.; Field, Linda M.; Nauen, Ralf; Bass, Chris; Davies, T. G. Emyr	2020	Assessing the acute toxicity of insecticides to the buff-tailed bumblebee (Bombus terrestris audax)	Pesticide Biochemistry and Physiology (2020) Ahead of Print	EPA	#1; Chapter 2, p 2-44 (Figure 2-23)	⑯b
579	Bandeira, Felipe Ogliari; Lopes Alves, Paulo Roger; Hennig, Thuanne Braulio; Toniolo, Tania; Natal-Da-Luz, Tiago; Baretta, Dilmar	2020	Effect of temperature on the toxicity of imidacloprid to Eisenia andrei and Folsomia candida in tropical soils	Environmental Pollution (Oxford, United Kingdom) (2020), 267, 115565	EPA	#1; Chapter 2, p 2-46, 2-47 (Figure 2-25)	⑯b
580	Hong, Yuhang; Huang, Yi; Wu, Shu; Yang, Xiaozhen; Dong, Yanzhen; Xu, Dayong; Huang, Zhiqiu	2020	Effects of imidacloprid on the oxidative stress, detoxification and gut microbiota of Chinese mitten crab, Eriocheir sinensis	Science of the Total Environment (2020), 729, 138276	EPA	#1; Appendix 2-2	⑯b
581	Butcherine, Peter; Kelaher, Brendan P.; Taylor, Matthew D.; Barkla, Bronwyn J.; Benkendorff, Kirsten	2020	Impact of imidacloprid on the nutritional quality of adult black tiger shrimp (Penaeus monodon)	Ecotoxicology and Environmental Safety (2020) Ahead of Print	EPA	#1; Chapter 2, p 2-23 (Figure 2-9)	⑱
582	Naiel, Mohammed A. E.; Ismael, Nahla E. M.; Abd El-Hameed, Samah A. A.; Amer, Mahmoud S.	2020	The antioxidative and immunity roles of chitosan nanoparticle and vitamin C-supplemented diets against imidacloprid toxicity on Oreochromis niloticus	Aquaculture (2020), 523, 735219	EPA	#1; Appendix 2-3, p 2	⑭ ⑯b 96h LC50は0.109μg/Lとされているが、EPA評価書は0.109mg/Lの可能性を指摘している。
583	Karmakar, Prasun; Shera, P. S.	2020	Lethal and sublethal effects of insecticides used in cotton crop on the mealybug endoparasitoid Aenasius arizonensis	International Journal of Pest Management (2020), 66(1), 13-22	EPA	#1; Chapter 2, p 2-48 (Figure 2-26)	⑯b
584	Heneberg, Petr; Bogusch, Petr; Astapenkova, Alena; Rezac, Milan	2020	Neonicotinoid insecticides hinder the pupation and metamorphosis into adults in a crabronid wasp	Scientific Reports (2020), 10(1), 7077	EPA	#1; Chapter 2, p 2-48 (Figure 2-26)	⑯b

585	Syromyatnikov, Mikhail Y.; Gureev, Artem P.; Starkova, Natalia N.; Savinkova, Olga V.; Starkov, Anatoly A.; Lopatin, Alexey V.; Popov, Vasily N.	2020	Method for detection of mtDNA damages for evaluating of pesticides toxicity for bumblebees (Bombus terrestris L.)	Pesticide Biochemistry and Physiology (2020), 169, 104675	EPA	#1; Appendix 2-2	⑯b
586	Ahmed Mohamed Ahmed Ibrahim; Othman Aly Abd-Elhameed	2020	Piperonyl Butoxide Enhances the Insecticidal Toxicity of Nanoformulation of Imidacloprid on Culex pipiens (Diptera: Culicidae) Mosquito.	Vector borne and zoonotic diseases (Larchmont, N.Y.), (20200200) Vol. 20, No. 2, pp. 134-142. Electronic Publication Date: 13 Aug 2019	EPA	#1; Appendix 2-5, p 4	⑯b
587	Hussain, Muhammad Jaffar; Aqueel, Muhammad Anjum; Abu Bakar; Raza, Muhammad; Abbas, Saqi Kosar	2020	Laboratory evaluation of different insecticides against Brevicoryne brassicae and its parasitoid, Diaeretiella rapae (Hymenoptera: Braconidae: Aphidiinae)	Pure and Applied Biology (2020), 9(1), 256-268	EPA	#1; Appendix 2-2	⑯b
588	Burgess Edwin R; King B H	2020	A Field-Relevant Concentration of the Insecticide Imidacloprid Affects Grooming, Locomotion, and Longevity in the Biological Control Agent Spalangia endius (Hymenoptera: Pteromalidae).	Environmental entomology, (20200613) Vol. 49, No. 3, pp. 566-571.	EPA	#1; Appendix 2-2	⑯b
589	Lekvongphiboon, Pakorn; Praphairaksit, Nalena	2020	Combined toxicity of imidacloprid and cadmium on histopathology and acetylcholinesterase activity in aquatic oligochaetes (Tubifex tubifex Muller, 1774)	Environmental Geochemistry and Health (2020) Ahead of Print	EPA	#1; Appendix 2-5, p 5	⑯b
590	Hasan, Fazil; Mahboob, Shahid; Al-Ghanim, Khalid A.; Al-Misned, Fahad; Dhillon, Mukesh K.; Manzoor, Uzma	2020	Ecotoxicity of neonicotinoids and diamides on population growth performance of Zygogramma bicolorata (Coleoptera: Chrysomelidae)	Ecotoxicology and Environmental Safety (2020), 203, 110998	EPA	#1; Appendix 2-2	⑯b
591	Phelps, Jordan D.; Strang, Caroline G.; Sherry, David F.	2020	Imidacloprid impairs performance on a model flower handling task in bumblebees (Bombus impatiens)	Ecotoxicology (2020), 29(3), 359-374	EPA	#1; Appendix 2-2	⑯b
592	Barraud, A.; Vanderplanck, M.; Nadarajah, S.; Michez, D.	2020	The impact of pollen quality on the sensitivity of bumblebees to pesticides.	Acta Oecologica (2020), Volume 105 ISSN: 1146-609X DOI: 10.1016/j.actao.2020.103552 Published by: Elsevier Masson, Paris	EPA	#1; Appendix 2-2	⑯b
593	Contardo-Jara, Valeska; Gessner, Mark O.	2020	Uptake and physiological effects of the neonicotinoid imidacloprid and its commercial formulation Confidor in a widespread freshwater oligochaete	Environmental Pollution (Oxford, United Kingdom) (2020), 264, 114793	EPA	#1; Appendix 2-2	⑯b
594	Morales, Sinue I.; Martinez, Ana M.; Vinuela, Elisa; Figueroa, Jose I.; Tamayo, Fernando; Rodriguez-Leyva, Esteban; Pineda, Samuel	2020	Parasitism, host feeding, and transgenerational effects of three insecticides on the eulophid parasitoid Tamarixia triozae when exposed in the immature stages	Environmental Science and Pollution Research (2020), 27(16), 19473-19483	EPA	#1; Appendix 2-2	⑯b

595	Gharaei, A.; Karimi, M.; Harijani, J. M.; Miri, M.; Faggio, C.	2020	Population growth of Brachionus calyciflorus affected by deltamethrin and imidacloprid insecticides.	Iranian Journal of Fisheries Sciences (2020) , Volume 19, Number 2, pp. 588-601, many ref. ref. ISSN: 1562-2916 DOI: 10.22092/ijfs.2018.117180 Published by: Iranian Fisheries Science Research Institute, Tehran	EPA	#1; Appendix 2-2	⑯b
596	Hussain, Ghulam; Asrar, Muhammad; Hussain, Dilbar; Khurum Zia; Rashid, Abdul; Anwar, Hina; Azeem, Muhammad; Hussain, Saddam; Sabeen Asghar	2020	The Comparative Toxicity of some Insecticides and Plant Extracts against Cotton Mealy Bug (Phenacocccus solenopsis)	Pakistan Journal of Agricultural Research, Vol. 33, No. 1, 20200331 ISSN: 0251-0480 E-ISSN: 2227-8311 Published by: AsiaNet Pakistan (Pvt) Ltd., Islamabad	EPA	#1; Appendix 2-2	④
597	Pandya, Parth; Parikh, Pragna; Ambegaonkar, Ankita Pandya, Parth Pandya, Parth Parikh, Pragna; Ambegaonkar, Ankita	2020	Evaluating the toxic potential of agrochemicals on the hypothalamic-pituitary-thyroid axis in tilapia (Oreochromis mossambicus)	JOURNAL OF APPLIED ICHTHYOLOGY, (26 2020 JAN 2020) . ISSN: 0175-8659.	EPA	#1; Appendix 2-2	⑯b ⑱亜致死濃度での生理学的影響
598	Tian, Xue; Hong, Xiangsheng; Yan, Saihong; Li, Xiaoliang; Wu, Huihui; Lin, Aijun; Yang, Wenjie	2020	Neonicotinoids caused oxidative stress and DNA damage in juvenile Chinese rare minnows (Gobiocypris rarus)	Ecotoxicology and Environmental Safety (2020), 197, 110566	EPA	#1; Appendix 2-2	⑱
599	Zhang, Xiaoni; Chen, Lingyun; Leng, Ruyue; Zhang, Jian; Zhou, Yuhang; Zhang, Yuying; Yang, Silin; He, Kan; Huang, Bei	2020	Mechanism study of the beneficial effect of sodium selenite on metabolic disorders in imidacloprid -treated garlic plants	Ecotoxicology and Environmental Safety (2020), 200, 110736	EPA	#1; Appendix 2-2	④
600	Joseph, Shimat V.	2020	Repellent effects of insecticides on Stephanitis pyrioides Scott (Hemiptera: Tingidae) under laboratory conditions	Crop Protection (2020), 127, 104985	EPA	#1; Appendix 2-2	④
601	Marcal, R.; Pacheco, M.; Guilherme, S.	2020	DNA of crayfish spermatozoa as a target of waterborne pesticides - An ex vivo approach as a tool to short-term spermiotoxicity screening	Journal of Hazardous Materials (2020), 400, 123300	EPA	#1; Appendix 2-2	⑱
602	Sharma, Anamika; Jaronski, Stefan; Reddy, Gadi V. P. Sharma, Anamika Sharma, Anamika Jaronski, Stefan Reddy, Gadi V. P.	2020	Impact of granular carriers to improve the efficacy of entomopathogenic fungi against wireworms in spring wheat	JOURNAL OF PEST SCIENCE, (2020 JAN 2020) Vol. 93, No. 1, pp. 275-290. ISSN: 1612-4758.	EPA	#1; Appendix 2-2	⑯b
603	Astaykina, A. A.; Streletskii, R. A.; Maslov, M. N.; Belov, A. A.; Gorbatov, V. S.; Stepanov, A. L.	2020	The impact of pesticides on the microbial community of agrosoddy-podzolic soil.	Eurasian Soil Science (2020) , Volume 53, Number 5, pp. 696-706, 53 refs. ISSN: 1064-2293 DOI: 10.1134/S1064229320050038 Published by: Pleiades Publishing, Moscow	EPA	#1; Appendix 2-2	⑯b
604	Ewere, Endurance E.; Reichelt-Brushett, Amanda; Benkendorff, Kirsten	2020	The neonicotinoid insecticide imidacloprid , but not salinity, impacts the immune system of Sydney rock oyster, Saccostrea glomerata	Science of the Total Environment (2020), 742, 140538	EPA	#1; Appendix 2-2	⑯b
605	Marques, R D; Lima, M A P; Bernardes, R C	2020	Spinosad-Based Formulation Reduces the Survival and Alters the Behavior of the Stingless Bee Plebeia lucii	Neotropical entomology (Aug 2020) , Volume 49, Number 4, pp. 578-585, 8 p. ISSN: 1519-566X Source Note: 202008, v. 49, no. 4	EPA	#1; Appendix 2-2	⑯b

a: 以下の記号を付した文献は2023年12月の改訂時に本表に追加したもの。

A 海外評価引用文献として新たに収集したもの

B 従来第1段階で適合性なしとしていたもの

C 従来別添2にリストしていたもの

b: 数字および記号は3(1)及び(2)に記載した判断理由を示す。

#1: EPA, draft Biological Evaluation, 2021

#2: EPA, Final Bee Risk Assessment to Support the Registration Review of Imidacloprid, 2020

#3: EFSA, Peer review of the pesticide risk assessment for bees for the active substance imidacloprid considering the uses as seed treatments and granules, 2018

#4: EFSA, Conclusion on the peer review of the pesticide risk assessment for bees for the active substance imidacloprid considering all uses other than seed treatments and granules, 2015

#5: EFSA, Scientific Opinion on the developmental neurotoxicity potential of acetamiprid and imidacloprid, 2014

#9: NTP, Research Report on the Scoping Review of Potential Human Health Effects Associated with Exposures to Neonicotinoid Pesticides, 2020

#10: EFSA, Draft Assessment Report (DAR), 2005 (Addendum含む)

別添 4-2-4

海外評価引用文献のうち適合性なしと判断した論文：環境動態

No.[a]	著者	出版年	論文表題	掲載誌名、号、ページ等	評価機関	評価書情報(発行年等)	判断理由[b]
1A	Troeltzsch, C. M.; Fuehr, F.; Wieneke, J.; Elbert, A.	1994	Influence of various irrigation procedures on the uptake of imidacloprid by cotton after seed treatment.	Pflanzenschutz-Nachrichten Bayer (English ed.) (1994), Volume 47, Number 3, pp. 241-292, 14 refs. ISSN: 0170-0405	EFSA	#4	日本で登録のない作物における灌水条件の違いによる土壌からの吸収の違いを調査を目的としており、日本での評価には使用されない。
2A	Leib, B. G.; Jarrett, A. R.; Orzolek, M. D.; Mumma, R. O.	1997	Reduced potential for water quality degradation when Admire is applied via drip irrigation under plastic mulch.	Paper - American Society of Agricultural Engineers (1997), Number 972107, 17 p., 15 refs. ISSN: 0149-9890 Published by: American Society of Agricultural Engineers	EFSA	#4	日本における使用方法と異なるイミダクロプリド灌注とマルチシートによる収量等を調べており④
3A	Felsot, A. S.; Cone, W.; Hu, J.; Ruppert, J. R.	1998	Distribution of imidacloprid in soil following subsurface drip chemigation.	Bull. Environ. Contam. Toxicol., Volume 60, Issue 3, Page 363-370, Publication Year 1998	EFSA	#4	日本における使用方法と異なるイミダクロプリド灌注後の土壌における分布を調べており⑰
4A	Hellpointner, E.	1998	Lysimeter study of imidacloprid after seed treatment of sugar beet in two crop rotations.	ACS Symp. Ser., Volume 699, Issue Lysimeter Concept: Environmental Behavior of Pesticides, Page 40-51, Publication Year 1998	EFSA	#4	ドイツにおけるリーチング試験であり⑰
5A	El-Hamady, S. E. E.; Sholoa, M. K. A. A.	1999	Field evaluation of imidacloprid applied as seed treatment to control Thrips tabaci Lind on cotton with regard to soil pollution .	Arab Universities Journal of Agricultural Sciences (1999), Volume 7, Number 2, pp. 561-574, 28 refs.	EFSA	#4	綿への種子処理によるアザミウマに対する効果及び土壌濃度を調べているが、日本の使用方法及び環境に適合しないため⑰、④
6A	Gonzalez-Pradas, E.; Flores-Cespedes, F.; Urena-Amate, M. D.; Fernandez-Perez, M.; Garratt, J.; Wilkins, R.	2000	Leaching and persistence of imidacloprid and diuron in a citrus crop in Valencia.	Fresenius Environ. Bull., Volume 9, Issue 9/10, Page 638-645, Publication Year 2000	EFSA	#4	スペインにおけるリーチング及び土壌残留性であり⑰
7A	Felsot, A. S.; Evans, R. G.; Tallman, L. C.	2000	Soil distribution and plant uptake of imidacloprid under drip and furrow irrigation. ASAE Publication 701P0004	National irrigation symposium. Proceedings of the 4th Decennial Symposium, Phoenix, Arizona, USA, November 14-16, 2000. (2000), pp. 416-427, 6 refs. ISBN: 1-892769-13-1 Published by: American Society of Agricultural Engineers, St Joseph Conference: National irrigation symposium. Proceedings of the 4th Decennial Symposium, Phoenix, Arizona, USA, November 14-16, 2000.	EFSA	#4	日本における使用方法と異なるイミダクロプリド灌注後の土壌における分布を調べており⑰
8A	Leib, B. G.; Jarrett, A. R.; Orzolek, M. D.; Mumma, R. O.	2000	Drip chemigation of imidacloprid under plastic mulch increased yield and decreased leaching caused by rainfall.	Transactions of the ASAE (2000), Volume 43, Number 3, pp. 615-622, 32 refs. ISSN: 0001-2351	EFSA	#4	日本における使用方法と異なるイミダクロプリド灌注後の収量及びリーチングを調べており⑰
9A	Beek, B. et al.	2001	The assessment of biodegradation and persistence	The handbook of Environmental Chemistry	EFSA	#10	ハンドブックであり⑧
10A	Gonzalez-Pradas, Emilio; Urena-Amate, Maria Dolores; Flores-Cespedes, Francisco; Fernandez-Perez, Manuel; Garratt, James; Wilkins, Richard.	2002	Leaching of imidacloprid and procymidone in a greenhouse southeast of Spain.	Soil Sci. Soc. Am. J., Volume 66, Issue 6, Page 1821-1828, Publication Year 2002	EFSA	#4	スペインにおけるリーチング及び土壌残留性であり⑰

11A	Armbrust, Kevin L.; Peeler, Harold B.	2002	Effects of formulation on the run-off of imidacloprid from turf.	Pest Manage. Sci., Volume 58, Issue 7, Page 702-706, Publication Year 2002	EFSA	#4	芝からの流出を調べているが、日本における要求試験法と異なるため、評価に利用できない。
12A	Kalpana; Gajbhiye, V. T.; Agnihotri, N. P.	2002	Persistence and leaching of imidacloprid in soil.	Annals of Plant Protection Sciences (2002), Volume 10, Number 1, pp. 176-178, 11 refs. ISSN: 0971-3573 Published by: Society of Plant Protection Sciences, New Delhi	EFSA	#4	シロアリ使用を想定した土壌動態をインドで調べており、日本の農薬の評価に利用できない。
13A	Scorza Junior, R. P.	2002	Pesticide leaching in macroporous clay soils: field experiment and modeling.	Pesticide leaching in macroporous clay soils: field experiment and modeling (2002), 234 p. ISBN: 90-5808-745-X Published by: Wageningen Universiteit (Wageningen University), Wageningen	EFSA	#4	オランダの圃場条件で行われており⑰
14A	Segura Carretero, A.; Cruces-Blanco, C.; Perez Duran, S.; Fernandez Gutierrez, A.	2003	Determination of imidacloprid and its metabolite 6 - chloronicotinic acid in greenhouse air by application of micellar electrokinetic capillary chromatography with solid-phase extraction	Journal of Chromatography, A (2003), 1003(1-2), 189-195	EFSA	#4	気中濃度測定法であり⑤
15A	Greatti, Moreno [Reprint Author]; Sabatini, Anna Gloria; Barbattini, Renzo; Rossi, Simona; Stravisi, Antonella	2003	Risk of environmental contamination by the active ingredient imidacloprid used for corn seed dressing. Preliminary results.	Bulletin of Insectology, (June 2003) Vol. 56, No. 1, pp. 69-72. print. Meeting Info.: 8th International Symposium of the ICP-BR Bee Protection Group on Hazards of Pesticides to Bees. Bologna, Italy. September 04-06, 2002. ISSN: 1721-8861 (ISSN print).	EFSA	#4	種子処理したとうもろこし種子を播種する際のイミダクロプリドの気中への放出を調べたものであり、日本における使用方法と異なるため⑰
16A	Leib, Brian G. [Reprint Author]; Jarrett, Albert R.	2003	Comparing soil pesticide movement for a finite-element model and field measurements under drip chemigation.	Computers and Electronics in Agriculture, (January 2003) Vol. 38, No. 1, pp. 55-69. print. ISSN: 0168-1699.	EFSA	#4	日本における使用方法と異なるイミダクロプリド灌注後の土壌における分布を調べており⑰
17A	Smelt, J. H.; Scorza Junior, R. P.; Hendriks, R. F. A.; Boesten, J. J. T. I.	2003	Preferential transport of imidacloprid in a cracking clay soil.	Pestic. Air, Plant, Soil Water Syst., Proc. Symp. Pestic. Chem., 12th, Page 319-326, Publication Year 2003	EFSA	#4	オランダの圃場条件で行われており⑰
18A	Singh, Jitendra; Singh, D. K.	2004	Persistence of imidacloprid, diazinon and lindane in soil under groundnut (Arachis hypogaea L.) cultivation.	Pestic. Res. J., Volume 16, Issue 1, Page 66-70, Publication Year 2004	EFSA	#4	インドにおける土壌残留性であり⑰
19A	Scorza Junior, Romulo Penna; Smelt, Johan H.; Boesten, Jos J. T. I.; Hendriks, Rob F. A.; Van Der Zee, Sjoerd E. A. T. M.	2004	Preferential flow of bromide, bentazon, and imidacloprid in a Dutch clay soil.	J. Environ. Qual., Volume 33, Issue 4, Page 1473-1486, Publication Year 2004	EFSA	#4	オランダの圃場条件で行われており⑰
20	Zhou, Qingxiang; Ding, Yujie; Xiao, Junping	2006	Sensitive determination of thiamethoxam, imidacloprid and acetamiprid in environmental water samples with solid-phase extraction packed with multiwalled carbon nanotubes prior to high-performance liquid chromatography	Analytical and Bioanalytical Chemistry (2006), 385(8), 1520-1525	EFSA	#4; p 22, 33, 90, 228, 337-338, 540	海外モニタリングであり、日本における評価に利用できない。

21	Mulrooney, J. E.; Davis, M. K.; Wagner, T. L.; Ingram, R. L.	2006	Persistence and efficacy of termiticides used in preconstruction treatments to soil in Mississippi	Journal of Economic Entomology (2006), 99(2), 469-475	EFSA	#4; p 38, 108, 443	農薬に関する文献ではない。
22	Triantafyllidis, Vassilios; Hela, Dimitra; Dimopoulos, Panayiotis; Albanis, Triantafyllos	2006	Imidacloprid losses in surface runoff from plots cultivated with tobacco	International Journal of Environmental Analytical Chemistry (2006), 86(3-4), 185-194	EFSA	#4; p 38, 108, 443-445	⑰
23	Lamers, Marc; Anyusheva, Maria; La, Nguyen; Nguyen, Van Vien; Streck, Thilo	2011	Pesticide pollution in surface-and groundwater by Paddy Rice cultivation: A case study from northern Vietnam	Clean: Soil, Air, Water (2011), 39(4), 356-361	EFSA	#4; p 103, 400-401	⑰
24	Delorenzo, Marie E.; Thompson, Brian; Cooper, Emily; Moore, Janet; Fulton, Michael H.	2012	A long-term monitoring study of chlorophyll, microbial contaminants, and pesticides in a coastal residential stormwater pond and its adjacent tidal creek.	Environ. Monit. Assess., Volume 184, Issue 1, Page 343-359, Publication Year 2012	EFSA	#4; p 36, 103, 400	海外モニタリングであり、日本における評価に利用できない。
25	Starner, Keith; Goh, Kean S.	2012	Detections of the Neonicotinoid Insecticide Imidacloprid in Surface Waters of Three Agricultural Regions of California, USA, 2010-2011.	Bull. Environ. Contam. Toxicol., Volume 88, Issue 3, Page 316-321, Publication Year 2012	EFSA	#4; p 36, 102, 397	海外モニタリングであり、日本における評価に利用できない。
26	Knoepp, Jennifer D.; Vose, James M.; Michael, Jerry L.; Reynolds, Barbara C.	2012	Imidacloprid movement in soils and impacts on soil microarthropods in southern Appalachian eastern hemlock stands	Journal of Environmental Quality (2012), 41(2), 469-478	EFSA	#4; p 36, 102, 396-397	⑯b ⑰
27	Ensminger, Michael P.; Budd, Robert; Kelley, Kevin C.; Goh, Kean S.	2013	Pesticide occurrence and aquatic benchmark exceedances in urban surface waters and sediments in three urban areas of California, USA, 2008-2011	Environmental Monitoring and Assessment (2013), 185(5), 3697-3710	EFSA	#4; p 38, 108, 438	⑰
28	Rafique, Nazia; Tariq, Saadia R.; Abbas, Mateen	2014	Effect of Fe2+ amendment on photodegradation kinetics of imidacloprid in moist soil	Environmental Earth Sciences (2014), 71(6), 2869-2874	EFSA	#3; Appendix C, p 209	⑱(土壌表面光での光増感作用)
29	Sharma, Smriti; Singh, Balwinder; Gupta, V. K.	2014	Assessment of imidacloprid degradation by soil-isolated Bacillus alkalinitrilicus	Environmental Monitoring and Assessment (2014) Ahead of Print	EFSA	#3; Appendix C, p 300	⑱
30	Main, Anson R.; Headley, John V.; Peru, Kerry M.; Michel, Nicole L.; Cessna, Allan J.; Morrissey, Christy A.	2014	Widespread use and frequent detection of neonicotinoid insecticides in wetlands of Canadas Prairie Pothole Region	PLoS One (2014), 9(3), e92821/1-e92821/12, 12 pp.	EFSA	#4; p 31, 79, 245-246	⑰
31	Mohammed, Youssef M. M.; Badawy, Mohammed E. I.	2017	Biodegradation of imidacloprid in liquid media by an isolated wastewater fungus Aspergillus terreus YESM3	Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants, and Agricultural Wastes (2017) Ahead of Print	EPA	#1; Appendix 2-2	⑱(真菌による生物学的分解)
32	Miles, Jesse C.; Hua, Jessica; Sepulveda, Maria S.; Krupke, Christian H.; Hoverman, Jason T.	2017	Effects of clothianidin on aquatic communities: evaluating the impacts of lethal and sublethal exposure to neonicotinoids	PLoS One (2017), 12(3), e0174171/1-e0174171/24	EPA	#6; p 13	毒性試験はクロチアニジンで行われている。イミダクロプリドを含めた土壌及び水のモニタリングが行われているが、海外モニタリングであり、日本における評価に利用できない。

a: 以下の記号を付した文献は2023年12月の改訂時に本表に追加したもの。

A 海外評価引用文献として新たに収集したもの

b: 数字および記号は3(1)及び(2)に記載した判断理由を示す。

#1: EPA, draft Biological Evaluation, 2021

#3: EFSA, Peer review of the pesticide risk assessment for bees for the active substance imidacloprid considering the uses as seed treatments and granules, 2018

#4: EFSA, Conclusion on the peer review of the pesticide risk assessment for bees for the active substance imidacloprid considering all uses other than seed treatments and granules, 2015

#6: EPA, Imidacloprid Proposed Interim Registration Review Decision Case Number 7605, 2020

#10: EFSA, Draft Assessment Report (DAR), 2005 (Addendum含む)