Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
391.	He, H.Y., Mo, J.C., Cheng, M.L.	2005	Studies on cross-resistance and resistance inheritance of Culex pipiens pallens to fenvalerate	Zhongguo Meijieshengwuxue ji Kongzhi Zazhi = Chinese Journal of Vector Biology and Control (2205) Vol. 16.5, pp. 336-338	N	N/A	N/A	Insecticide resistance study
392.	He, Y.X., Liang, Z.S., Lin, G.J., Wu, D.D., Huang, J.	2006	Bioassay for neonicotinoid resistance in adults of Bemisia tabaci	Journal of Fujian Agriculture and Forestry University (Natural Science Edition) (2006) Vol. 35(2), pp. 143-146	N	N/A	N/A	Insecticide resistance study
393.	He, Y.X., Weng, Q.Y., Huang, J., Liang, Z-S., Lin, G-J., Wu, D-D.	2007	Insecticide resistance of Bemisia tabaci field populations	The Journal of Applied Ecology (2007) Vol. 18(7), pp. 1578-82	N	N/A	N/A	Insecticide resistance study
394.	He, Q., Zhao, J., Kong, X-H., Li, J-H., Yue, A-S.	2008	Determination of residual carbendazim, thiabendazole, imidacloprid and acetamiprid in apple and apple juice concentrate by HPLC	Fenxi Shiyanshi (2008) Vol. 27, No. 6, pp. 64-67	N	N/A	N/A	Analytical detection of residues in foodstuffs
395.	He, J., Liu, Y., Fan, M., Liu, X.	2011	Isolation and identification of the DNA aptamer target to acetamiprid	Journal of Agricultural and Food Chemistry (2011) Vol. 59(5), pp. 1582-1586	N	N/A	N/A	Isolation and identification of DNA aptamer target
396.	Hemmerling, C., Augustyniak, B., Maye, A., Seidl, G., Warschewske, G.	2009	Multi-residual methods for pesticide analysis in food control. Potentials and limitations. Part 1: comparison of methods	Deutsche Lebensmittel-Rundschau (2009) Vol. 105(4), pp. 245-252	N	N/A	N/A	Analytical detection of residues in foodstuffs
397.	Hercegová, A., Dömötrörova, M., Hrouzkova, S., Matisová, E.	2007	Study on pesticide residues in apples, apple-based baby food, and their behaviour during processing using fast GC-MS multiresidue analysis	International Journal of Environmental Analytical Chemistry (2007) Vol. 87(13-14), pp. 957-969	N	N/A	N/A	Analytical detection of residues in foodstuffs

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
398.	Herron, G.A., James, T.M.	2007	Insecticide resistance in Australian populations of Western Flower Thrips, Frankliniella occidentalis (Pergande) (Thysanoptera: Thripidae)	General and Applied Entomology (2007) Vol. 36, pp. 1-5	N	N/A	N/A	Insecticide resistance study
399.	Herron, G.A., Wilson, L.J.	2011	Neonicotinoid resistance in Aphis gossypii Glover (Aphididae: Hemiptera) from Australian cotton	Australian Journal of Entomology (2011) Vol. 50, pp. 93-98	N	N/A	N/A	Insecticide resistance study
400.	Hjorth, K., Johansen, K., Holen, B., Andersson, A., Christensen, H.B., Siivinen, K., Toome, M.	2011	Pesticide residues in fruits and vegetables from South America - A Nordic project	Food Control (2011) Vol. 22(11), pp. 1701-1706	N	N/A	N/A	Detection of residue levels in foodstuffs but is not actual residues trials
401.	Hodaj, M., Olszak, R.W., Gorzka, D.	2012	Study on the effectiveness of insecticides applied to eliminate green apple aphid (Aphis pomi De Geer, Aphididae, Homoptera) in apple cultivation in Poland	Progress in Plant Protection (2012) Vol. 52.2, pp. 226-228	N	N/A	N/A	Efficacy study
402.	Hoffmann, E.J., Vandervoort, C., Wise, J.C.	2009	Curative activity of insecticides against plum curculio (Coleptera: Curculionidae) in tart cherries	Journal of Economic Entomology (2009) Vol. 102(5), pp. 1864-1873	N	N/A	N/A	Efficacy study
403.	Hoffmann, E.J., Vandervoort, C., Wise, J.C.	2010	Plum curculio (Coleoptera: Curculionidae) adult mortality and associated fruit injury after exposure to field-aged insecticides on tart cherry branches	Journal of Economic Entomology (2010) Vol. 103(4), pp. 1196-1205	N	N/A	N/A	Efficacy study

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404.	Höhn, H., Walder, R., Mühlenz, I., Samietz, J., Linder, C.	2012	Control of the cherry fruit fly: alternatives to dimethoate	Revue Suisse de Viticulture, Arboriculture et Horticulture (2012) Vol. 44.3, pp. 152-158	N	N/A	N/A	Efficacy study
405.	Honda, H., Tomizawa, M., Casida, J.E.	2006	Neo-nicotionoid metabolic activation and inactivation established with coupled nicotinic receptor-CYP3A4 and –aldehyde oxidase systems	Toxicol Lett. (2006) Vol. 161(2), pp. 108-14	N	N/A	N/A	Mechanism of resistance study
406.	Horgan, A.R.	2007	Acetamiprid: novel neonicotinoid systemic insecticide	Aspects of Applied Biology (2007) Vol. 83, pp. 47-49	N	N/A	N/A	Background on acetamiprid
407.	Horn, A.	2004	Complex integrated management on the base of multi-year experiences of Summit-Agro Hungaria Ltd. against Diabrotica virgifera	In 9. Tiszántúli Növényvédelmi Fórum, 20-21 October 2004, Debrecen, Hungary	N	N/A	N/A	Agronomy study
408.	Horowitz, A.R., Kontsedalov, S., Khasdan, V., Ishaaya, I.	2005a	Biotypes B and Q of Bemisia tabaci and their relevance to neonicotinoid and pyriproxyfen resistance	Archives of Insect Biochemistry and Physiology (2005) Vol. 58(4), pp. 216-225	N	N/A	N/A	Insecticide resistance study
409.	Horowitz, A.R., Kontsedalov, S., Ishaaya, I.	2005b	Dynamics of resistance to the neonicotinoids acetamiprid and thiamethoxam in Bemisia tabaci (Homoptera: Aleyrodidae)	Journal of Economic entomology (2005) Vol. 97.6, pp. 2051-2056	N	N/A	N/A	Insecticide resistance study
410.	Hou, R-Y., Cai, H-M., Zhang, Z-Z., Wan, X-C.	2010	Determination of neonicotinoid pesticide residues in vegetables and fruits with high-performance liquid chromatography with diode-array detection	Fenxi Shiyanshi (2010) Vol. 29(2), pp. 59-63	N	N/A	N/A	Analytical detection of residues in foodstuffs

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
411.	Hou, R., Bian, H., Zhao, X., Hu, Y., Su, T., Wang, X., Wan, X.	2011	Determination of nicotinoid residues in complicated matrix vegetables by solid phase extraction and hplc method	Fenxi Ceshi Xuebao (2011) Vol. 30(1), pp. 58-63	N	N/A	N/A	Analytical detection of pesticide residues
412.	Hou, R., Jiao, W., Qian X., Wang, X., Yu, X., Wan, X.	2013b	Effective extraction method for determination of neonicotinoid residues in tea	Journal of Agricultural and Food Chemistry (2013) Vol. 61.51, pp. 12565-12571	N	N/A	N/A	Analytical method for the detection of pesticide residues
413.	Houndete, T.A., Ketoh, G.K., Hema, O.S.A., Brevault, T., Glitho, I.A., Martin, T.	2010	Insecticide resistance in field populations of Bemisia tabaci (Hemiptera: Aleyodidae) in West Africa	Pest Management Science (2011) Vol. 66(11), pp. 1181-1185	N	N/A	N/A	Insecticide resistance study
414.	Hu, Y.H., Huang, Z.Y., Cui, L.K., Chen, S.L., Liu, X.	2006	A study on control effect of field test on Hemiberlesia pitysophila Takagi	Acta Agriculturae Universitatis Jinagxiensis (2006) Vol. 28(3), pp. 364-367	N	N/A	N/A	Efficacy study
415.	Hu, B., Cai, H., Song, W.	2012	Determination of eight pesticide residues in tea by liquid chromatography-tandem mass spectrometry and its uncertainty evaluation	Chinese Journal of Chromatography (Se Pu) (2012) Vol. 30.9, pp. 889-895	N	N/A	N/A	Analytical detection of residues in foodstuffs
416.	Huang, W., Zhang, C.Z., Ren, D.X.	2004	Test on control of Parlatoria oleae (Colvee) in field	Xinjiang Agricultural Sciences (2004) Vol. 41(5), pp. 355-356	N	N/A	N/A	Efficacy study
417.	Huang, Z., Ren, S.X., Wu, J.H., Huang, T.	2008	Effect of pesticides on infectious activity of Paecilomyces fumosoroseus	Journal of South China Agricultural University (2008) Vol. 29(3), pp. 16-20	N	N/A	N/A	Efficacy study
418.	Hull, L.A.	2010	Evaluation of products for internal lepidoptera control, 2009	Arthropod Management Tests (2010) Vol. 35, pp. A4	N	N/A	N/A	Efficacy study
419.	Hull, L.A.	2011a	Evaluation of products for internal lepidoptera control, 2010	Arthropod Management Tests (2011) Vol. 36, pp. A2/1-A2/9	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
420.	Hull, L.A.	2011b	Seasonal control of lepidopteran pests and woolly apple aphid, 2010	Arthropod Management Tests (2011) Vol. 36, pp. A4/1-A4/6	N	N/A	N/A	Efficacy study
421.	Hull, L.A., Joshi, N.K., Zaman, F.U.	2009a	Effectiveness of insecticide airblast applications in apple, 2008	Arthropod Management Tests (2009) Vol. 34, pp. A9	N	N/A	N/A	Efficacy study
422.	Hull, L.A., Joshi, N.K., Zaman, F.U.	2009b	Management of internal feeding lepidopteran pests in apple, 2008	Arthropod Management Tests (2009) Vol. 34, pp. A8	N	N/A	N/A	Efficacy study
423.	Hull, L.A., Zaman, F.U., Joshi, N.K.	2009c	Use of insecticides and kairomones for lepidopteran pest control, 2008	Arthropod Management Tests (2009) Vol. 34, pp. A13	N	N/A	N/A	Efficacy study
424.	Hussain, S.I., Saleem, M.A., Freed, S.	2012	Toxicity of some insecticides to control mango mealy bug, Drosicha mangiferae, a serious pest of mango in Pakistan	Pakistan Journal of Zoology (2012) Vol. 44.2, pp. 353-359	N	N/A	N/A	Efficacy study
425.	Ibáñez, M., Portolés, T., Rúbies, A., Muñoz, E., Muñoz, G., Pineda, L., Serrahima, E., Sancho, J.V., Centrich, F., Hernández, F.	2012	The power of hyphenated chromatography/time-of-flight mass spectrometry in public health laboratories	J Agric Food Chem (2012) Vol. 60(21), pp. 5311-23	N	N/A	N/A	Analytical method for the detection of pesticide residues
426.	Ibragimkhalilova, I.V., Eremina, O.Yu	2007	Development of a method for assessing toxic baits and comparison of the contact and peroral effects of insecticides on house fly (Musca domestica L.)	Agrokhimiya (2007) No. 12, pp. 56-62	N	N/A	N/A	Efficacy/ insecticide toxicity study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
427.	Ibragimkhalilova, I.V., Eremina, O.Yu	2008	Susceptibility of insect species to neonicotinoids with housefly and German cockroach as examples	Agrokhimiya (2008) Vol. 11, pp. 60-71	N	N/A	N/A	Efficacy study
428.	Ibrahim, A.A., Shalaby, H.H., El-Saadany, H.M.	2009	Interaction between the entomopathogenic fungus, Beauveria bassiana and some insecticides against the whitefly, Bemisia tabaci (Genn.) (Homoptera: Aleyrodidae)	Egyptian Journal of Biological Pest Control (2009) Vol. 27(1A), pp. 320-325	N	N/A	N/A	Efficacy study
429.	Ichikawa, Y., Moriyama, M., Motoyama, N.	2008	Drift monitoring of acetamiprid sprayed by an air-blaster to pine trees in Gunma prefecture	Journal of Pesticide Science (2008) Vol. 33(3), pp. 281-288	N	N/A	N/A	Drift monitoring/ Efficacy study
430.	Imura, T., Nishikawa, M.	2004	Control of white swelling spot of tomato by the flower application of hormone added insecticide	Annual Report of the Kansai Plant Protection Society (2004) Vol. 46, pp. 1-6	N	N/A	N/A	Efficacy study
431.	Ishaaya, I., Barazani, A., Kontsedalov, S., Horowitz, A.R.	2007	Insecticides with novel modes of action: Mechanism, selectivity and cross-resistance	Entomological Research (2007) Vol. 37(3), pp. 148-152	N	N/A	N/A	Efficacy study
432.	Ishaaya, I., Kontsedalov, S., Horowitz, A.R.	2005a	Biorational insecticides: Mechanism and cross-resistance	Archives of Insect Biochemistry and Physiology (2005) Vol. 58(4), pp. 192-199	N	N/A	N/A	Insecticide resistance study
433.	Ishaaya, I., Kontsedalov, S., Horowitz, A.R.	2005b	Effect of the surfactant BB5 on the potency of thiamethoxam against the whitefly Bemisia tabaci	Phytoparasitica (2005) Vol. 33.1, pp. 57-59.	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
434.	Ishaaya, I., Lebedev, G., Ghanim, M., Horowitz, A.R.	2011	Biorational control of arthropod pests with emphasis on the use of chitin synthesis inhibitor	Pestycydy (2011) Vol. 1/4, pp. 17-22	N	N/A	N/A	Efficacy study
435.	Ishikawa, S., Ueda, N., Okumura, Y., Iida, Y., Higuchi, M., Naetoko, E., Tokunaga, Y., Baba, K.	2006	Removal efficiency for pesticides by coagulation and sedimentation using coagulant, recovered from water supply sludge	Mizu Kankyo Gakkaishi (2006) Vol. 29(10), pp. 653-658	N	N/A	N/A	Removal of pesticides from sewage sludge
436.	Iwasaki, A., Hori, Y., Yasuoka, S.	2005	Biology of onion thrips (Thysanoptera: Thripidae) on welsh onion in Hokkaido and control program of the pest based on economic thresholds	Bulletin of Hokkaido Prefectural Agricultural Experiment Stations (2005) Vol. 88, pp. 49-58	N	N/A	N/A	Efficacy study
437.	Izadi, H., Sarnevesht, M., Sadeghi, R., Mahdian, K., Jalai, M.A.	2012	Toxic effects of pyriproxyfen, neemarin, acetamiprid and Ferula assafoetida essential oil on the common pistachio psylla, Agonoscena pistaciae	Archives of Phytopathology and Plant Protection (2012) Vol. 45.18, pp. 2236-2242	N	N/A	N/A	Efficacy study
438.	Jadhave, R.G., Shirke, M.S., Kamble, M.S.	2006	Chemical control of sugarcane woolly aphid ceratovacuna lanigera zehnt	Pestology (2006) Vol. 30(2), pp. 20-22	N	N/A	N/A	Efficacy study
439.	Jadhav, R.P., Mundhe, D.R., Bhosle, B.B., Yadav, G.A.	2009	Bioefficacy of new insecticide acetamiprid 20 SP and indoxacarb 14.5 SC against bollworm complex of cotton	Pesticide Research Journal (2009) Vol. 21(2), pp. 150-154	N	N/A	N/A	Efficacy study
440.	Jafarpour, A.A., Garjan, A.S., Imani, S., Mahjoub, S.M., Mahmoudvand, M.	2011	Toxic effects of neonicotinoid insecticides on nymphs and adults of the sunn pest, Eurygaster integriceps Puton (Hemiptera: Scutelleridae)	Acta Entomologica Sinica (2011) Vol. 54(8), pp. 938-942	N	N/A	N/A	Efficacy study

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441.	Jarecki, W., Buczek, J., Bobrecka-Jamro, D.	2012	Efficiency of insecticide protection of spring rape with Mospilan 20 SP	Progress in Plant Protection (2012) Vol. 52.1, pp. 31-34	N	N/A	N/A	Efficacy study
442.	Jaśkiewicz, B.	2004a	Aphids – pests on roses	Ochrona Roślin (2004) Vol. 49(11), pp. 26-30	N	N/A	N/A	Efficacy/ agronomy study
443.	Jaśkiewicz, B.	2004b	Aphids found on spreading cotoneaster	Ochrona Roślin (2004) Vol. 49(42), pp. 33-3526-30	N	N/A	N/A	Efficacy/ agronomy study
444.	Jaśkiewicz, B.	2004c	Aphids found on trees of hawthorn (Crataegus x media Bechst.)	Ochrona Roślin (2004) Vol. 49(2), pp. 26-30	N	N/A	N/A	Abstract unavailable to determine relevance
445.	Jaśkiewicz, B.	2004d	Aphis occurring on the dwarf mountain pine	Ochrona Roślin (2004) Vol. 49(7/8), pp. 50-52	N	N/A	N/A	Efficacy/ agronomy study
446.	Jat, K.L., Sharma, P.D., Chauhan, M.S., Singh, R.	2004	Effect of some new insecticides on whitefly population and CLCuV incidence in cotton	Journal of Cotton Research and Development (2004) Vol. 18(1), pp. 93-94	N	N/A	N/A	Efficacy study
447.	Jeughale, G.S., Kakade, S.U., Kadam, S.R.	2007	Effect of Bt cotton hybrids as one of the components of IPM on pink bollworm incidence under rainfed situation	Crop Research (2007) Vol. 34(1/3), pp. 206-209	N	N/A	N/A	IPM study
448.	Jhansi, K., Subbaratnam, G.V.	2008	Evaluation of some new insecticides for the management of relatively resistant population of the cotton aphid, Aphis gossypii Glover	Pest Management and Economic Zoology 92008) Vol. 16(1), pp. 51-56	N	N/A	N/A	Insecticide resistance study
449.	Ji, W., Chen, T., Sang, Q., Dai, Y., Ge, F., Yuan, S.	2010	Metabolism of chloronicotinyl neonicotinoid insecticides by fungi Penicillium oxalicum IM-3	Journal of Ecology and Rural Environment (2010) Vol. 26(3), pp. 246-250	N	N/A	N/A	Metabolism of neonicotinoids by fungi

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450.	Jia, Z., Mao, X., Chen, K., Wang, K., Ji, S.	2010	Comprehensive multiresidue method for the simultaneous determination of 74 pesticides and metabolites in traditional Chinese herbal medicines by accelerated solvent extraction with high-performance liquid chromatography/tandem mass spectrometry	J AOAC Int. (2010) Vol. 93(5), pp. 1570-88.	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
451.	Jia, W., Huang, J-R., Ling, Y., Feng, F., Zheng, Y-M., Chu, X-G.	2013	Determination of 290 pesticide residues in tea by high performance liquid chromatography-tandem mass spectrometry	Fenxi Ceshi Xuebao (2013) Vol. 32(1), pp. 9-22	N	N/A	N/A	Analytical detection of residues in foodstuffs
452.	Jiang, E., Xue, M., Liu, Y-Q., Wang, Y-F.	2009	Toxicity of vitex negundo extract to aphids and its co-toxicity with imidacloprid	Chinese Journal of Applied Ecology (2009) Vol. 20(3), pp. 686-690	N	N/A	N/A	Efficacy study
453.	Jiang, Y., Li, Y., Jiang, Y., Li, J., Pan, C.	2012	Determination of multiresidues in rapeseed, rapeseed oil, and rapeseed meal by acetonitrile extraction, low-temperature cleanup, and detection by liquid chromatography with tandem mass spectrometry	J Agric Food Chem (2012) Vol. 60(20), pp. 5089-98	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
454.	Jin, W., Duan, T.T., Zhu, H.W., Liao, G.H.	2011	Occurrence regularity and chemical control of Empoasca vitis in tea plantation	Guizhou Agricultural Sciences (2011) Vol. 5, pp. 144-146	N	N/A	N/A	Efficacy study
455.	Jin, H., Wang, Y., Lan, J., Ma, S.	2012	Determination of 192 pesticides in Flos Lonicerae by gas chromatography-mass spectrometry	Zhongguo Yaoxue Zazhi (2012) Vol. 47(8), pp. 613-619	N	N/A	N/A	Analytical detection of residues in traditional medicine

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456.	Jodki, J.N., Nawrocka, B., Swietosawski, J.	2004	Effectiveness of imidacloprid (ProAgro 100 SL) in the control of glasshouse whitefly (Trialeurodes vaporariorum) and western flower thrips Frankliniella occidentalis) on tomato under cover	Communications in Agricultural and Applied Biological Sciences (2004) Vol. 69(3), pp. 141-143	N	N/A	N/A	Efficacy study
457.	Joice, J.A.I., Ramya, G., Vaithiyanatahn, R., Ramakrishnan, R., Sivakumar, T.	2012	Effect of doping of transition metals over titania based nanocatalysts on the degradation of harmful insecticides	Asian Journal of Chemistry (2012) Vol. 24(12), pp. 5766-5770	N	N/A	N/A	Pesticide removal from water
458.	Jones, M.M., Robertson, J.L., Weinzierl, R.A.	2010	Susceptibility of Oriental fruit moth (Lepidoptera: Tortricidae) larvae to selected reduced-risk insecticides	Journal of Economic Entomology (2010) Vol. 103(5), pp. 1815-20	N	N/A	N/A	Efficacy study
459.	Jones, M.M., Robertson, J.L., Weinzierl, .R.A.	2012	Toxicity of thiamethoxam and mixtures of chlorantraniliprole plus acetamiprid, esfenvalerate, or thiamethoxam to neonates of oriental fruit moth (Lepidoptera: Tortricidae)	Journal of Economic Entomology (2012) Vol.105.4, pp. 1426-1431	N	N/A	N/A	Toxicity of mixtures containing acetamiprid to Oriental Fruit Moth
460.	Jovanov, P., Guzsvány, V., Franko, M., Lazić, S., Sakač, M., Šarić, B., Banjac, V.	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) Vol. 111, pp. 125-133	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs

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461.	Jyothi, A.J., Bheemanna, M., Nagangouda, A., Sreenivas, A.G., Mekali, J.	2013	Waiting period for insecticides and a botanical used in control of mulberry thrips	Annals of Plant Protection Sciences (2013) Vol. 21(1), pp. 42-45	N	N/A	N/A	Efficacy study
462.	Judson, R.S., Houck, K.A., Kavlock, R.J., Knudsen, T.B., Martin, M.T., Mortensen, H.M., Reif, D.M., Rotroff, D.M., Shah, I. et al	2010	In vitro screening of environmental chemicals for targeted testing prioritization: The Toxcast Project	Environmental Health Perspectives, (2010) Vol. 118(4), pp. 485-492	N	N/A	N/A	Evaluation of in vitro assays
463.	Kabiri, M., Amiri-Besheli, B., Basirat, M.	2012	A comparison of the toxicity of the botanical insecticide, Sirinol and two chemical insecticides, Mospilan and Consult, on two natural enemies of the pistachio psyllid, coccinellid predator (Oenopia conglobata) and parasitic wasp (Psyllaephagus pistaciae)	African Journal of Biotechnology (2012) Vol. 11.74, pp. 13888-13895	N	N/A	N/A	Test material in study does not include acetamiprid
464.	Kabiri, M., Amiri-Besheli, B.	2012	Toxicity of Palizin, Mospilan and Consult on Agonoscena pistaciae Burckhardt and Lauterer (Hemiptera: Psyllidae), Oenopia conglobata L. (Coleoptera: Coccinellidae) and Psyllaephagus pistaciae Ferriere (Hymenoptera: Encyrtidae)	Academic Journal of Entomology (2012) Vol. 5, No. 2, pp. 99-107	N	N/A	N/A	Efficacy/ insecticide toxicity study

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465.	Kadri, S., Goud, K.B.	2006	Efficacy of newer molecules of insecticides and botanicals against onion thrips, Thrips tabaci (Lindeman) (Thysanoptera: Thripidae)	Karnataka Journal of Agricultural Sciences (2006) Vol. 19(3), pp. 539-543	N	N/A	N/A	Efficacy study
466.	Kadu, R.V., Patel, M.B., Pandya, H.V.	2009	Study on bio-efficacy of different insecticides against Ceratovacuna lanigera Zehntner on sugarcane in South Gujarat	Cooperative Sugar (2009) Vol. 40(7), pp. 51-57	N	N/A	N/A	Efficacy study
467.	Kaiser, C., Grunau, S., Müller, B., Volkmar, C.	2010	The efficacy of insecticides on Meligethes aeneus in rape	Julius-Kühn-Archiv (2010) Vol. 428, pp. 503	N	N/A	N/A	Efficacy study
468.	Kamijo, K., Kobatashi, M., Otsuka, K., Tamura, Y., Tomizawa, S., Iwakoshi, K., Sato, C., Nagayama, T., Takano, I.	2010	Survey of pesticide residues in domestic vegetables and fruits (April 2009-March 2010)	Tokyo-to Kenko Anzen Kenkyu Senta Kenkyu Nenpo (2010) Vol. 61, pp. 281-287	N	N/A	N/A	Pesticide residue survey
469.	Kamminga, K.L., Herbert, D.A. Jr, Kuhar, T.P., Malone, S., Koppel, A.	2009	Efficacy of insecticides against Acrosternum hilare and Euschistus servus (Hemiptera: Pentatomidae) in Virginia and North Carolina	Journal of Entomological Science (2009) Vol. 44(1), pp. 1-10	N	N/A	N/A	Efficacy study
470.	Kandakoor, S.B., Khan, H.K., Gowda, G.B., Kumar, C.T.A., Chakravarthy, A.K., Venkataravana, P.	2013a	Efficacy of insecticide molecules and indigenous materials against leafhoppers on groundnut	Uttar Pradesh Journal of Zoology (2013) Vol. 33.1, pp. 29-37	N	N/A	N/A	Efficacy study
471.	Kandakoor, S.B., Khan, H.K., Gowda, G.B., Chakravarthy, A.K., Kumar, K.P.	2013b	Efficacy of insecticides against thrips on groundnut	Annals of Plant Protection Sciences (2013) Vol. 21.2, pp. 418-419	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
472.	Kanna, S.S., Karuppuchamy, P., Kuttalam, S., Sivasamy, N.	2007	Bio-efficacy of acetamiprid 20 SP against Aphis gossypii and Amrasca bigttula bigtulla in cotton	Annals of Plant Protection Sciences (2007) Vol. 15(1), pp. 15-20	N	N/A	N/A	Efficacy study
473.	Kanna, S.S., Karuppuchamy, P., Kuttalam, S.	2011a	Phytotoxicity of acetamiprid 20 SP on cotton	Insect Environment (2011) Vol. 17(1), pp. 20-21	N	N/A	N/A	Efficacy study
474.	Kanna, S.S., Karuppuchamy, P., Kuttalam, S.	2011b	Preliminary study on the toxicity of acetamiprid 20 SP to cotton aphid, Aphis gossypii Glover	Insect Environment (2011) Vol. 17(1), pp. 3	N	N/A	N/A	Efficacy study
475.	Kanna, S.S., Karuppuchamy, P., Kuttalam, S.	2011c	Safety of Acetamiprid 20 SP to honey bees	Insect Environment (2011) Vol. 16(4), pp. 160-162	N	N/A	N/A	Abstract unavailable to confirm relevance of study
476.	Karabacak, M., Kurt, M.	2008	Comparison of experimental and density functional study in the molecular structure, infrared and Raman spectra and vibrational assignments of 6-chloronicotinic acid	Spectrochimica Acta Part A – Molecular and Biomolecular Spectroscopy (2008) Vol. 71(3), pp. 876-883	N	N/A	N/A	Structures and vibrations of 6-chloronicotinic acid
477.	Karabacak, M., Cinar, M., Ermec, S., Kurt, M.	2010	Experimental vibrational spectra (Raman, infrared) and DFT calculations on monomeric and dimeric structures of 2- and 6-bromonicotinic acid	Journal of Raman Spectroscopy (2010) Vol. 41(1), pp. 98-105	N	N/A	N/A	Vibrational spectra and DFT calculations on structures of 2- and 6-bromonicotinic acid
478.	Karar, H., Arif, M.J., Sayeed, H.A., Ashfaq, M., Khan, M.A.	2010	Comparative efficacy of new and old insecticides for the control of Mano mealybug (Droschia mangiferae) in mango orchards	International Journal of Agriculture and Biology (2010) Vol. 12(3), pp. 443-446	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
479.	Karatolos, N., Denholm, I., Williamson, M., Nauen, R., Gorman, K.	2010	Incidence and characterisation of resistance to neonicotinoid insecticides and pymetrozine in the greenhouse whitefly, Trialeurodes vaporariorum Westwood (Hemiptera: Aleyrodidae)	Pest Management Science (2010) Vol. 66(12), pp. 1304-1307	N	N/A	N/A	Insecticide resistance study
480.	Kasiotis, K.M., Kyriakopoulou, K., Emmanouil, C., Tsantila, N., Liesivuori, J., Souki, H., Manakis, S., Machera, K.	2012	Monitoring of systemic exposure to plant protection products and DNA damage in orchard workers	Toxicol Lett. (2012) Vol. 210(2), pp. 182-8	N	N/A	N/A	Occupational exposure to pesticides and levels of DNA damage
481.	Kataoka, F., Imai, H., Mochizuki, E.	2007	A survey of used pesticides and pesticide residues in vegetables and fruits in Yamanashi Prefecture	Yamanashi-ken Eisei Kogai Kenkyusho Nenpo (2007) Vol. 50, pp. 9-15	N	N/A	N/A	Pesticide use and residues survey
482.	Kaufmann, A., Dvorak, V., Crüzer, C., Butcher, P., Maden, K., Walker, S., Widmer, M., Schürmann, A.	2012	Study of high-resolution mass spectrometry technology as a replacement for tandem mass spectrometry in the field of quantitative pesticide residue analysis	J AOAC Int. (2012) Vol. 95(2), pp. 528-48	N	N/A	N/A	Analytical method for the detection of pesticide residues
483.	Kaur, R., Kaur, S., Lata, M.	2011	Evaluation of DNA damage in agricultural workers exposed to pesticides using single cell gel electrophoresis (comet) assay	Indian J Hum Genet (2011) Vol. 17(3), pp. 179-87	N	N/A	N/A	Occupational exposure to pesticides and levels of DNA damage

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
484.	Kavvalakis, M.P., Tzatzarakis, M.N., Theodoropoulou, E.P., Barbounis, E.G., Tsakalof, A.K., Tsatsakis, A.M.	2013	Development and application of LC-APCI-MS method for biomonitoring of animal and human exposure to imidacloprid	Chemosphere (2013) Vol. 93(10), pp. 2612-2620	N	N/A	N/A	Biomonitoring of exposure to imidacloprid
485.	Kayser, H., Lee, C., Decock, A., Baur, M., Haettenschwilder, J., Maienfisch, P.	2004	Comparative analysis of neonicotinoid binding to insect membranes: I. A structure-activity study of the mode of [H-3]imidacloprid displacement in Myzus persicae and Aphis craccivora	Pest Management Science (2005) Vol. 60(10), pp. 945-958	N	N/A	N/A	Neonicotinoid binding to insect membranes
486.	Kerns, D.L., Anderson, M.G.	2012	Occurrence, impact, and management of Kurtomathrips morrilli : a new pest of cotton on the Texas high plains	Journal of Cotton Science (2012) Vol. 16.4, pp. 220-228	N	N/A	N/A	Efficacy study
487.	Kerns, D.L., Baugh, B.A.	2009	Evaluation of insecticides against cotton aphids and predators in cotton, 2008	Arthropod Management Tests (2009) Vol. 34, pp. F27	N	N/A	N/A	Efficacy study
488.	Kerns, D.L., Kesey, B.J., Baugh, B.A., Patman, D.R.	2011	Evaluation of insecticides against cotton aphids and convergent lady beetle larvae in cotton, 2010	Arthropod Management Tests, (2011) Vol. 36, pp. F44/1-F44/3	N	N/A	N/A	Efficacy study
489.	Khan, S.M.	2011	Varietal performance and chemical control used as tactics against sucking insect pests of cotton	Sarhad Journal of Agriculture (2011) Vol. 27(2), pp. 255-261	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
490.	Khan, A., Haque, M.M., Mir, N.A., Muneer, M., Boxall, C.	2010	Heterogeneous photocatalysed degradation of an insecticide derivative acetamiprid in aqueous suspensions of semiconductor	Desalination (2010) Vol. 261(1-2), pp. 169-174	N	N/A	N/A	Photocatalytic degradation of acetamiprid in aqueous suspensions of TiO2
491.	Khan, R.R., Rasool, I., Ahmed, S., Oviedo, A., Arshad, M., Zia, K.	2012	Individual and combined efficacy of different insecticides against Lipaphis erysimi (Kalt.) (Homoptera: Aphididae)	Pakistan Entomologist (2012) Vol. 34.2, pp. 157-160	N	N/A	N/A	Efficacy study
492.	Kharbade, S.B., Gondhali, B.V., Wayal, C.B., Kate, R.N.	2007	Efficacy of new insecticide poison baits against slugs under shade net condition	Pestology (2008) Vol. 31(11), pp. 35-37	N	N/A	N/A	Efficacy study
493.	Kharbade, S.B., Gondhali, B.V., Wayal, C.B., Kate, R.N.	2008	Efficacy of new insecticide poison baits against slugs under shade net condition	Pestology (2008) Vol. 32(1), pp. 50-52	N	N/A	N/A	Efficacy study
494.	Kharbade, S.B., Kadam, J.R., Dethe, M.D., Mehetre, S.S., Naik, R.L.	2013	Evaluation of synthetic insecticides against thrips (Thrips tabaci Lind.) in Bt cotton	Journal of Agriculture Research and Technology (2013) Vol. 38(1), pp. 51-54	N	N/A	N/A	Efficacy study
495.	Khattak, M., Shafqat, A., Chishti, J.I., Saljiki, A.R., Hussain, A.S.	2004	Efficacy of certain insecticides against some sucking insect pests of mung bean (Vigna radiata L.)	Pakistan Entomologist (2004) Vol. 26(1), pp. 75-80	N	N/A	N/A	Efficacy study
496.	Kim, H.J., Shelver, W.L., Li, Q.X.	2004	Monoclonal antibody-based enzyme-linked immunosorbent assay for the insecticide imidacloprid	Analytica Chimica Acta (2004) Vol. 509(1), pp. 111-118	N	N/A	N/A	Analytical method for imidacloprid

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497.	Kim, H-J., Shelver, W.L., Hwang, E-C., Xu, T., Li, Q.X.	2006b	Automated flow fluorescent immunoassay for part per trillion detection of the neonicotinoid insecticide thiamethoxam	Analytica Chimica Acta (2006) Vol. 571(1), pp. 66-73	N	N/A	N/A	Analytical method for detection of thiamethoxam
498.	Kim, S-I., Chae, S-H., Ahn, Y-J., Youn, H-S., Yeon, S-H.	2011	Contact and fumigant toxicity of plant essential oils and efficacy of spray formulations containing the oils against B- and Q-biotypes of Bemisia tabaci	Pest Management Science (2011) Vol. 67(9), pp. 1093-1099	N	N/A	N/A	Efficacy study
499.	Kim, T-R., Park, K-H., Jang, M-R., Choi, Y-H., Kim, E-H., Choi, C-M., Park, S-K., Yu, I-S., Hwang, I-S., et al.	2013a	Evaluation of residual pesticides in fresh ginseng collected in Seoul	Journal of Applied Biological Chemistry (2013) Vol. 56(1), pp. 29-35	N	N/A	N/A	Analytical detection of residues in foodstuffs
500.	Kim, E., Moon, J-K., Lee, H., Kim, S., Hwang, Y-J., Kim, B-J., Lee, J., Lee, D-H., Kim, J-H.	2013b	Exposure and Risk Assessment of Operators to Insecticide Acetamiprid during Treatment on Apple Orchard	Korean Journal of Horticultural Science & Technology 31.2 (Apr 2013): 239-245	N	N/A	N/A	Operator exposure risk assessment
501.	Kljajić, P., Marcić, D., Krnjajić, S., Perić, P., Perić, I.	2007	Experimental evaluation of insecticides for Colorado potato beetle (Leptinotarsa decemlineata Say) control in Serbia	Acta Horticulturae (2007) Vol. 729, pp. 477-481	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
502.	Kmellár, B., Abrankó, L., Fodor, P., Lehotay, S.J.	2012	Routine approach to qualitatively screening 300 pesticides and quantification of those frequently detected in fruit and vegetables using liquid chromatography tandem mass spectrometry (LC-MS/MS)	Food Addit Contam Part A Chem Anal Control Expo Risk Assess (2010) Vol. 27(10), pp. 1415-30	N	N/A	N/A	Analytical detection of residues in foodstuffs
503.	Knight, A.L.	2010a	Cross-resistance between azinphos-methyl and acetamiprid in populations of codling moth, Cydia pomonella (L.) (Lepidoptera: tortricidae), from Washington State	Pest Management Science (2010) Vol. 66(8), pp. 865-874	N	N/A	N/A	Insecticide resistance study
504.	Knight, A.L.	2010b	Targeting Cydia pomonella (L.) (Lepidoptera: tortricidae) adults with low-volume applications of insecticides alone and in combination with sex pheromone	Pest Management Science (2010) Vol. 66(7), pp. 709-17	N	N/A	N/A	Efficacy study
505.	Knight, A.L., Light, D.M.	2013	Adding microencapsulated pear ester to insecticides for control of Cydia pomonella (Lepidoptera: Tortricidae) in apple	Pest Management Science (2013) Vol. 69.1, pp. 66-74	N	N/A	N/A	Efficacy study
506.	Knight, A.W., Little, S., Houck, K., Dix, D., Judson, R., Richard, A., McCarroll, N., Akerman, G., Yang, C., et al	2009	Evaluation of high-throughput genotoxicity assays used in profiling the US EPA ToxCast chemicals	Regulatory Toxicology and Pharmacology, (2009) Vol. 55(2), pp. 188-199	N	N/A	N/A	Non-validated methodology

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507.	Ko, A-Y., Rahman, Md.M., Abd El-Aty, A.M., Jang, J., Park, J-H., Cho, S-K., Shim, J-H.	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) Vol. 148, pp. 402-409	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
508.	Kobayashi, M., Otsuka, K., Tamura, Y., Tomizawa, S., Kinoshita, T., Kamijo, K., Iwakoshi, K., Sato, C., Takano, I.	2010	Determination of neonicotinoid pesticide in crops	Tokyo-to Kenko Anzen Kenkyu Senta Kenkyu Nenpo (2010) Vol. 61, pp. 215-220	N	N/A	N/A	Analytical method for the detection of residues in agricultural products
509.	Kobayashi, Y., Yoshizaki, M., Shimizu, M., Aoyagi, Y.	2012	Survey of pesticide residues in agricultural products in Niigata Prefecture	Niigata-ken Hoken Kankyo Kagaku Kenkyusho Nenpo (2012) Vol. 27, pp. 94-97	N	N/A	N/A	Analytical detection of residues in foodstuffs
510.	Kocak, E., Babaroglu, N.	2006	Evaluating insecticides for the control of overwintered adults of Eurygaster integriceps under field conditions in Turkey	Phytoparasitica (2006) Vol. 34(5), pp. 510-515	N	N/A	N/A	Efficacy study
511.	Kocourek, F., Pultar, O., Stará, J.	2007	Comparison of the efficacy of AdorGV and chemical insecticides against the summer fruit tortrix, Adoxophyes orana, in commercial apple orchards in the Czech Republic	Bulletin OLIB/SROP (2007) Vol. 30(1), pp. 171-176	N	N/A	N/A	Efficacy study
512.	Kolhe, A.V., Nawood, S.S., Patil, B.R., Ingole, O.V.	2009	Bio-efficacy of newer insecticides against sucking pests of cotton	Journal of Cotton Research and Development (2009) Vol. 23(1), pp. 146-148	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
513.	Kohnić	2005	The distribution and adverse influence of whitefly (Trialeurodes vaporariorum Westw. 1856, Aleurodidae, Homoptera) in the Herzegovina area	Radovi Poljoprivrednog Fakulteta Univerziteta u Sarajevu (Works of the Faculty of Agriculture University of Sarajevo) (2005) Vol. 50.55(2), pp. 99-109	N	N/A	N/A	Agronomy study
514.	Kontsedalov, S., Zchori-Fein, E., Chiel, E., Gottlieb, Y., Inbar, M., Ghanim, M.	2008	The presence of Rickettsia is associated with increased susceptibility of Bemisia tabaci (Homoptera: Aleyrodidae) to insecticides	Pest Management Science (2008) Vol. 64(8), pp. 789-792	N	N/A	N/A	Insecticide resistance study
515.	Koo, H., An, J., Park, S., Kim, J., Kim G.	2014	Regional susceptibilities to 12 insecticides of melon and cotton aphid, Aphis gossypii (Hemiptera: Aphididae) and a point mutation associated with imidacloprid resistance	Crop Protection (2014) Vol. 55, pp. 91-97	N	N/A	N/A	Efficacy study
516.	Korbas, M., Wegorek, P.	2006	Protection of rape at flowering time	Ochrona Roślin (2006) Vol. 51(4), pp. 10-12, 14	N	N/A	N/A	Insecticide resistance study
517.	Kovalczuk, T., Lacina, O., Jech, M., Poustka, J., Hajslová, J.	2008	Novel approach to fast determination of multiple pesticide residues using ultra-performance liquid chromatography-tandem mass spectrometry (UPLC-MS/MS)	Food Addit Contam Part A Chem Anal Control Expo Risk Assess. (2008) Vol. 25(4), pp. 444-57	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
518.	Kovanci, O.B., Knight, A., Larsen, T.	2011	Combined sex sprays of sex pheromone and insecticides to attract-and-kill codling moth	IOBC/WPRS Bulletin (2011) Vol. 72, pp. 83-88	N	N/A	N/A	Efficacy study
519.	Krawczyk, G., Hull, L.A.	2007	Resistance to insecticides and baseline sensitivity in codling moth populations from Pennsylvania, USA orchards	Bulletin OILB/SROP (2007) Vol. 30(4), pp. 207-213	N	N/A	N/A	Insecticide resistance study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
520.	Kshirsagar, S.D., Satpute, N.S., Moharil, M.P.	2012	Monitoring of insecticide resistance in cotton leafhoppers, Amrasca bigutulla bigutulla (Ishida)	Annals of Plant Protection Sciences (2012) Vol. 20.2, pp. 283-286	N	N/A	N/A	Insecticide resistance study
521.	Kuang Y., Qiu, F., Kong, W., Luo, J., Cheng, H., Yang, M.	2013	Simultaneous quantification of mycotoxins and pesticide residues in ginseng with one-step extraction using ultra-high performance liquid chromatography-electrospray ionization tandem mass spectrometry	Journal of Chromatography, B (2013) Vol. 939, pp. 98-107	N	N/A	N/A	Analytical detection of residues in foodstuffs
522.	Kudo, S., Kudo, S., Sakuraba, A., Yamamoto, A., Masuda, Y.	2012	Results of examination for pesticide residues in agricultural products: from fiscal 2007 to 2011	Aomori-ken Kankyo Hoken Senta Kenkyu Hokoku (2012) Vol. 23, pp. 36-42	N	N/A	N/A	Review of pesticide residues in foodstuffs
523.	Kuhar, T.P., Doughty, H.B., Hitchner, E.M., Chapman, A.V.	2006	Toxicity and field efficacy of acetamiprid on asparagus beetle	Plant Health Progress (2006) August, pp. 1-5	N	N/A	N/A	Efficacy study
524.	Kuldová, J., Hrdý, I., Janšta, P.	2007	The horse chestnut leafminer Cameraria ohridella: chemical control and notes on parasitisation	Plant Protection Science (2007) Vol. 43(2), pp. 47-56	N	N/A	N/A	Efficacy study
525.	Kulikov, S.	2012	Insectoacaricidal programme of “RABOS International” in pig farming	Svinovodstvo (Moskva) (2012) Vol. 3, pp. 67-68	N	N/A	N/A	Fly and disease control in pigs
526.	Kumar, B., Vinoth, K.	2010	Impact of spirotetramat on the growth of beneficial organisms	Journal of Biological Control (2010) Vol. 24(1), pp. 82-84	N	N/A	N/A	Impact of spirotetramat on beneficial organisms

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527.	Kumar, B.V., Kuttalam, S., Chandrasekaran, S.	2009	Efficacy of a new insecticide spirotetramat against cotton whitefly	Pesticide Research Journal (2009) Vol. 21(1), pp. 45-48	N	N/A	N/A	Efficacy study
528.	Kumar, R., Kranthi, S., Nitharwal, M., Jat, S.L., Monga, D.	2012	Influence of pesticides and application methods on pest and predatory arthropods associated with cotton	Phytoparasitica (2012) Vol. 40.5, pp. 417-424	N	N/A	N/A	Efficacy study
529.	Kumar, S., Parmar, G., Naik, M.M., Shukla, A.	2013	Bioefficacy of some pesticides against sucking pests complex of blackgram [Vigna mungo (L.) Hepper]	Uttar Pradesh Journal of Zoology (2013) Vol. 33.1, pp. 39-44	N	N/A	N/A	Efficacy study
530.	Kumawat, M.M., Kumar, A.	2007	Phytotonic and phytotoxic effects of some novel insecticides on soybean, Glycine max (L.) Merrill.	Soybean Research (2007) Vol. 5, pp. 33-37	N	N/A	N/A	Efficacy study
531.	Kumawat, M.M., Kumar, A.	2008	Residual toxicity of some novel insecticides on soybean crop against Spodoptera litura (Fab.)	Environment and Ecology (2009) Vol. 26(4A), pp. 1700-1702	N	N/A	N/A	Efficacy study
532.	Lacina, O., Zachariasova, M., Urbanova, J., Vaclavikova, M., Cajka, T., Hajsolva, J.	2012	Critical assessment of extraction methods for the simultaneous determination of pesticide residues and mycotoxins in fruits, cereals, spices and oil seeds employing ultra-high performance liquid chromatography-tandem mass spectrometry	J Chromatogr A. (2012) Vol. 1262, pp. 8-18	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
533.	Lauziere, I., Elzen, G.	2007	Effect of formulated insecticides on Homalodisca vitripennis (Germar) (Hemiptera: Cicadellidae) and its parasitoid Gonatocerus ashmeadi Girault (Hymenoptera: Mymaridae)	Journal of Entomological Science (2007) Vol. 42(1), pp. 11-19	N	N/A	N/A	Efficacy study
534.	Lavine, B.K., Ding, T., Jacobs, D.	2010	LC-PDA-MS studies of the photochemical degradation of imidacloprid	Analytical Letters (2010) Vol. 43(10-11), pp. 1812-1821	N	N/A	N/A	Photochemical degradation of imidacloprid
535.	Lazíc, S., Šunjka, D., Grahovac, N., Guzsvány, V., Bagi, F., Budnakov, D.	2012	Application of liquid chromatography with diode-array detector for determination of acetamiprid and 6-chloronicotinic acid residues in sweet cherry samples	Pestic. Phytomed. (Belgrade) (2012) Vol. 27(4), pp. 321-329	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
536.	Le Lagadec, M.D., Louw, C.E., Labuschagne, C.	2009	The control of scale insects and mealybugs on mangoes in South Africa using neo-nicotinoids. A review of the experimental work from 2001 to 2005	Acta Horticulturae (2009) Vol. 820, pp. 549-557	N	N/A	N/A	Efficacy study
537.	Le Questel, J-Y., Graton, J., Ceron-Carrasco, J.P., Jacquemin, D., Planchat, A., Thany, S.H.	2011	New insights on the molecular features and electrophysiological properties of dinotefuran, imidacloprid and acetamiprid neonicotinoid insecticides	Bioorganic & Medicinal Chemistry (2011), Vol. 19(24), pp. 7623-7634	N	N/A	N/A	Molecular features and electro-physiological properties of neonicotinoid insecticides

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538.	Lee, S.J., Park, S., Choi, J.Y., Shim, J-H., Shin, E-H., Choi, J-H., Kim, S.T., El-Aty, A.M.Abd., Jin, J.S., Bae, D.W., Shin, S.C.	2009	Mulitresidue analysis of pesticides with hydrolyzable functionality in cooked vegetables by liquid chromatography tandem mass spectrometry	Biomedical Chromatography (2009) Vol. 23(7), pp. 719-731	N	N/A	N/A	Analytical detection of pesticides in foodstuffs
539.	Leskey, T.C., Lee, D-H., Short, B.D., Wright, S.E.	2012	Impact of insecticides on the invasive Halyomorpha halys (Hemiptera: Pentatomidae): analysis of insecticide lethality	Journal of Economic Entomology (2012) Vol. 105.5, pp. 1726-35	N	N/A	N/A	Efficacy study
540.	Lesuer, C., Knittl, P., Gartner, M., Mentler, A., Fuerhacker, M.	2008	Analysis of 140 pesticides from conventional farming foodstuff samples after extraction with the modified QuECheRS method	Food Control (2008) Vol. 19(9), pp. 906-914	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
541.	Li, G,	2006	Determination of acetamiprid .cntdot. phoxim EC by HPLC	Nongyao Kexue Yu Guanli (2006) Vol. 27(12), pp. 4-6	N	N/A	N/A	Analytical method for the detection of acetamiprid
542.	Li, X.B.	2007	The amended strategy for control of citrus diseases and pests	South China Fruits (2007) Vol. 6, pp. 33	N	N/A	N/A	Efficacy study
543.	Li, H., Qu, F.	2007	Synthesis of CdTe Quantum Dots in Sol-Gel-Derived Composite Silica Spheres Coated with Calix[4]arene as Luminescent Probes for Pesticides	Chemistry of Materials (2007) Vol. 19(17), pp. 4148-4154	N	N/A	N/A	Research paper; not relevant
544.	Li, H., Chen, Z., Wang, W., Du, H., Li, R., Ding, R.	2007a	Determination of acetamiprid residues in broccoli	Nongyao (2007) Vol. 46(6), pp. 403-404	N	N/A	N/A	Analytical detection of residues in foodstuffs

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
545.	Li, Z.X., Liu, Y.L., Sun, Y.M., Wu, Q., Lei, H.T., Wang, H., Xiao, Z.L.	2007b	Development of polyclonal antibody based enzyme-linked immunosorbent assay for the analysis of the analysis of the agricultural insecticide imidacloprid: food quality and safety	Asia Pacific Journal of Clinical Nutrition (2007) Vol. 16 suppl 1, pp. 102-105	N	N/A	N/A	Analytical method for the detection of imidacloprid
546.	Li, G., Zhang, J., Chen, J., Xu, Z., Chen, J.	2007c	Toxicities and field efficacies on several pesticides against Monolepta hieroglyphica	Nongyao (2007) Vol. 46, No. 7, pp. 486-488	N	N/A	N/A	Efficacy/ insecticide toxicity study
547.	Li, S-Y., Liu, X., Gao, C-F., Bo, X-P., Su, J-Y., Wang, Y-H., Yan, X., Shen, J.L., Yang, J., Tao, L.M.	2009a	Laboratory screening of alterto highly-toxic for controlling the White-backed Planthopper, Sogatella furcifera and resistance risk assessment to imidacloprid in rice	Chinese Journal of Rice Science (2009) Vol. 23(1), pp. 79-84	N	N/A	N/A	Efficacy study
548.	Li, G., Feng, H., Yang, S., Li, X., Qiu, F.	2009b	Method for testing the toxicity of insecticides and indoor toxicity of 9 insecticides to Adelphocoris suturalis	Zhiwu Baohu (2009) Vol. 35(1), pp. 132-135	N	N/A	N/A	Methodology for testing insecticide toxicity
549.	Li, J., Yu, J., Wang, D., Wang, H.	2009c	Toxicities and field trial of several important insecticides to Bemisia tabaci in cotton field	Xinjiang Nongye Daxue Xuebao (2009) Vol. 32(5), pp. 44-47	N	N/A	N/A	Efficacy/ insecticide toxicity study
550.	Li, L., Xue, M., Ren, G., Li, Q., Zhang, Q., Wang, H.	2009d	Toxicity of several insecticides to different instars nymphs of Bemisia tabaci and the repellent actions to the adults	Zhiwu Baohu Xuebao (2009) Vol. 36(4), pp. 359-365	N	N/A	N/A	Efficacy/ insecticide toxicity study
551.	Li, L., Chen, X., Zhang, D., Pan, X.	2010a	Effects of insecticide acetamiprid on photosystem II (PSII) activity of Synechocystis sp (FACHB-898)	Pesticide Biochemistry and Physiology (2010) Vol. 98(2), pp. 300-304	N	N/A	N/A	Effects of acetamiprid on PSII activity

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
552.	Li, D.Y., Liao, G.H., He, C.J.	2010b	Growth and decline regulation of Callitettix veriscolor and its control in paddy field	Southwest China Journal of Agricultural Sciences (2010) Vol. 23(4), pp. 1307-1373	N	N/A	N/A	Efficacy study
553.	Li, G.K., Liu, J., Gao, Y.H., Lei, J.K., Wang, S.L.	2011a	An experiment on controlling Chromaphis juglandicola Kaltenbach by four insecticides	Xinjiang Agricultural Sciences (2011) Vol. 48(2), pp. 363-365	N	N/A	N/A	Efficacy study
554.	Li, A., Imasaka, T., Uchimura, T., Imasaka, T.	2011b	Analysis of pesticides by gas chromatography/ multiphoton ionization/ mass spectrometry using a femtosecond laser	Anal Chim Acta. (2011) Vol. 701(1), pp. 52-9	N	N/A	N/A	Analytical detection of pesticides in mixtures
555.	Li, J., Sun, C., Hou, Y., Yuan, K., Lu, J., Liu, J.	2011c	Assay of 27 pesticide residues in vegetables and fruits by ultra performance liquid chromatography-electrospray ionization tandem mass spectrometry	Xiandi Nongyao (2011) Vol. 10(3), pp. 31-35, 38	N	N/A	N/A	Analytical detection of pesticides in mixtures
556.	Li, D.Y., Chen, X.J., Yuan, J., Hu, J.F.	2011d	Biological character observation and insecticide screening of Drosphlia melanogaster on cherry	Guizhou Agricultural Sciences (2011) Vol. 8, pp. 92-94	N	N/A	N/A	Efficacy study
557.	Li, G.L., Jiang, J.Q., Chen, X.L., Wang, Z.L., Zhang, S.J., Zhang, H.Y., Yan, H.H., Yu, W.X.	2011e	Immunological properties of acetamiprid	Jiangsu Journal of Agricultural Sciences (2011) Vol. 27(2), pp. 458-460	N	N/A	N/A	Immunological properties
558.	Li, J., Hu, H., Xu, P., Tang, H.	2011f	Review of technologies for analyzing acetamiprid residue in environmental samples	Xiandai Nongyao (2011) Vol. 10(4) pp. 9-14	N	N/A	N/A	Review of analytical methods for detection of acetamiprid in the environment

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
559.	Li, R., Li, S., Liu, J.	2011g	Studies of hemocytes DNA damage by two pesticides acetamiprid and chlorpyrifos in predaceous spiders of Pardosa astrigera Koch	Acta Ecologica Sinica (2011) Vol. 31(11), pp. 3156-3162	N	N/A	N/A	Hemocytes DNA damage in predaceous spiders
560.	Li, Y-R., Ren, L., Han, J-C.	2011h	The susceptibility of Trialeurodes vaporariorum to commonly used insecticides	Shanxi Nongye Daxue Xuebao, Ziran Kexueban (2011) Vol. 31(2), pp. 134-136	N	N/A	N/A	Efficacy study
561.	Li, J., Wang, Q., Zhang, L., Gao, X.	2012	Characterization of imidacloprid resistance in the housefly Musca domestica (Diptera: Muscidae)	Pesticide Biochemistry and Physiology (2012) Vol. 102.2, pp. 109-114	N	N/A	N/A	Insecticide resistance study
562.	Liang, P., Tian, Y-A., Biondi, A., Desneux, N., Gao, X-W.	2012	Short-term and transgenerational effects of the neonicotinoid nitenpyram on susceptibility to insecticides in two whitefly species	Ecotoxicology (2012) Vol. 21.7, pp. 1889-1898	N	N/A	N/A	Insecticide resistance study
563.	Liao, G.H., Xing, J., Chen, W.L.	2011	Application of high performance liquid chromatography in detection of imidacloprid and acetamiprid residue in tea	Guizhou Agricultural Sciences (2011) Vol. 4, pp. 130-132	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
564.	Lim, E., Kim, D-S., Lee, S-M., Choi, K-S., Lee, D-W., Chung, Y-J., Park, C-G.	2013	Effect of fenitrothion on different life stages of black pine bast scale, Matsucoccus thunbergianae	Journal of Asia-Pacific Entomology (2013) Vol. 16(1), pp. 55-59	N	N/A	N/A	Efficacy study
565.	Lin, Y., Lin, M., Shen, J.	2004	Rearing and susceptibility to four insecticides of small brown planthopper	Nongyao, (2004) Vol. 43(11), pp. 520-521,527	N	N/A	N/A	Efficacy study
566.	Lin, Z., Xiao, T., Xie, S., Chen, M., Wang, S.	2007	Effects of eight insecticides on control of spiraling whitefly	Nongyao (2007) Vol. 46, No. 9, pp. 630-632	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
567.	Lin, Y-Y., Jin, T., Jin, Q-A., Wen, H-B., Peng, Z-Q.,	2012	Differential susceptibilities of Brontispa longissima (Coleoptera: Hispidae) to insecticides in Southeast Asia	Journal of Economic Entomology (2012) Vol. 105.3, pp. 988-993	N	N/A	N/A	Efficacy study
568.	Ling, S-H.	2010	Discussion on development of pesticide formulation from pesticide liquid solvent	Anhui Huagong (2010) Vol. 36, No. 5, pp. 1-6, 8	N	N/A	N/A	Development of pesticide formulations
569.	Liu, Y.	2006	Injury by commonly used tobacco pesticides evaluated in a floating seedling assay	Nongyao (2006) Vol. 45(5), pp. 353-356	N	N/A	N/A	Efficacy study
570.	Liu, X.L., She, D.S.	2010	Observation on biological characteristics of Plagiodera versicolora and test on control by pesticide	Journal of Zhejiang Forestry Science and Technology (2010) Vol. 30(4), pp. 73-75	N	N/A	N/A	Biological characteristics of *P. versicolora* and pesticide control
571.	Liu, H.X., Song, J.M., Zhang, S.S., Qu, I.B., Zhao, Y.F., Wu, Y.J., Liu, H.M.	2005a	Analysis of residues of imidacloprid in tobacco by high-performance liquid chromatography with liquid-liquid partition cleanup	Pest Management Science (2005) Vol. 61(5), pp. 511-514	N	N/A	N/A	Analytical detection of residues in tobacco
572.	Liu, Z.C., Pan, K.B., Mu, Y.F., Yang, M.M.	2005b	Separation and determination of multiple pesticide system by micellar electrokinetic capillary chromatography (MEKC)	Journal of Nanjing Agricultural University (2005) Vol. 28(1), pp. 107-110	N	N/A	N/A	Analytical method for the detection of pesticides
573.	Liu, Z., Willamson, M.S., Lansdell, S.J., Han, Z., Denholm, I., Millar, N.S.	2006	A nicotinic acetylcholine receptor mutation (Y151S) causes reduced agonist potency to a range of neonicotinoid insecticides	Journal of Neurochemistry (2006), Vol. 99(4), pp. 1273-1281	N	N/A	N/A	Insecticide resistance study
574.	Liu, H., Liu, D., Liu, H., Wang, Z., Wang, L.	2008	Modeling of pesticides' acute toxicities to Photobacterium phosphoreum	Huanjing Wuran Yu Fangzhi (2008) Vol. 30, No. 7, pp. 35-38	N	N/A	N/A	Modeling of toxicity to bacteria

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
575.	Liu, K., Zhong, Y.H., Fu, R.G., Zeng, H.Q., Qiu, H.Y.	2010a	Effect of pesticides on the nymphosis and the adult survival of Bactrocera dorsalis	South China Fruits (2010) Vol. 5, pp. 38-40	N	N/A	N/A	Efficacy study
576.	Liu, K., Xu, J., Lin, S.T., Guan, Y.P., Lu, H., Zhong, Y.H.	2010b	Field insecticides trial against cowpea aphid (Aphis craccivora) and Liriomyza sativae	China Vegetables (2010) Vol. 6, pp. 63-66	N	N/A	N/A	Efficacy study
577.	Liu, L., Zhao, G., Pang, Y., Lei, Y., Gao, J., Liu, M.	2010c	Integrated biological and electrochemical oxidation treatment for high toxicity pesticide pollutant	Industrial & engineering Chemistry Research (2010) Vol. 49(12), pp. 5496-5503	N	N/A	N/A	Biological and electrochemical oxidation treatment for pesticide waste water
578.	Liu, Y., Gong, J., Mao, X., Wang, K., Ji, S., Wang, S.	2011b	Determination of 23 pesticide residues in Paeoniae radix Alba using high performance liquid chromatography coupled with mass spectrometry	Nongyaoxue Xuebao (2011) Vol. 13(5), pp. 496-502	N	N/A	N/A	Analytical detection of residues in traditional medicine products
579.	Liu, Z., Jiang, D., Xu, H., Li, X.	2011c	Residual dynamics of acetamiprid in acetamiprid.cntdot.monosultap 45% SP on coco	Nongyao (2011) Vol. 50(7), pp. 515-517	N	N/A	N/A	Analytical detection of residues in foodstuffs
580.	Liu, Y.P., Chen, H.W., Wang, H.W.	2011d	Test on persistence of four pesticides for controlling Dorschia corpulenta Kuwana	Journal of Jiangsu Forestry Science & Technology (2011) Vol. 38(5), pp. 13-16	N	N/A	N/A	Efficacy study
581.	Liu, J-W., Zhang, D-H., Chen, J-Z., Wei, L-Q., Liu, X-N., Zhang, X-T.	2012a	Determination of sensitivity of Aphis gossypii to 12 insecticides	Nongyao (2012) Vol. 51, No. 8, pp. 613-615	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
582.	Liu, H., Zhang, L., Zhang, Z.S.	2012b	In-door toxicity and chemicals sensitivity of Verticillium lecanii on Aphis sp. on Lycium chinese	China Vegetables (2012) Vol. 4, pp. 87-90	N	N/A	N/A	Efficacy study
583.	Liu, Z., Xi, D., Kang, M., Guo, X., Xu, B.	2012c	Molecular cloning and characterization of Hsp27.6: the first reported small heat shock protein from Apis cerana cerana	Cell Stress & Chaperones (2012) Vol. 17.5, pp. 539-51	N	N/A	N/A	Research paper; not relevant
584.	Liu, C.L., Wang, C.Y., Yen, J.H.	2012d	Pesticide monitoring in edible herbal crude drug material in Taiwan	Taiwanese Journal of Agricultural Chemistry and Food Science (2012) Vol. 50(2), pp. 105-111	N	N/A	N/A	Analytical detection of residues in herbal drugs
585.	Liu, X.L., Xu, Y.N., Tang, W.W., Zeng, D.Q.	2013	Development of acetamiprid . pyridaben 10% emulsion in water	Acta Agriculturae Universitatis Jiangxiensis (2013) Vol. 35.3, pp. 549-555	N	N/A	N/A	Development of acetamiprid formulation
586.	Liu, X., Guan, W., Hao, X., Wu, X., Ma, Y., Pan, C.	2014	Pesticide multi-residue analysis in tea using d-SPE sample cleanup with graphene mixed with primary secondary amine and graphitized carbon black prior to LC-MS/MS	Chromatographia (2014) Vol. 77.1-2, pp. 31-37	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
587.	Longhurst, C., Babcock, J.M., Denholm, I., Gorman, K., Thomas, J.D., Sparks, T.C.	2013	Cross-resistance relationships of the sulfoximine insecticide sulfoxaflor with neonicotinoids and other insecticides in the whiteflies Bemisia tabaci and Trialeurodes vaporariorum	Pest Manag Sci. (2013) Vol. 69(7), pp. 809-13	N	N/A	N/A	Insecticide resistance study
588.	Lopez, J.D., Latheef, M.A	2005	An expanded evaluation of insecticidal toxicity to cotton fleahoppers	Proceedings - Beltwide Cotton Conferences (2005) pp. 3053/1-3053/4	N	N/A	N/A	Efficacy/ insecticide toxicity study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
589.	Lopez, J.D. Jr, Hoffmann, W.C., Latheef, M.A., Fritz, B.K., Martin, D.E., Lan, Y.	2008	Adult vial bioassays of insecticidal toxicity against cotton fleahopper, Pseudatomoscelis seriatus	Journal of Pesticide Science (2008) Vol. 33(3), pp. 261-265	N	N/A	N/A	Efficacy study
590.	Long, S., Siegler, M., Li, T.	2007	6-chloronicotinic acid	Acta Crystallographica Section E – Structure Reports Online 63 (2007): O279-O281	N	N/A	N/A	Crystalline structure
591.	Lozano, A., Rajski, Ł., Belmote-Valles, N., Uclés, A., Uclés, S., Mezcua, M., Fernández-Alba, A.R.	2012	Pesticide analysis in teas and chamomile by liquid chromatography and gas chromatography tandem mass spectrometry using a modified QuEChERS method: Validation and pilot survey in real samples	J Chromatogr A. (2012) Vol. 1268, pp. 109-22	N	N/A	N/A	Analytical detection of residues in foodstuffs
592.	Lozowicka, B., Kaczynski, P.	2011	Pesticide residues in apples (2005-2010)	Archives of Environmental Protection (2011) Vol. 37(3), pp. 43-54	N	N/A	N/A	Pesticides residue survey
593.	Lozowicka, B., Kaczynski, P., Rutkowska, E., Jankowska, M.	2011	Exposure of children pesticide residues in apples	Bromatologia i Chemia Toksykologiczna (2011) Vol. 44, No. 4, pp. 1079-1086	N	N/A	N/A	Analytical detection of residues in foodstuffs and levels of exposure
594.	Lu, S., Xu, D., Li, J., Yang, F., Yu, K.	2008	Determination of acetamiprid residue in tea by gas chromatography	Fuijan Fenxi Ceshi (2008) Vol. 17(3), pp. 4-7	N	N/A	N/A	Analytical detection of residues in foodstuffs

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
595.	Lu, Y-H., Ting, Y., Gao, X-W.	2009	Establishment of baseline susceptibility data to various insecticides for aphids, Rhopalosiphum paid (Linneaus) and Sitobion avenae (Fabricus) (Homoptera: Aphididae) by the method of residual film in glass tube	Acta Entomologica Sinica (2009) Vol. 52(1), pp. 52-58	N	N/A	N/A	Efficacy study
596.	Lu, D., Luo, J., Wang, M., Wang, X., Qin, A.	2011	Determination of nicotine pesticide residues in vegetable with sulfur matrix by ultra-performance liquid chromatography-electrospray tandem mass spectrometry	Nongyao (2011) Vol. 50(5), pp. 359-361	N	N/A	N/A	Analytical detection of residues in foodstuffs
597.	Lucas Espadas, A., Hermosilla Cerón, A., Abellán de la Iglesia, A., Sánchez Valero, G., Mingorance Romero, L.	2010	Efficacy of different products for the control of damage by thrips in lemon trees	Levante Agricola (2010) Bol. 49(399), pp. 69-74	N	N/A	N/A	Efficacy study
598.	Luo, C., Jones, C.M., Devine, G., Zhang, F., Denholm, I., Gorman, K.	2010	Insecticide resistance in bemisia tabaci biotype Q (Hemiptera: Aleyrodidae) from China	Crop Protection (2010) Vol. 29(5), pp. 429-434	N	N/A	N/A	Insecticide resistance study
599.	Lysenko, Yu.N., Pluzhnikova, I.	2005	A system of potato protection from diseases with the use of biological control agents	39; I Ovoshchi (2005) Vol. 3, pp. 28-29	N	N/A	N/A	Efficacy study
600.	Ma, H., Jiang, H., Tao, C., Liu, L., Wang, K.	2005	Toxicity evaluations of twenty-seven pesticides to Bombyx mori	Nongyaoxue Xuebao (2005) Vol. 7(2), pp. 156-159	N	N/A	N/A	Efficacy/ insecticide toxicity study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
601.	Ma, Y., Pan, D-M., Peng, J.	2006	Efficacy of new kinds of pesticides on controlling cotton aphid (Aphis gossypii Glover) in the transgenic Bt cotton field	Henan Nongye Daxue Xuebao (2006) Vol. 40(4), pp. 363-365	N	N/A	N/A	Efficacy study
602.	Ma, C-Y., Gao, C-F., Wei, H-J., Shen, J-L.	2007a	Resistance and susceptibility to several groups of insecticides in the small brown planthopper, Laodelphax striatellus (Homoptera: Delphacidae)	Zhongguo Shuidao Kexue (2007) Vol. 21(5), pp. 555-558	N	N/A	N/A	Insecticide resistance study
603.	Ma, D.Y., Denholm, I., Gorman, K., Luo, W.C.	2007b	The resistance status and management strategies of Bemisia tabaci B biotype in Xinjiang	Acta Phytophylacica Sinica (2007) Vol. 34(3), pp. 311-315	N	N/A	N/A	Insecticide resistance study
604.	Ma, L-L., Zhang, C-C., Wu, X-B., Qu, T-Y.	2010	HPLC simultaneous determination of residual amounts of pesticides in fruits and vegetables with solid phase extraction	Lihua Jianyan, Huaxue Fence (2010) Vol. 46(7), pp. 825-828	N	N/A	N/A	Analytical detection of residues in foodstuffs
605.	Ma, Y-H., Gao, Z-L., Li, Y-F., Dang, Z-H., Pan, W-L.	2011	Effect of temperature on the toxicity of several insecticides to the English grain aphid, Sitobion avenae	Chinese Journal of Applied Entomology (2011) Vol. 48(6), pp. 1661-1668	N	N/A	N/A	Efficacy study
606.	Ma, Y., Gao, Z., Dang, Z., Li, Y., Pan, W.	2012	Effect of temperature on the toxicity of several insecticides to Apolygus lucorum (Heteroptera: Miridae)	Journal of Pesticide Science (2012) Vol. 37.2, pp. 135-139	N	N/A	N/A	Efficacy study

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607.	Ma, X.X., Wang, J.T., Sun, M., Wang, W.N., Wu, Q.H., Wang, C., Wang, Z.	2013a	Magnetic solid-phase extraction of neonicotinoid pesticides from pear and tomato samples using graphene grafted silica-coated Fe3O4 as the magnetic adsorbent	Analytical Methods (2013) Vol. 5.11, pp. 2809-2815	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
608.	Ma, Z., Zhao, W., Li, L., Zheng, S., Lin, H., Zhang, Y., Gao, Q., Liu, S.	2013b	Rapid determination of 129 pesticide residues in vegetables and fruits by gas chromatography-triple quadrupole mass spectrometry	Se Pu (2013) Vol. 31(3), pp. 228-39	N	N/A	N/A	Analytical detection of residues in foodstuffs
609.	Ma, J-H., Zhu, M-M., Zhang, R., Yu, H-Y., Ma, R.	*Unknown*	Screening of bio-pesticides on Therioaphis trifolii and effect of pesticides on insect natural enemy	*Unknown*	N	N/A	N/A	Efficacy study
610.	Maccagnani, B., Ferrair, R., Zucchi, L., Bariselli, M.	2008	Measures against grasshoppers while saefguarding bees	Informatore Agrario (2008) Vol. 64(25), pp. 53-56	N	N/A	N/A	Efficacy study
611.	Maciesiak, A., Olszak, R.W.	2005	Perspective of control of cherry fruit fly (Rhagoletis cerasi L.) with neonicotinoid pesticides	Progress in Plant Protection (2005) Vol. 45.2, pp. 877-880	N	N/A	N/A	Efficacy study
612.	Maciesiak, A., Olszak, R.W.	2006	New agents for controlling leaf mining pests in apple orchards	Journal of Fruit and Ornamental Plant Research (2006) Vol. 14 Suppl. 3, pp. 191-195	N	N/A	N/A	Agronomy/ efficacy study
613.	Maciesiak, A., Olszak, R.W.	2009	Occurrence of cherry fruit fly (Rhagoletis cerasi L.) in cherry and sour cherry orchards and some aspects of chemical control	Progress in Plant Protection (2009) Vol. 49(3), pp. 1200-1204	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
614.	Madureira, F.D., da Silva Oliveira, F.A., de Souza, W.R., Pontelo, A.P., de Oliveira, M.L., Silva, G.	2012	A multi-residue method for the determination of 90 pesticides in matrices with a high water content by LC-MS/MS without clean-up	Food Addit Contam Part A Chem Anal Control Expo Risk Assess (2012) Vol. 29(4), pp. 665-78	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
615.	Madzgalji, A., Smailhodzic, H., Guzsvany, V., Gaal, F., Trebse, P., Franko, M.	2012	Thermal lens spectrometic detection of selected neonicotinoids and hexavalent chromium	Journal of Environmental Protection and Ecology (2012) Vol. 13(1), pp. 33-38	N	N/A	N/A	Analytical method for detection of neonicotinoids in biological and environmental samples
616.	Magalhaes, L.C., Walgenbach, J.F.	2011	Life stage toxicity and residual activity of insecticides to Codling Moth and Oriental Fruit Moth (Lepidoptera: Tortricidae)	Journal of Economic Entomology (2011) Vol. 104(6), pp. 1950-1959	N	N/A	N/A	Efficacy study
617.	Magalhaes, L.C., Van Kretschmar, J.B., Barlow, V.M., Roe, R.M., Walgenbach, J.F.	2012	Development of a rapid resistance monitoring bioassay for Codling moth larvae	Pest Management Science (2012) Vol. 68.6, pp. 883-888	N	N/A	N/A	Insecticide resistance study
618.	Mahmoudvand, M., Garjan, A.S., Rahimi, H., Nezhad, A.R.A., Mohajeri, M.E., Mohammadipoor, A., Fazel, M.M.	2011	Susceptibility of males and females of cucumber fruit fly, Dacus ciliatus, to various insecticides in the laboratory conditions	Jordan Journal of Biological Sciences (JJBS) (2011) Vol. 4(4), pp. 213-217	N	N/A	N/A	Efficacy study
619.	Makabe, Y., Miyamoto, F., Hashimoto, H., Nakanishi, K., Hasegawa, Y.	2010	Determination of residual pesticides in process food manufactured from livestock foods and seafoods using ion trap GC/MS	Shokuhin Eiseigaku Zasshi, (2010) Vol. 51, No. 4, pp. 182-195	N	N/A	N/A	Analytical detection of residues in foodstuffs

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
620.	Malaj, N., Ouyang, Z., Sindona, G., Cooks, R.G.	2012	Analysis of pesticide residues by leaf spray mass spectrometry	Analytical Methods (2012) Vol. 4.7, pp. 1913-1919.	N	N/A	N/A	Analytical method for the detection of residues
621.	Malinowski, H.	2006	Systemic insecticides and the possibility of their use in the protection of horse-chestnut trees against the horse-chestnut leafminer (Cameraria ohridella Deschka &Dimić)	Sylwan (2006) Vol. 150(1), pp. 48-57	N	N/A	N/A	Efficacy study
622.	Malinowski, H.	2010a	Response of adult large pine weevils (Hylobius abietis L.) to neonicotinoids (chloronicotinyls) and fenylpirazoles insecticides	Leśne Prace Badawcze (2010) Vol. 71(4), pp. 423-427	N	N/A	N/A	Efficacy study
623.	Malinowski, H.	2010b	Response of large pine weevils (Hylobius abietis L.) to insecticides with different mechanisms of action	Progress in Plant Protection (2010) Vol. 50(1), pp. 149-157	N	N/A	N/A	Efficacy study
624.	Malinowski, H.	2011	Susceptibility of third instar Melolontha soo, white grubs to the contact action of neonicotinoid insecticides	Leśne Prace Badawcze (2011) Vol. 72(1), pp. 17-20	N	N/A	N/A	Efficacy study
625.	Malschi, D.	2004	Research on main cereal pests control in Transylvania	Analele Institutului de Cercetari opentru Cereale si Plante Tehnice, Fundulea (2004) Vol. 71, pp. 277-285	N	N/A	N/A	Efficacy study
626.	Malschi, D.	2005	The pest population evolution and integrated control strategy for sustainable development of wheat crop in Transylvania	Buletinul Universitatii de Stiinte Agricole si Medicina Veterinara Cluj-Napoca. Seria Agricultura (2005) Vol. 61, pp. 137-143	N	N/A	N/A	Efficacy/ agronomy study

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
627.	Mancini, F., Van Bruggen, A.H., Jiggins, J.L., Ambatipudi, A.C., Murphy, H.	2005	Acute pesticide poisoning among female and male cotton growers in India	Int J Occup Environ Health. (2005) Vol. 11(3), pp. 221-32	N	N/A	N/A	Occupational exposure study
628.	Mandal, S.K.	2012	Field evaluation of alternate use of insecticides against chilli thrips, Scirtothrips dorsalis (Hood)	Annals of Plant Protection Sciences (2012) Vol. 20.1, pp. 59-62	N	N/A	N/A	Efficacy study
629.	Mandal, S.K., Mandal, R.K.	2010	Comparative efficacy of insecticides against mustard aphid, Lipaphis erysimi Kalt	Annals of Plant Protection Sciences (2010) Vol. 18(2), pp. 333-335	N	N/A	N/A	Efficacy study
630.	Mandi, N., Senapati, A.K.	2009	Integration of chemical botanical and microbial insecticides for control of thrips, Scirtothrips dorsalis Hood infesting chilli	The Journal of Plant Protection Sciences (2009) Vol. 1(1), pp. 92-95	N	N/A	N/A	Efficacy study
631.	Mando, M.J., Kasem, A.A.H., Al-Chaabi, S., Kumari, S.G.	2011	Susceptibility evaluation of some squash and melon local accessions and hybrid varieties to infection by Zucchini yellow mosaic virus and fruits yield loss assessment	Arab Journal of Plant Protection (2011) Vol. 29(2), pp. 245-252	N	N/A	N/A	Efficacy study
632.	Manjunatha, L., Patil, M.S., Kavitha, T.R., Vanitha, L.S., Mahantesha, S.R.V.	2010	Screening and management of groundnut bud necrosis virus in tomato	Environment and Ecology (2010) Vol. 28(4A), pp. 2459-2463	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
633.	Mansilha, C., Melo, A., Rebelo, H., Ferreira, I.M., Pinho, O., Domingues, V., Pinho, C., Gameiro, P.	2010	Quantification of endocrine disruptors and pesticides in water by gas chromatography-tandem mass spectrometry. Method validation using weighted linear regression schemes	J Chromatogr A. (2010) Vol. 1217(43), pp. 6681-91	N	N/A	N/A	Analytical method for the detection of pesticides in water
634.	Mansilha, C., Melo, A., Ferreira, I.M., Pinho, O., Domingues, V., Pinho, C., Gameiro, P.	2011	Groundwater from infiltration galleries used for small public water supply systems-cContamination with pesticides and endocrine disruptors	Bull Environ Contam Toxicol. (2011) Vol. 87(3), pp. 312-8	N	N/A	N/A	Analytical detection of residues in public water supplies in Portugal
635.	Mansoor-ul-Hasan, Ullah, E., Sagheer, M., Ghouse, G.	2007	Some studies on the integration of chemical control with biological control for cotton insect pest management.	Pakistan Journal of Agricultural Sciences (2007) Vol. 44(2), pp. 277-282	N	N/A	N/A	Efficacy study
636.	Marcić, D., Kljajić, P., Perić, P., Krnjajić, S., Perić, I.	2007	Experimental evaluation of insecticide efficacy in controlling Brevicoryne brassicae L. in cabbage	Acta Horticulturae (2007) Vol. 729, pp. 471-475	N	N/A	N/A	Efficacy study
637.	Marcic, D., Peric, P., Prijovic, M., Ogurlic, I.	2009a	Field and greenhouse evaluation of rapeseed spray oil against spider mites, green peached aphid and pear psylla in Serbia	Bulletin of Insectology (2009) Vol. 62(2), pp. 159-167	N	N/A	N/A	Efficacy study
638.	Marcić, D., Perić, P.	2009b	Field evaluation of natural and synthetic insecticides against Leptinotarsa decemlineata Say.	Acta Horticulturae (2009) Vol. 830, pp. 391-396	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
639.	Marín, A., Martínez Vidal, J.L., Egea Gonzalez, F.J., Garrido Frenich, A., Glass, C.R., Sykes, M.	2004a	Assessment of potential (inhalation and dermal) and actual exposure to acetamiprid by greenhouse applicators using liquid chromatography-tandem mass spectrometry	Journal of Chromatography B. Analytical Technologies in the Biomedical and Life Sciences (2004) Vol. 804(2), pp. 269-275	N	N/A	N/A	Analytical detection of worker exposure
640.	Marín Juan, A., Martinez, Vidal, J.L., Egea Gonzalez, F.J., Garrido Frenich, A., Belomonte Vega, A., Glass, C.R., Sykes, M.	2004b	Biological monitoring of greenhouse workers in Almería	Aspects of Applied Biology (2004) Vol. 71(2), pp. 405-408	N	N/A	N/A	Analytical detection of worker exposure
641.	Marín, J.M., Gracia-Lor, E., Sancho, J.V., López, F.J., Hernández, F.	2009	Application of ultra-high-pressure liquid chromatography-tandem mass spectrometry to the determination of multi-class pesticides in environmental and wastewater samples	J Chromatogr A. (2009) Vol. 1216(9), pp. 1410-20	N	N/A	N/A	Analytical method for the detection of pesticides in water
642.	Martel, A.C., Lair, C.	2011	Validation of a highly sensitive method for the determination of neonicotinoid insecticides residues in honeybees by liquid chromatography with electrospray tandem mass spectrometry	International Journal of Environmental Analytical Chemistry (2011) Vol. 91(10), pp. 978-988	N	N/A	N/A	Analytical method for the determination of residues in honeybees
643.	Martin, M.T., Knudsen, T.B., Reif, D.M., Houck, K.A., Judson, R.S., Kavlock, R.J., Dix, D.J.	2011	Predictive model of rat reproductive toxicity from ToxCast high throughput screening	Biol Reprod. (2011) Vol. 85(2), pp. 327-39	N	N/A	N/A	Compilation of existing data into a predictive model. No new data

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
644.	Martin, L., Mezcua, M., Ferrer, C., Gil Garcia, M.D., Malato, O., Fernandez-Alba, A.R.	2013	Prediction of the processing factor for pesticides in apple juice by principal component analysis and multiple linear regression	Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment (2013) Vol. 30.3, pp. 466-476	N	N/A	N/A	Predictions of processing factors
645.	Martinez-Rocha, L., Beers, E.H., Dunley, J.E.	2008	Effect of pesticides on integrated mite management in Washington State	Journal of the Entomological Society of British Columbia (2008) Vol. 105, pp. 97-107	N	N/A	N/A	Efficacy study
646.	Martins, G.L.M., Toscano, L.C., Tomquelski, G.V., Maruyama, W.I.	2008	Efficiency of insecticides in the control of Dalbulus maidis (Hemiptera: Cicadellidae) on crop corn	Caatinga (2008) Vol. 21(4), pp. 196-200	N	N/A	N/A	Efficacy study
647.	Martins, G.L.M., Toscano, L.C., Tomquelski, G.V., Maruyama, W.I.	2009	Chemical control of green belly stink bug Dichelops melacanthus (Hemiptera: Pentatomidae) on maize	Arquivos do Instituo Biológico (São Paulo) (2009) Vol. 76(3), pp. 475-478	N	N/A	N/A	Efficacy study
648.	Matsuoka, T., Akiyama, Y., Mitsuhashi, T.	2011	Validation of multi-residue method for determination of pesticides in meat products using official guideline of analytical methods in japan	Journal of Pesticide Science (Tokyo, Japan) (2011) Vol. 36(1) pp. 73-78	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
649.	Mazzini, F.	2010	Important “minorö extensions for thiacloprid and acetamiprid	Informatore Agrario Supplemento (2010) Vol. 66(8) Supplemento, pp. 21-26	N	N/A	N/A	Details of approved uses
650.	Mazzini, F.	2013	Crop protection products: new products, changes in employment and exceptional uses	Informatore Agrario (2013) Vol. 69(14), pp. 48-51	N	N/A	N/A	Crop protection products

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
651.	Medina-Pastor, P., Valverde, A., Pihlstrom, T., Masselter, S., Gamon, M., Mezcua, M., Rodriguez-Torreblanca, C., Fernandez-Alba, A.R.	2011	Comparative study of the main top-down approaches for the estimation of measurement uncertainty in multiresidue analysis of pesticides in fruits and vegetables	J Agric Food Chem. (2011) Vol. 59(14), pp. 7609-19	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
652.	Mehmood, M.A., Shah, F., Karar, H., Hameed, A., Saleem, M.S.	2012	Performance of different insecticides against flower thrips (Thysanoptera: Thripidae) on rose cultivar 'Wisky mac'	Pakistan Entomologist (2012) Vol. 34.2, pp. 173-177	N	N/A	N/A	Efficacy study
653.	Mehra, K., Singh, V.	2013	Bioefficacy of new insecticides against Thrips tabaci Lindeman on garlic	Indian Journal of Entomology (2013) Vol. 75.3, pp. 239-241	N	N/A	N/A	Efficacy study
654.	Melo, A., Mansilha, C., Pinho, O., Ferreira, I.M.P.L.V.O.	2012b	Optimisation of a solid-phase microextraction/ HPLC/Diode Array method for multiple pesticide screening in lettuce	Food Chemistry (2012) Vol. 130.4, pp. 1090-1097	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
655.	Melo, A., Mansilha, C., Pinho, O., Ferreira, I.M.P.L.V.O.	2013	Analysis of pesticides in tomato combining QuEChERS and dispersive liquid-liquid microextraction followed by high-performance liquid chromatography	Food Analytical Methods (2013) Vol. 6.2, pp. 559-568	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
656.	Men, X., Yu, Y., Zhang, A., Li, L., Zhang, S., Liu, T.	2011	Toxicity of 10 insecticides to nymphs of Apolygus lucorum, assayed by residual films	Zhiwu Baohu (2011) Vol. 37(4) pp. 154-157	N	N/A	N/A	Efficacy/ Insecticide toxicity study
657.	Meneses, R., Reyes, L., Calvert, L., Triana, M., Cuervo, M., Duque, M.C.	2005	Identification of possible Tagosedes orizicolus biotypes in rice-growing areas of Colombia	Manejo Integrado de Plagas y Agroecología (2005) Vol. 74, pp. 52-58	N	N/A	N/A	Identification of biotypes of *T. orizicolus*

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
658.	Meng, F., Kang, M., Liu, L., Luo, L., Xu, B., Guo, X.	2011	Characterization of the TAK1 gene in Apis cerana cerana (AccTAK1) and its involvement in the regulation of tissue-specific development	BMB Rep. (2011) Vol. 44(3), pp. 187-192	N	N/A	N/A	Genetic regulation of insect development
659.	Merkulova, N.L., Shapovalova, E.N., Shpigun, O.A.	2006	Features of the separation of pesticides of different classes by reversed-phase high-performance chromatography	Journal of Analytical Chemistry (2006) Vol. 61(4), pp. 343-349	N	N/A	N/A	Analytical method for detection of pesticides
660.	Mezcua, M., Malato, O., Garcia-Reyes, J.F., Molina-Diaz, A., Fernandez-Alba, A.R.	2009	Accurate-mass databases for comprehensive screening of pesticide residues in food by fast liquid chromatography time-of-flight mass spectrometry	Analytical Chemistry (Washington DC, United States) (2009) Vol. 81(3), pp. 913-929	N	N/A	N/A	Analytical detection of residues in foodstuffs
661.	Mikhailopulo, K.I., Serchenya, T.S., Kiseleva, E.P., Chernov, Yu.G., Tsvetkova, T.M., Kovganko, N.V., Sviridov, O.V.	2008	Interaction of molecules of the neonicotinoid imidacloprid and its structural analogs with human serum albumin	Journal of Applied Spectroscopy (2008) Vol. 75(6), pp. 857-863	N	N/A	N/A	Interaction of imidacloprid with human serum albumin
662.	Miller, D.K., Downer, R.G., Burris, E., Leonard, B.R., Williams, B.J.	2005a	Control of selected broadleaf weeds with glufosinate as influenced by insecticide coapplication	Weed Technology (2005) Vol. 19(3), pp. 719-723	N	N/A	N/A	Efficacy study
663.	Miller, D.K., Downer, R.G., Burris, E., Wilcut, J.W., Cook, D.R.	2005b	Trifloxysulfuron-insecticide combination effects on broadleaf weed and thrips (Frankliniella spp.) control in cotton	Weed Technology (2005) Vol. 19(3), pp. 762-767	N	N/A	N/A	Insecticide resistance study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
664.	Milz, B., Idros, I.B., Spangenberg, B.	2012	Limits of quantification of some neonicotinoid insecticides measured by thin-layer chromatography	Journal of Liquid Chromatography and Related Technologies 35.10 (Jun 1, 2012): 1404-1414.	N	N/A	N/A	Quantification of neonicotinoid insecticides
665.	Min, Z.W., Hong, S-M., Yang, I-C., Kwon, H-Y., Kim, T-K., Kim, D-H.	2012	Analysis of pesticide residues in brown rice using modified QuEChERS multiresidue method combined with electrospray ionization-liquid chromatography-tandem mass spectrometric detection	J Korean Soc Appl Biol Chem (2012) Vol. 55, pp. 769-775	N	N/A	N/A	Analytical detection of residues in foodstuffs
666.	Minakuchi, C., Inano, Y., Shi, X.Y., Song, D.L., Zhang, Y.J., Miura, K., Miyata, T., Gao, X.W., Tanaka, T., Sonoda, S.	2013	Neonicotinoid resistance and cDNA sequences of nicotinic acetylcholine receptor subunits of the western flower thrips Frankliniella occidentalis (Thysanoptera: Thripidae)	Applied Entomology and Zoology (2013) Vol. 48.4, pp. 507-513	N	N/A	N/A	Insecticide resistance study
667.	Mirzoyan, V.S., Ajemyan, L.H., Karapetyan, T.D., Hanisyan, R.M.	2009	New method of insecticide Mosiplan residues determination by thin layer chromatography	Hayastani Kensabanakan Handes (2009) Vol. 61(1), pp. 69-71	N	N/A	N/A	Analytical detection of residues in water and foodstuffs
668.	Mischchuk, O.V., Stoliar, O.B.	2008	The effect of pesticide acetamiprid on biochemical markers in tissues of fresh water bivalve mussels Anodonta cygnea L. (Unionidae)	Ukrainskiĭ biokhimicheskiĭ zhurnal (2008) Vol. 80(5), pp. 117-24	N	N/A	N/A	Effect of acetamiprid on biochemical markers in bivalve mussels; study is in Ukranian and is therefore not considered relevant

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
669.	Mitrea, I., Mitrea, R., Tuca, O., Stan, C.	2009	Integrated pest and disease management in greenhouse Dianthus caryophyllus L. production	Acta Horticulturae (2009) Vol. 807(2), pp. 751-756	N	N/A	N/A	IPM study
670.	Mishra, N.C., Ram, S., Swain, S.C., Rath, S.	2005	Effect of some new insecticides on the thrips (Scirtothrips dorsalis Hood) and yield of chilli crop in the Eastern Ghat Highland Zone of Orissa	Horticultural Journal (2005) Vol. 18(1), pp. 32-34	N	N/A	N/A	Efficacy study
671.	Mishra, M.K., Singh, R.P., Ali, S.	2012	Chemical control and avoidable yield losses of pigeon pea due to insect pests	Annals of Plant Protection Sciences (2012) Vol. 20.2, pp. 306-309	N	N/A	N/A	Efficacy study
672.	Misra, H.P.	2005	Efficacy of some newer insecticides against the whitefly, Bemisia tabaci Genn. Infesting okra	Orissa Journal of Horticulture (2005) Vol. 33(2), pp. 76-78	N	N/A	N/A	Efficacy study
673.	Misra, H.P.	2006a	Chemical management of the white backed planthopper, Sogatella furcifera Horvath infesting rice	Indian Journal of Entomology (2006) Vol. 68(4), pp. 338-340	N	N/A	N/A	Efficacy study
674.	Misra, H.P.	2006b	Evaluation of insecticides for control of rice gall midge, Orseolia oryzae Wood-Mason	Annals of Plant Protection (2006) Vol. 14(2), pp. 329-331	N	N/A	N/A	Efficacy study
675.	Miyajiri, K., Kondo, H., Kaba, T.	2012	LC/MS/MS method for determination of pesticides in waste water from golf course and results of environmental survey	Kyoto-fu Hoken Kankyo Kenyusho Nenpo (2012) Vol. 57, pp. 102-106	N	N/A	N/A	Analytical method for detection of pesticides in waste water from golf courses

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
676.	Mo, J., Pan, C., Zhang, S., Chen, C., He, H., Cheng, J.	2005	Toxicity of acetamiprid to workers of Reticulitermes flaviceps (Isoptera: Rhinotermitidae), Coptotermes formosanus (Isoptera: Rhinotermitidae) and Odontotermes formosanus (Isoptera: Termitidae)	Nippon Noyaku Gakkaishi (2005) Vol. 30(3), pp. 187-191	N	N/A	N/A	Efficacy study
677.	Mohan, C., Kumar, Y., Madan, J., Saxena, N., Lai, D.	2009	Simultaneous evaluation of neonicotinoids in cotton seed using reverse phase high-performance liquid chromatography	Journal of the Science of Food and Agriculture (2009) vol. 89(7), pp. 1250-1252	N	N/A	N/A	Analytical detection of residues in foodstuffs
678.	Mohan, C., Kumar, Y., Maan, J., Saxena, N.	2010	Multiresidue analysis of neonicotinoids by solid-phase extraction technique using high-performance liquid chromatography	Environmental Monitoring and Assessment (2010) Vol. 165(1-4), pp. 573-576	N	N/A	N/A	Analytical method for detection of residues in agricultural products
679.	Mohanasundaram, A., Sharma, R.K.	2011a	Effect of newer pesticide schedules on the population of Earis vittella (Fabricius) and its predators on okra	Journal of Insect Science (Ludhiana) Vol. 24(3), pp. 280-290	N	N/A	N/A	Efficacy study
680.	Mohanasundaram, A., Sharma, R.K.	2011b	Effect of newer pesticide schedules on the population of sucking pests and predators on okra	Pesticide Research Journal (2011) Vol. 23, No. 1, pp. 55-63	N	N/A	N/A	Efficacy study
681.	Morais, J.W., Figueira, J.A.M., Sampaio, P. de T.B.	2009	Insecticides efficiency on pest control of rosewood (Aniba rosaeodora Ducke) seeds and seedling in greenhouse, Manaus, Amazonas	Acta Amazonica (2009) Vol. 39(3), pp. 533-538	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
682.	Morales, A., Ruiz, I., Oliva, J., Barba, A.	2011	Determination of sixteen pesticides in peppers using high-performance liquid chromatography/mass spectrometry	Journal of Environmental Science and health. Part B, Pesticides, Food Contaminants and Agricultural Wastes (2011) Vol. 46(6), pp. 525-529	N	N/A	N/A	Analytical detection of residues in foodstuffs
683.	Morandi Filho, W.J., Grützmacher, A.D., Botton, M., Bertin, A.	2009	Chemical control of mealybugs Planococcus citri (Risso, 1813) (Hemiptera: Pseudococcidae) in vineyards of different ages	Arquivos do Instituto Biológico (São Paulo) (2009) Vol. 76(3), pp. 427-435	N	N/A	N/A	Efficacy study
684.	Morioka, H., Yuasa, T., Nozaki, Y., Kabayama, K.	2011	Survey of pesticide residues in tea leaves	Miyazaki-ken Eisei Kankyo Kenkyusho Nenpo (2011) Vol. 23, pp. 88-92	N	N/A	N/A	Analytical detection of residues in foodstuffs
685.	Morishita, M.	2006	Susceptibility of the mealybug, Planococcus kraunhiae (Kuwana) (Thysanoptera: Thripidae) to insecticides, evaluated by the petri dish-spraying tower method	Japanese Journal of Applied Entomology and Zoology (Japan) (2006) Vol. 50(3), pp. 211-216	N	N/A	N/A	Efficacy study
686.	Morphet, J., Hancock, P., Rontree, S.	2007	Analysis of pesticide residues with UPLC	LaborPraxis (2007) Vol. 31(4), pp. 56-58	N	N/A	N/A	Analytical detection of residues in foodstuffs
687.	Mota-Sanchez, D., Hollingworth, R.M., Grafius, E.J., Moyer, D.D.	2006	Resistance and cross-resistance to neonicotinoid insecticides and spinosad in the Colorado potato beetle, Leptinotarsa decemlineata (Say) (Coleoptera: Chrysomelidae).	Pest Management Science (2006) Vol. 62(1), pp. 30-37	N	N/A	N/A	Insecticide resistance study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
688.	Mota-Sanchez, D., Wise, J.C., Poppen, R.V., Gut, L.J., Hollingworth, R.M.	2008	Resistance of codling moth, Cydia pomonella (L.) (Lepidoptera: Tortricidae), larvae in Michigan to insecticides with different modes of action and the impact on field residual activity	Pest Management Science (2008) Vol. 64(9), pp. 881-90	N	N/A	N/A	Insecticide resistance study
689.	Moura, A.P., Carvalho, G.A., Rigitano, R.L.de O.	2004	Residual effect of new insecticides used in tomato crop on Trichogramma pretiosum Riley, 1879 (Hymenoptera: Trichogrammatidae)	Acta Scientiarum - Agronomy (2004) Vol. 26.2, pp. 231-237	N	N/A	N/A	Efficacy study
690.	Moura, A.P., Carvalho, G.A., Rigitano, R.L.D.	2005	Toxicity of insecticides used in tomato crop to Trichogramma pretiosum	Pesquisa Agropecuaria Brasileira (2005) Vol. 40(3), pp. 203-210	N	N/A	N/A	Efficacy study
691.	Moura, A.P., Carvalho, G.A., Pereira, A.E., Rocha, L.C.D.	2006	Selectivity evaluation of insecticides used to control tomato pests to Trichogramma pretiosum	BioControl (2006) Vol. 51(6), pp. 769-778	N	N/A	N/A	Efficacy study
692.	Mrowczynski, M., Wegorek, P., Zamojska, J., Pruszynski, G., Wachowiak, H.	2009	Comparison of the results of laboratory and field studies concerning the resistance of pollen beetle (Meligethes aeneus F.) to insecticides in Poland	Progress in Plant Protection (2009) Vol. 49(3), pp. 1205-1210	N	N/A	N/A	Insecticide resistance study
693.	Muhammetoglu, A., Uslu, B.	2007	Application of environmental impact quotient model to Kumluca region, Turkey to determine environmental impacts of pesticides	Water Sci Technol. (2007) Vol. 56(1), pp. 139-45.	N	N/A	N/A	Development of a model to measure the environmental impact of pesticides

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
694.	Muhammetoglu, A., Durmaz, S., Uslu, B.	2010	Evaluation of the Environmental Impact of Pesticides by Application of Three Risk Indicators	Environmental Forensics (2010) Vol. 11(1-2), pp. 179-186	N	N/A	N/A	Environmental impacts of pesticides
695.	Munoz, E., Munoz, G., Pineda, L., Serrahima, E., Centrich, F.	2012	Multiresidue method for pesticide residue analysis in food of animal and plant origin based on GC or LC and MS or MS/MS	Journal of AOAC International, Vol. 95, No. 6, pp. 1777-1796	N	N/A	N/A	Analytical detection of residues in foodstuffs
696.	Muthuswami, M., Indumathi, P., Krishnan, R., Thangamalar, A., Subramanian, S.	2010	Impact of chemicals used for thrips control on silkworm, Bombyx mori L.	Karnatak Journal of Agricultural Sciences (2010) Vol. 23(1), pp. 144-145	N	N/A	N/A	Efficacy study
697.	Nácher-Mastre, J., Ibáñez, M., Serrano, R., Pérez-Sánchez, J., Hernández, F.	2013	Qualitative screening of undesirable compounds from feeds to fish by liquid chromatography coupled to mass spectrometry	J Agric Food Chem. (2013) Vol. 61(9), pp. 2077-87	N	N/A	N/A	Analytical method for the detection of undesirable organic compounds in aquaculture
698.	Nageswara, R.T.	2012	Determination of four neonicotinoid insecticide residues in cotton seed oil using matrix solid-phase dispersion coupled to high-performance liquid chromatography with ultraviolet detection	International Journal of Pharmaceutical, Chemical and Biological Sciences (2012) Vol. 2(4), pp. 447-452	N	N/A	N/A	Analytical detection of residues in foodstuffs

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
699.	Naik, D.J., Thippesha, D., Belavaid, V.V., Devaraju, K.M., Lakshmana, D., Rangaswamy, S.D., Venkatesha, J.	2009	Evaluation of insecticides and organic products against pepper mussel scale, Lepidosaphes piperis Gr. and its correlation with weather factors	Karnataka Journal of Agricultural Sciences (2009) Vol. 22(3), pp. 582-584	N	N/A	N/A	Efficacy study
700.	Naik, D.J., Thippesha, D., Devaraju, K.M., Lakshmana, D., Venkatesha, J.	2010	Bio-efficacy of insecticides against hairy caterpillars, Eupterote canarica Moore, (Eupterotidae: Lepidoptera) in small cardamom and its correlation of weather factors with incidence	Karnataka Journal of Agricultural Sciences (2010) Vol. 23(1), pp. 176-177	N	N/A	N/A	Efficacy study
701.	Nalini, R., Shanthi, M., Rajavel, D.S., Murali Baskaran, R.K.	2008	Bioefficacy of new insecticide molecules on rice leaf folder Marasmia exigua (Butler)	Pestology (2008) Vol. 32(9), pp. 13-15	N	N/A	N/A	Efficacy study
702.	Nam, M.H., Kim, H.S., Lee, W.K., Seong, Y.K., Gleason, M.L., Song, J.Y., Kim, H.G.	2008	Application of an IPM-based spray program to protected cultivation of strawberry in Korea	Horticulture, Environment and Biotechnology (2008) Vol. 49(5), pp. 352-356	N	N/A	N/A	Efficacy study
703.	Nandihalli, B.S.	2009	Bioefficacy of newer insecticide molecules against chilli thrips and fruit borers	Karnataka Journal of Agricultural Sciences (2009) Vol. 22(3), pp. 591-593	N	N/A	N/A	Efficacy study
704.	Naoi, H., Kamata, M.	2011	Evaluation for neonicotinoid pesticide in water environment and water purification process	Kogaku Sogo Kenkyushoho, Kanto Gakuin Daigaku (2011) Vol. 39, pp. 11-17	N	N/A	N/A	Analytical detection of residues in water
705.	Naranjo, S.E., Akey, D.H.	2005	Conservation of natural enemies in cotton: comparative selectivity of acetamiprid in the management of Bemisia tabaci	Pest Management Science (2005) Vol. 61(6), pp. 555-566	N	N/A	N/A	Efficacy study

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706.	Naranjo, S.E., Ellsworth, P.C.	2009	Fifty years of the integrated control concept: moving the model and implementation forward in Arizona	Pest Management Science (2009) Vol. 65(12), pp. 1267-1286	N	N/A	N/A	IPM study
707.	Nardi, S., Ricci, E., Lozzi, R., Marozzi, F., Ladurner, E., Chiabrando, F., Granchelli, L., Verdolini, E., Isidoro, N., Riolo, P.	2011	Control of Rhynchophorus ferrugineus (Olivier, 1790) according to EU Decision 2007/365/EC in the Marche region (Central-eastern Italy)	Bulletin OEPP/EPPO Bulletin (2011) Vol. 41(2), pp. 103-115	N	N/A	N/A	Efficacy study
708.	Nath, V., Sinha, S.R.	2010	Comparative efficacy of neonicotinoids and insecticide mixtures against sucking pests of okra	Annals of Plant Protection Sciences (2010) Vol. 18(2), pp. 506-507	N	N/A	N/A	Efficacy study
709.	Nath, V., Sinha, S.R.	2011	IPM in okra through neonicotinoids, insecticides and their mixtures	Annals of Plant Protection Sciences (2011) Vol. 19(1), pp. 33-36	N	N/A	N/A	IPM study
710.	Naveen, N.C., Kumar, D., Chaubey, R.J., Subrahmanyam, B.	2011	Relative toxicity of insecticides on the population of whitefly Bemisia tabaci (Gennadius) (Hemiptera: aleyrodidae) from cotton and leucaena	Indian Journal of Entomology (2011) Vol. 73(1), pp. 45-48	N	N/A	N/A	Efficacy study
711.	Nielsen, A.L., Shearer, P.W., Hamilton, G.C.	2008	Toxicity of insecticides to Halyomorpha halys (Hemiptera: Pentatomidae) using glass-vial bioassays	Econ Entomol. (2008) Vol. 101(4), pp. 1439-42	N	N/A	N/A	Efficacy study
712.	Nigam, V.D., Sharma, R.C., Ali, S.	2010	Comparative bioefficacy of some insecticides against rice leaf fodder, Cnaphalocrocis medinalis (Guenee)	Indian Journal of Entomology (2010) Vol. 72(4), pp. 293-296	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
713.	Ninsin, K.D.	2004a	Acetamiprid resistance and cross-resistance in the diamondback moth, Plutella xylostella	Pest Management Science (2004) Vol. 60(9), pp. 839-841	N	N/A	N/A	Insecticide resistance study
714.	Ninsin, K.D.	2004b	Selection for resistance to acetamiprid and various other insecticides in the diamondback moth, Plutella xylostella (L.) (Lep., Plutellidae)	Journal of Applied Entomology (2004) Vol. 128(6), pp. 445-451	N	N/A	N/A	Insecticide resistance study
715.	Ninisin, K.D., Tanaka, T.	2005	Synergism and stability of acetamiprid resistance in a laboratory colony of Plutella xylostella	Pest Management Science (2005) Vol. 61.8, pp. 723-727	N	N/A	N/A	Insecticide resistance study
716.	Nomura, H., Ueyama, J., Kondo, T., Saito, I., Murata, K., Iwata, T., Wakusawa, S., Kamijima, M.	2013	Quantitation of neonicotinoid metabolites in human urine using GC-MS	Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences (2013) Vol. 941, pp. 109-115	N	N/A	N/A	Analytical method for the detection of metabolites in human urine
717.	Nougadere, A., Reninger, J., Volatier, J., Leblanc, J.	2011	Chronic dietary risk characterization for pesticide residues: A ranking and scoring method integrating agricultural uses and food contamination data	Food and Chemical Toxicology, (2011) Vol. 49(7), pp. 1484-1510	N	N/A	N/A	Dietary risk assessment methodology
718.	Núñez, O., Gallart-Ayala, H., Ferer, I., Moyano, E., Galceran, M.T.	2012	Strategies for the multi-residue analysis of 100 pesticides by liquid chromatography-triple quadrupole mass spectrometry	J Chromatogr A. (2012) Vol. 1249, pp. 164-80	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
719.	Oellig, C., Schwack, W.	2012	Planar solid phase extraction clean-up for pesticide residue analysis in tea by liquid chromatography-mass spectrometry	Journal of Chromatography A (2012) Vol. 1260, pp. 42-53	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
720.	Okamoto, Y., Takatori, S., Kitagawa, Y., Okihashi, M., Fukui, N., Murata, H., Sumimoto, T., Tanaka, Y., Obana, H.		Determination of pesticides in chinese dumplings using liquid chromatography-tandem mass spectrometry	Shokuhin Eiseigaku Zasshi. (2009) Vol. 50(1), pp. 10-5	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
721.	Okamura, Y., Yamada, K.	2008	Evaluation of analysis of agricultural chemical residues in foods for positive list system	Shimadzu Hyoron (2008) Vol. 65, No. 1/2, pp. 3-13	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
722.	Okazaki, S., Yoshimatsu, H., Wada, S., Ueda, S.	2010	Decrease in susceptibility to acetamiprid of Trialeuroides vaporariorum (Westwood) collected in Oita Prefecture	Kyushu Plant Protection Research (2010) Vol.56, pp. 83-87	N	N/A	N/A	Insecticide resistance study
723.	Olszak, R.W., Maciesiak, A.	2004	Problem of cherry fruit fly (Rhagoletis cerasi) in Poland - flight dynamics and control with some insecticides	Bulletin OILB/SROP (2004) Vol. 27(5), pp. 91-96	N	N/A	N/A	Efficacy study
724.	Olszak, R.W., Ceryngier, P., Warabieda, W.	2004	Influence of some pesticides on fecundity and longevity of Coccinella septempunctata and Adalia bipunctata (Col., Coccinellidae) under laboratory conditions	Bulletin OILB/SROP (2004) Vol. 27(6), pp. 105	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
725.	Orban, G., Oltean, I., Florian, T.	2009	Research on the effectiveness of a range of insecticide in fighting against Synathedon myopaeformis species (Borkhausen, 1789)	Agricultura - Revisita de Stiinta si Practica Agricola (2009) Vol. 18(1/2), pp. 66-70	N	N/A	N/A	Efficacy study
726.	Orita, H., Kashio, T.	2005	Toxic effect of some pesticides on adults and larvae of Aphidoletes aphidimyza (Rondani)	Kyushu Plant Protection Research (2005) Vol. 51, pp. 83-88	N	N/A	N/A	Efficacy study
727.	Oroian, I.	2008	Strategies used for insect control in potato culture	Lucrari Stiintifice – Universitatea de Stiinte Agronomice Bucuresti. Seria A, Agronomie (2008) Vol. 51, pp. 781-788	N	N/A	N/A	Efficacy study
728.	Overmyer, J.P., 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 (2005) Vol. 74(50, pp. 872-879	N	N/A	N/A	Effect of imidacloprid and fipronil on NTA
729.	Palumbo, J.C.	2007a	Evaluation of Movento and Beleaf for control of green peach aphid on broccoli, spring 2006	Arthropod Management Tests (2007) Vol. 32, pp. E2	N	N/A	N/A	Efficacy study
730.	Palumbo, J.C.	2007b	Foliar insecticides for sweetpotato whitefly control on cantaloupes, Spring 2006	Arthropod Management Tests (2007) Vol. 32, pp. E6	N	N/A	N/A	Efficacy study
731.	Palumbo, J.C.	2011a	Evaluation of sulfoxaflor for whitefly control in cantaloupes, 2010	Arthropod Management Tests (2011) Vol. 36, pp. E24/1-E24/2	N	N/A	N/A	Efficacy study
732.	Palumbo, J.C.	2011b	Lettuce aphid control on head lettuce with soil and foliar insecticides, 2010	Arthropod Management Tests (2011) Vol. 36, pp. E44/1	N	N/A	N/A	Efficacy study

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733.	Panahi, O., Hosseinzadeh, J., Delkhoon, S., Lak, Z.	2012	Compatibility of Lecanicillium longisporum with acetamipride and imidaclopride under laboratory conditions	Archives of Phytopathology and Plant Protection (2012) Vol. 45.17, pp. 2009-2013	N	N/A	N/A	Effect of insecticides on fungi
734.	Pandi, G.G.P., Bishwajeet, P., Shah, V., Shankarganesh, K.	2013	Relative toxicity of insecticides against coccinellid beetle, Cheilomenes sexmaculata (Fabricius)	Annals of Plant Protection Sciences (2013) Vol. 21(1), pp. 17-20	N	N/A	N/A	Efficacy/ insecticide toxicity study
735.	Panduranga, G.S., Vijayalakshmi, K., Reddy, K.L.	2011	Evaluation of insecticides for management of Bemisia tabaci and MYMV disease in mung bean [Vigna radiata (L.) Wilczek]	Annals of Plant Protection Sciences (2011) Vol. 19(2), pp. 295-298	N	N/A	N/A	Efficacy study
736.	Paradis, D., Bérail, G., Bonmatin, J-M., Belzunces, L.P.	2014	Sensitive analytical methods for 22 relevant insecticides of 3 chemical families in honey by GC-MS/MS and LC-MS/MS	Anal Bioanal Chem. (2014) Vol. 406, pp. 621-633	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
737.	Paraiba, L.C., Salgado de Castro, V.L.S., Maia, A. de H.N.	2009	Insecticide distribution model in human tissues viewing worker's health monitoring programs	Brazilian Archives of Biology and Technology (2009) Vol. 52(4), pp. 875-881	N	N/A	N/A	Modeling of insecticide distribution in human tissues
738.	Park, S., Lee, S.J., Kim, H.G., Jeong, W.Y., Shim, J.H., Abd El-Aty, A.M., Jeong, S.W., Lee, W.S., Kim, S.T., Shin, S.C.	2010	Residue analysis of multi-class pesticides in watermelon by LC-MS/MS	J Sep Sci. 2010 Vol. 33(4-5), pp. 493-501	N	N/A	N/A	Analytical detection of residues in foodstuffs
739.	Park, J.Y., Choi, J.H., Kim, B.M., Park, J.H., Cho, S.K., Ghafar, M.W., Abd El-Aty, A.M., Shim, J.H.	2011	Determination of acetamiprid residues in zucchini grown under greenhouse conditions: application to behavioral dynamics	Biomed Chromatogr. (2011) Vol. 25(1-2), pp. 136-46	N	N/A	N/A	Detection of residue levels in foodstuffs but is not actual residues trials

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740.	Park, J.S., Seo, M.S., Gil, H.W., Yang, J.O., Lee, E.Y., Hong, S.Y.	2013	Incidence, etiology, and outcomes of rhabdomyolysis in a single terfiary referral center	J Korean Med Sci. (2013) Vol. 28(8), pp. 1194-9	N	N/A	N/A	Rhabdomyolysis after pesticide exposure
741.	Parveen, Z., Khuhro, M.I., Rafiq, N.	2005	Monitoring of pesticide residues in vegetables (2000-2003) in Karachi, Pakistan	Bull Environ Contam Toxicol. (2005) Vol. 74(1), pp. 170-6	N	N/A	N/A	Analytical detection of residues in foodstuffs
742.	Pasqualini, E., Civolani, S., Musacci, S.	2008	Confidor O-TEQ : innovative formulation technology of imidacloprid for the control of Dysaphis plantaginea Pass.	In Giornate Fitopatologiche 2008, Cervia (RA), 12-14 marzo 2008, Volume 1 , by Pasqualini, E, Civolani, S, Musacci, S, 51-56. Bologna, Italy:Università di Bologna, 2008	N	N/A	N/A	Efficacy study
743.	Pasqualini, E., Pradolesi, G., Melandri, M., Scannavini, M., Franceschelli, F., Cavazza, F.	2010	The products effective against vineyard insect pests	Informatore Agrario (2010) Vol. 66(46), pp. 75-80	N	N/A	N/A	Efficacy study
744.	Pasqualini, E., Civolani, S., Vergnani, S., Pradolesi, G., Melandri, M., Zanzi, L., Pagni, M., Casali, G.	2011	Selectivity of neonicotinoids to Anthocoris nemoralis	Informatore Agrario (2011) Vol. 67(30), pp. 64-67	N	N/A	N/A	Efficacy study
745.	Patel, A.V., Vekaria, M.V.	2013	Management of lesser grain borer, Rhyzopertha dominica (F.) on wheat	Indian Journal of Entomology (2013) Vol. 75.4, pp. 347-348	N	N/A	N/A	Efficacy study
746.	Patel, Y., Sharma, H.B., Das, S.B.	2010	Novel insecticides for management of whitefly, Bemisia tabaci (Genn.) in cotton	Annals of Plant Protection Sciences (2010) Vol. 18(1), pp. 6-9	N	N/A	N/A	Efficacy study

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747.	Patel, M.G., Patel, J.R., Rathod, S.T.	2011	Bio-efficacy of newer synthetic insecticides against jassid, Amrasca biguttulla biguttulla Ishida on Cotton Gujvin	Insect Environment (2011) Vol. 17(1), pp. 14-17	N	N/A	N/A	Efficacy study
748.	Patil, N.M., Pujari, C.V.	2011	Field evaluation of some insecticides and biopesticides against red rust thrips (Cheatanophothrips signipennis) in banana	Advances in Plant Sciences (2011) Vol. 24(2), pp. 605-607	N	N/A	N/A	Efficacy study
749.	Patial, A., Mehta, P.K., Sharma, P.C.	2009b	Field efficacy of some insecticides and biopesticides against Leucinodes orbonalis Guenee on brinjal	Environment and Ecology (2009) Vol. 27(1A), pp. 320-325	N	N/A	N/A	Efficacy study
750.	Patil, S.B., Udikeri, S.S., Naik, L.K., Rachappa, V., Nimbal, F., Guruprasad, G.S.	2007	Dantop: a promising new molecule for the management of cotton sap feeding insects	Karnataka Journal of Agricultural Sciences (2007) Vol. 20(1), pp. 47-50	N	N/A	N/A	Efficacy study
751.	Patil, S.B., Udikeri, S.S., Matti, P., Guruprasad, G.S., Hirekurubar, R.B., Shalia, H.M., Vandal, N.B.	2009a	Bioefficacy of new molecule fipronil 5% SC against sucking pest complex in Bt cotton	Karnataka Journal of Agricultural Sciences (2009) Vol. 22(5), pp. 1029-1031	N	N/A	N/A	Efficacy study
752.	Patil, S.B., Patil, B.V., Bvandal, N., Hirekurubar, R.B., Udikeri, S.S.	2011	Development and validation of integrated pest management strategies for Bt cotton under rainfed ecosystem	Indian Journal of Agricultural Sciences (2011) Vol. 81(5), pp. 450-454	N	N/A	N/A	Development and validation of IPM
753.	Patil, S.B., Udikeri, S.S., Vandal, N.B.	2012	Bioefficacy of Verticillium lecanii (1.15% WP) against sucking pest complex on transgenic Bt cotton	Journal of Cotton Research and Development (2012) Vol. 26.2, pp. 222-226	N	N/A	N/A	Efficacy study

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754.	Patil, J., Ashoka, J., Bheemanna, M., Sreenivas, A.G., Naganagoud, A., Rao, K.N.	2013	Management of thrips, Pseudodendrothrips mori (Niwa) using insecticides and botanical (Nimbicidine)	Journal of Entomological Research (2013) Vol. 37(3), pp. 207-209	N	N/A	N/A	Efficacy study
755.	Patten, K., Metzger, C.	2009	Cranberry pest management with OP alternative insecticides	Acta Horticulturae (2009) Vol. 810(1), pp. 411-415	N	N/A	N/A	Efficacy study
756.	Pauly, A., Dubois, M., Brunet, J., Spinelle, L., Ndiaye, A., Guerin, K., Varenne, C., Vinogradov, A.S., Klyushin, A.Y.	2012	An innovative gas sensor system designed from a sensitive organic semiconductor downstream a nanocarbonaceous chemical filter for selective detection of NO2 in an environmental context. Part II: Interpretations of O3/nanocarbons and NO2/nanocarbons interactions	Sensors and Actuators, B: Chemical (2012) Vol. 173, pp. 652-658	N	N/A	N/A	Use of an innovative gas sensor system
757.	Pavela, R., Kazda, J., Herda, G.	2009	Effectiveness of neem (azadirachta indica) insecticides against Brassica pod midge (Dasineura brassicae Winn.)	Journal of Pest Science (2009) Bol. 82(3), pp. 235-240	N	N/A	N/A	Efficacy study
758.	Payá, P., Anastassiades, M., Mack, D., Sigalova, I., Tasdelen, B., Oliva, J., Barba, A.	2007	Analysis of pesticide residues using the Quick Easy Cheap Effective Rugged and Safe (QuEChERS) pesticide multiresidue method in combination with gas and liquid chromatography and tandem mass spectrometric detection	Anal Bioanal Chem. (2007) Vol. 389(6), pp. 1697-714	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs

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759.	Pazini, W.C., Galli, J.C.	2011	Reduction of insecticides applications through the adoption of integrated management tactics of Triozoida limbata (Enderlen, 1918) (Hemiptera : triozidae) in guava tree	Revista Brasileira de Fruticultura (2011) Vol. 33(1), pp. 66-72	N	N/A	N/A	Efficacy study
760.	Peck, G.M., Merwin, I.A., Brown, M.G., Agnello, A.M.	2010	Integrated and organic fruit production systems for 'Liberty' apple in the northeast United States: a systems-based evaluation	HortScience (2010) Bol. 45(7), pp. 1038-1048	N	N/A	N/A	Agronomy study
761.	Pei, X.X., Wang, J.A., Dang, J.Y., Zhang, D.Y.	2009	Effect of pesticides on yield and quality of high quality wheat	Zhongguo Shengtai Nongye Xuebao / Chinese Journal of Eco-Agriculture (2009) Vol. 17(1), pp. 100-104	N	N/A	N/A	Efficacy study
762.	Peres, A.J.A., Toscano, L.C., Tomquelski, G.V., Maruyama, W.I.	2013	Efficiency of insecticides on sucking and influence natural enemies and non-target pest in cotton in Cassilândia-MS	Revista Agrarian (2013) Vol. 6.21, pp. 218-224	N	N/A	N/A	Efficacy study
763.	Pérez-Ortega, P., Gilbert-López, B., García-Reyes, J.F., Ramos-Martos, N., Molina-Díaz, A.	2012	Generic sample treatment method for simultaneous determination of multiclass pesticides and mycotoxins in wines by liquid chromatography-mass spectrometry	J Chromatogr A. (2012) Vol. 1249, pp. 32-40	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
764.	Perić, P., Marcić, D., Prijović, M., Ogurlić, I., Andrić, G.	2009	Effectiveness of biorational pesticides for controlling some vegetable pests in Serbia	Acta Horticulturae (2009) Vol. 830, pp. 531-538	N	N/A	N/A	Efficacy study

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765.	Perović, T., Hrnčić, S.	2008	Control trials of the citrus leaf miner Phyllocnistis citrella Stainton (Lepidoptera, Gracillariidae, Phyllocnistinae) in nurseries	IOBC/WPRS Bulletin (2008) Vol. 38, pp. 195-198	N	N/A	N/A	Efficacy study
766.	Perović, T., Radulović, M., Lazović, B., Malidzan, S., Adakalić, M., Kontić, S.	2006	The control of citrus leaf miner Phyllocnistis citrella Stainton with insecticides of the neonicotinoid and avermectin group	Voćarstvo (2006) Vol. 40(3), pp. 227-235	N	N/A	N/A	Efficacy study
767.	Peshin, R., Dhawan, A.K., Kranthi, K.R., Singh, K.	2009	Evaluation of the benefits of an insecticide resistance management programme in Punjab in India	International Journal of Pest Management (2009) Vol. 55(3)	N	N/A	N/A	Insecticide resistance study
768.	Peterson, C.J.	2012	Longevity of a mixture of acetamiprid and bifenthrin (TransportTM) at the termiticidal application rate	Pest Management Science (2012) Vol. 68.7, pp. 1019-1025	N	N/A	N/A	Efficacy study
769.	Phugare, S.S., Kalyani, D.C., Gaikwad, Y.B., Jadhav, J.P.	2013	Microbial degradation of imidacloprid and toxicological analysis of its biodegradation metabolites in silkworm (Bombyx mori)	Chemical Engineering Journal (2013) Vol. 230, pp. 27-35	N	N/A	N/A	Degradation of imidacloprid
770.	Pillai, K.G.	2008	Monitoring and management of vectors of citrus tristeza virus in Coorg mandarin	Indian Journal of Agricultural Sciences (2008) Vol. 75(4), pp. 445-448	N	N/A	N/A	Efficacy study
771.	Ping, L., Jiang, W., Lu, S., Li, G.	2011	Susceptibility of Colorado potato beetle Leptinotarsa decemlineata adults from northern Xinjiang Uygur autonomous region to 4 neonicotinoids	Nongyaoxue Xuebao (2011) Vol. 13(3), pp. 271-275	N	N/A	N/A	Efficacy study

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772.	Pitarch, E., Portolés, T., Marín, J.M., Ibáñez, M., Albarrán, F., Hernández, F.	2010	Analytical strategy based on the use of liquid chromatography and gas chromatography with triple-quadrupole and time-of-flight MS analyzers for investigating organic contaminants in wastewater	Anal Bioanal Chem. (2010) Vol. 397(7), pp. 2763-76	N	N/A	N/A	Analytical detection of organic contaminants in wastewater
773.	Pizzutti, I.R., de Kok, A., Zanella, R., Adaime, M.B., Hiemstra, M., Wickert, C., Prestes, O.D.	2007	Method validation for the analysis of 169 pesticides in soya grain, without clean up, by liquid chromatography-tandem mass spectrometry using positive and negative electrospray ionization	J Chromatogr A. (2007) Vol. 1142(2), pp. 123-36	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
774.	Pohorecka, K., Skubida, P., Miszczak, A., Semkiw, P., Sikorski, P., Zagibajlo, K., Teper, D., Koltowski, Z., Skubida, M., Zdanska, D., Bober, A.	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. 56.2, pp. 115-134	N	N/A	N/A	Insecticide residues in bee colonies after pesticide application
775.	Polgár, L., García-Reyes, J.F., Fodor, P., Gyepes, A., Dernovics, M., Abrankó, L., Gilbert-López, B., Molina-Díaz, A.	2012	Retrospective screening of relevant pesticide metabolites in food using liquid chromatography high resolution mass spectrometry and accurate-mass databases of parent molecules and diagnostic fragment ions	Journal of Chromatography A (2013) Vol. 1249, pp. 83-91	N	N/A	N/A	Analytical detection of residues in foodstuffs
776.	Pollini, A., Ceroni, M.R.	2005	Protection of apricot from the flower midge	Informatore Agrario (2005) Vol. 61(12), pp. 97-98	N	N/A	N/A	Efficacy study

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777.	Pop, N., Pop, O.M., Berchez, M.	2009	Researches regarding the chemical and integrated control of the greenhouse whitefly, Trialeurodes vaporarium Westwood, in protected areas cultivated with tomatoes	Agricultura – Revista de Stiinta si Practica Agricola (2009) Vol. 18(3/4), pp. 105-111	N	N/A	N/A	Efficacy study
778.	Potter, M.F., Haynes, K.F., Gordon, J.R., Hardebeck, E., Wickemeyer, W.	2012	Dual-action bed bug killers	Pest Control Technology (2012) Vol. 40(3), pp. 62-76	N	N/A	N/A	Efficacy study
779.	Prabhaker, N., Castle, S., Henneberry, T.J., Toscano, N.C.	2005	Assessment of cross-resistance potential to neonicotinoid insecticides in Bemisia tabaci (Hemiptera : Aleyrodidae)	Bulletin of Entomological Research (2006) Vol. 95(6), pp. 535-543	N	N/A	N/A	Insecticide resistance study
780.	Prabhaker, N., Castle, S., Byrne, F., Henneberry, T.J., Toscano, N.C.	2006a	Establishment of baseline susceptibility data to various insecticides for Homalodisca coagulata (Homoptera: Cicadelliae) by comparative bioassay techniques	Journal of Economic Entomology (2006) Vol. 99(1), pp. 141-54	N	N/A	N/A	Efficacy study
781.	Prabhaker, N., Castle, S.J., Toscano, N.C.	2006b	Susceptibility of immature stages of Homalodisca coagulata (Hemiptera: Cicadellidae) to selected insecticides	Journal of Economic Entomology (2006) Vol. 99(5), pp. 1805-1812	N	N/A	N/A	Efficacy study
782.	Parmanik, S.K., Bhattacharyya, J., Dutta, S., Dey, P.K., Bhattacharyya, A.	2006	Persistance of acetamipird in/on mustard (Brassica juncea L.)	Bulletin of Environmental Contamination and Toxicology (2006) Vol. 76(2), pp. 356-360	N	N/A	N/A	Abstract unavailable to determine relevance

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783.	Prasad, S.S., Gupta, P.K., Yadav, U.S.	2010	Comparative efficacy of certain new insecticides against yellow stem borer, Scirpophaga incertulas (Walker) in semi-deep water rice	Research on Crops (2010) Vol. 11(1), pp. 91-94	N	N/A	N/A	Efficacy study
784.	Pree, D.J., Pogoda, M.K., Bittner, L.A., Walker, G.M.	2004	Control of the multicoloured Asian lady beetle, Harmonia axyridis (Pallas) (Coleoptera: Coccinellidae) on grapes in Ontario	Journal of the Entomological Society of Ontario (2004) Vol. 135, pp. 119-123	N	N/A	N/A	Efficacy study
785.	Pree, D.J., Whitty, K.J., Pogoda, M.K., Bittner, L.A.	2005	Status of resistance to insecticides in populations of the oriental fruit moth Grapholita molesta (Busck) (Lepidoptera: Tortricidae) in Southern Ontario	Journal of the Entomological Society of Ontario (2005) Vol. 136, pp. 53-70	N	N/A	N/A	Insecticide resistance study
786.	Preetha, G., Stanley, J.	2012	Influence of neonicotinoid insecticides on the plant growth attributes of cotton and okra	Journal of Plant Nutrition (2012) Vol. 35.8, pp. 1234-1245	N	N/A	N/A	Efficacy study
787.	Price, J.F., Nagle, C.A.	2013	Insecticidal control of adult Haptoncus luteolus as a component of a comprehensive sap beetle management plan in strawberries	International Journal of Fruit Science (2013) Vol. 13.1/2, pp. 227-233	N	N/A	N/A	Efficacy study
788.	Price, P., Emfinger, K.D., Leonard, B.R.	2006	Evaluation of insecticides against cotton aphid, 2005	Arthropod Management Tests (2006) Vol. 31, pp. F25	N	N/A	N/A	Efficacy study

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789.	Prijovic´, M., Drobnjakovic´, T., Marčic´, D., Peric´, P., Petronijevic´, S., Stamenkovic´, S.	2012	Efficacy of insecticides of natural origin in whitefly (Trialeurodes vaporariorum) control in tomato	Acta Horticulturae (2012) Vol. 960, pp. 359-364	N	N/A	N/A	Efficacy study
790.	Pritam, S., Mukherjee, I.	2010	Substitution of toxicologically critical solvents in the residue analysis of acetamiprid: towards green chemistry	Toxicological and Environmental Chemistry (2010) Vol. 92(1), pp. 13-19	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
791.	Procena, P., Teixeira, H., Castanheira, F., Pinheiro, J., Monsanto, P.V., Marques, E.P., Vieria, D.N.	2005	Two fatal intoxication cases with imidacloprid: LC/MS analysis	Forensic Science International (2005) Vol. 153(1), pp. 75-80	N	N/A	N/A	Fatal intoxication of imidacloprid in humans
792.	Pruszynski, G., Pruszynski, S.	2010	Results of preliminary studies on controlling willow beetles (Phratora sp.)	Progress in Plant Protection (2010) Vol. 50(4), pp. 1733-1736	N	N/A	N/A	Efficacy study
793.	Pruszynski, S., Wegorek, P	2004	Strategy for managing Colorado potato beetle (Leptinotarsa decemlineata Say.) resistance in Poland	Progress in Plant Protection (2004) Vol. 44(1), pp. 292-299	N	N/A	N/A	Agronomy study
794.	Przybulewska, K., Nowak, A., Hoppen, B.	2004	Influence of temperature on pesticide action using the example of enzymatic activity of selected soil bacteria	Folia Universitatis Agriculturae Stetinensis, Agricultura (2004) Vol. 93, pp. 333-340	N	N/A	N/A	Influence of temperature on pesticide action
795.	Qiu, K.X., Song. X.Z., Tang, G., Wu, L.J., ShunGeng, M.	2013	Determination of fipronil in acetamiprid formulation by attenuated total reflectance-mid-infrared spectroscopy combined with partial least squares regression	Analytical Letters (2013) Vol. 46.15, pp. 2388-2399	N	N/A	N/A	Analytical detection of fipronil in an acetamiprid formulation

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796.	Qu, F., Zhou, X., Xu, J., Li, H., Xie, G.	2009	Luminescene switching of CdTe quantum dots in presence of p-sulfonatocalix[4]arene to detect pesticides in aqueous solution	Talanta (2009) Vol. 78(4-5), pp. 1359-1363	N	N/A	N/A	Use of quantum dots to detect pesticides in aqueous solution
797.	Qu, W., Lin, R., Shen, R., Jiang, H., Ji, L., Han, X.	2010	The indoor toxicity measurement of 14 kinds of acaricides to Aculops lycii Kuang	Nongyao Kexue Yu Guanli (2010) Vol. 31(5), pp. 45-47	N	N/A	N/A	Efficacy study
798.	Radisic, M., Grujic, S., Vasijevic, T., Lausevic, M.	2009	Determination of selected pesticides in fruit juices by matrix solid-phase dispersion and liquid chromatography-tandem mass spectrometry	Food Chemistry (2009) Vol. 113(2), pp. 712-719	N	N/A	N/A	Analytical detection of residues in foodstuffs
799.	Radwan, O.A., Atalla, I.E.	2005	Monitoring of pesticide residues in drainage water and fish samples collected from different governates, Egypt	Bulletin of Faculty of Agriculture, Cairo university (2005) Vol. 56(1), pp. 189-199	N	N/A	N/A	Environmental levels of pesticides
800.	Ragas, Ad.M.J., Oldenkamp, R., Preeker, N.L., wernicke, J., Schlink, U.	2011	Cumulative risk assessment of chemical exposures in urban environments	Environment International (2011) Vol. 37(5), pp. 872-81	N	N/A	N/A	Cumulative risk assessment of chemical exposures in urban environments
801.	Raghuraman, M., Gupta, G.P.	2005	Field evaluation of neonicotinoids against whitefly Bemisia tabaci Gennadius in cotton	Indian Journal of Entomology (2005) Vol. 67(1), pp. 29-33	N	N/A	N/A	Efficacy study
802.	Raghuraman, M., Gupta, G.P.	2006	Effect of neonicotinoids on jassid, Amrasca devastans (Ishida) in cotton	Annals of Plant Protection Sciences (2006) Vol. 14(1), pp. 65-68	N	N/A	N/A	Efficacy study

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803.	Raghuraman, M., Birah, A., Gupta, G.P.	2008	Bioefficacy of acetamiprid on sucking pests in cotton	Indian Journal of Entomology (2008) Vol. 70(4), pp. 319-325	N	N/A	N/A	Efficacy study
804.	Rajski, Ł., Lozano, A., Uclés, A., Ferrer, C., Fernández,-Alba, A.R.	2013	Determination of pesticide residues in high oil vegetal commodities by using various multi-residue methods and clean-ups followed by liquid chromatography tandem mass spectrometry	J Chromatogr A. (2013) Vol. 1304, pp. 109-20	N	N/A	N/A	Analytical detection of residues in foodstuffs
805.	Ramudu, D.R., Misra, H.P.	2005	Residual effects of some new insecticides and combination against rice gundhi bug, Leptocorisa spp	Plant Protection Bulletin (Faridabad) (2005) Vol. 57.1/2, pp. 33-36	N	N/A	N/A	Efficacy study
806.	Ramudu, D.R., Misra, H.P.	2006a	Chemical control of the rice brown planthopper, Nilaparvata lugens Stal	Journal of Plant Protection and Environment (2006) Vol. 3(2), pp. 59-62	N	N/A	N/A	Efficacy study
807.	Ramudu, D.R., Misra, H.P.	2006b	Studies on efficacy of new insecticides and combinations against rice stem borers in Orissa	Journal of Plant Protection and Environment (2006) Vol. 3(1), pp. 91-94	N	N/A	N/A	Efficacy study
808.	Rao, N.M., Rao, P.S., Reddy, C.N.	2007	Efficacy of some seed dressers and foliar sprays against thrips of blackgram, Phaseolus mungo Linn.	Journal of Applied Zoological Researches (2007) Vol. 18(1), pp. 41-43	N	N/A	N/A	Efficacy study
809.	Rao, G.M.V.P., Prasad, N.V.V.S.D., Grace, A.D.G.	2010	Impact of Bt cotton in different management modules under rainfed agro-ecosystem	Annals of Plant Protection Sciences (2010) Vol. 18(2), pp. 311-314	N	N/A	N/A	Agronomy study
810.	Rao Q., Xu Y., Luo, C., Zhang, H., Jones, C.M., Devine, G.J., Gorman, K., Denholm, I.	2012	Characterisation of neonicotinoid and pymetrozine resistance in strains of Bemisia tabaci (Hemiptera: Aleyrodidae) from China	Journal of Integrative Agriculture (2012) Vol. 11.2, pp. 321-326	N	N/A	N/A	Insecticide resistance study

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811.	Rao, C.N., Shivankar, V.J., Sandnya, D., Dhengre, V.N.	2013	Effect of time of breaking water stress, planting density, organic manuring and certain new insecticides on incidence of Asian citrus psyllid, Diaphorina citri (Hemiptera: Psyllidae)	Indian Journal of Agricultural Sciences (2013) Vol. 83.10, pp. 1022-1026	N	N/A	N/A	Agronomy study
812.	Rashev, S., Dimitrov, Y.	2007	Using of discrimination dose method for resistance cotton leaf aphid (Aphis gossypii Glov.) testing from the region around town of Chirpan	39; dni Nauki (2007) Vol 44(6), pp. 515-519	N	N/A	N/A	Insecticide resistance study
813.	Rawat N., Singh R., Sharma, P.L.	2013	Evaluation of some insecticides against the green peach aphid, Myzus persicae (Sulzer) (Hemiptera: Aphididae)	Indian Journal of Entomology (2013) Vol. 75.2, pp. 113-117	N	N/A	N/A	Efficacy study
814.	Razaq, M., Anjum, S. Aslam, M. Arif, M.J., Saleem, M.A., Khan, M.H.A.	2005	Evaluation of neonicotinoids and conventional insecticides against cotton jassid, Amrasca devastans (Dist.) and cotton whitefly, Bemisia tabaci (Genn.) on cotton	Pakistan Entomologist (2005) Vol. 27(1), pp. 75-78	N	N/A	N/A	Efficacy study
815.	Razaq, M., Anjum, S. Aslam, M. Arif, M.J., Saleem, M.A., Khan, H.A.	2013	Patterns of insecticides used on cotton before introduction of genetically modified cotton in southern Punjab, Pakistan	Pakistan Journal of Zoology (2013) Vol. 45.2, pp. 574-577	N	N/A	N/A	Patterns of pesticide use
816.	Reddy, A.V., Sreehari, G., Kumar, A.K.	2005	Evaluation of certain new insecticides against chilli thrips (Scirtothrips dorsalis) and mites (Polyphagotarsonemus latus)	Research on Crops (2005) Vol. 6.3, pp. 625-626	N	N/A	N/A	Efficacy study

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817.	Reddy, A.V., Sreehari, G., Kumar, A.K., Reddy, K.M.	2006	Testing of certain new insecticides for seed treatment purpose in chilli against thrips (Scirtothrips dorsalis)	Research on Crops (2006) Vol. 7(2), pp. 529-531	N	N/A	N/A	Efficacy study
818.	Reddy, N.A., Gowdar, S.B., Chandrashekhar, S.Y.	2007	Efficacy of acetamiprid against the whitefly, Bemisia tabaci (Genn.), and incidence of okra yellow vein mosaic virus.	Pest Management and Economic Zoology (2007) Vol. 15(1), pp. 89-92	N	N/A	N/A	Efficacy study
819.	Reif, D.M., Martin, M.T., Tan, S.W., Houck, K.A., Judson, R.S., Richard, A.M., Knudsen, T.B., Dix, D.J., Kavlock, R.J.	2010	Endocrine profiling and prioritization of environmental chemicals using ToxCast data	Environ Health Perspect (2010) Vol. 118(12), pp. 1714-20	N	N/A	N/A	Methodology for chemical testing prioritisation
820.	Ren, C.	2009	(E)-6-Chloro-N'-(3,5-dichloro-2-hydroxybenzylidene) nicotinohydrazide	Acta Crystallographica Section E – Structure Reports Online (2009) Vol. 65: O678-U1353	N	N/A	N/A	Structure of (E)-6-Chloro-N'-(3,5-di chloro-2-hydroxybenzyl idene) nicotino hydrazide
821.	Ren, M.Y., Liang, G.M., Zhang, Y.J., Yu, H.K., Chang, H.L., Wu, K.M., Guo, Y.Y.	2007	Efficacy of different insecticides for the control of cotton aphid (Aphis gossypii)	Cotton Science (2007) Vol. 19(3), pp. 199-2014	N	N/A	N/A	Efficacy study
822.	Ren, X., Wang, K., Wang, J.	2010	Synergistic effect of composite reagents to Bemisia tabaci biotype B	Nongyao (2010) Vol. 49, No. 9, pp. 697-699	N	N/A	N/A	Efficacy study

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823.	Ren, S.X., Qiu, B.L., Ge, F., Zhang, Y.J., Du, Y.Z., Chen, X.X., Guo, J.Y., Lin, K.J., Peng, Z.Q., Yao, S.L., Hu, Y.H., Wang, L.D., Zhang, W.Q.	2011a	Research progress of the monitoring, forecast and sustainable management of whitefly pests in China	Chinese Journal of Applied Entomology (2011) Vol. 48(1), pp. 7-15	N	N/A	N/A	Efficacy study
824.	Ren, X.X., Wang, K.Y., Zuo, Y.M., Xiao, C.H., Yang, H.Q.	2011b	The toxicity comparison and application evaluation of pyridaben to three insect pest	Acta Phytophylacia Sinica (2011) Vol. 38(1), pp. 65-69	N	N/A	N/A	Efficacy study
825.	Rizwan-ul-Haq, M., Sabri, M.A., Rashid, A.	2005	Toxicity of nicotinyl insecticides on the haemocytes of red cotton bug, Dysdercus koenigii (Fb.) (Pyrrhocoridae: Hemiptera)	Journal of Agriculture and Social Sciences (Pakistan) (2005) Vol. 1(3), pp. 239-241	N	N/A	N/A	Effect of insecticides on haemocytes of red cotton bug
826.	Roditakis, E., Morou, E., Tsagkarakou, A., Riga, M., Nauen, R., Paine, M., Morin, S., Vontas, J.	2011	Assessment of the Bemisia tabaci CYP6CM1vQ transcript and protein levels in laboratory and field-derived imidacloprid-resistant insects and cross-metabolism potential of the recombinant enzyme	Insect Science (2011) Vol. 18(1), pp. 23-29	N	N/A	N/A	Insecticide resistance study
827.	Rodriguez-Saona, C.R., Polk, D., Wise, J.C., Leskey, T.C., Vandervoort, C.	2013	Lethality of reduced-risk insecticides against plum curculio (Coleoptera: Curculionidae) in blueberries, with emphasis on their curative activity	Pest Management Science (2013) Vol. 69.12, pp. 1334-1345	N	N/A	N/A	Efficacy study

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828.	Roe, R.M., Young, H.P., Iwasa, T., Wyss, C.F., Stumpf, C.F., Sparks, T.C., Watson, G.B., Sheets, J.J., Thompson, G.D.	2010	Mechanism of resistance to spinosyn in the tobacco budworm, Heliothis virescens	Pesticide Biochemistry and Physiology (2010) Vol. 96(1), pp. 8-13	N	N/A	N/A	Insecticide resistance study
829.	Rohini, A., Prasad, N.V.V.S D., Chalam, M.S.V.	2012	Management of major sucking pests in cotton by insecticides	Annals of Plant Protection Sciences (2012) Vol. 20.1, pp. 102-106	N	N/A	N/A	Agronomy study
830.	Romero, W., Scott-Dupree, C.D., Murphy, G., Blom, T., Harris, C.R.	2011	Immersion treatments for imported poinsetta cuttings to control sweetpotato whitefly, Bemisia tabaci (Gennadius) biotype “B” in greenhouses	IOBC/WPRS Bulletin (2011) Vol. 68, pp. 159-162	N	N/A	N/A	Efficacy study
831.	Rosal, C., Betowski, D., Romano, J., Neukom, J., Wesolowski, D., Zintek, L.	2009	The development and inter-laboratory verification of LC-MS libraries for organic chemicals of environmental concern	Talanta (2009) Vol. 79(3), pp. 810-7	N	N/A	N/A	Analytical method libraries for organic chemicals of environmental concern
832.	Rose, P.H.	2012	Nicotine and the neonicotinoids	Issues in Toxicology (2012) Vol. 12, No. Mammalian Toxicology of Insecticides, pp. 184-220	N	N/A	N/A	Review of the mammalian toxicity of neonicotinoids in the context of both nicotine toxicity and mode of action

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833.	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 (2005) Vol. 61(3-4), pp. 189-195	N	N/A	N/A	Analytical method for detection of residues
834.	Rost, H., Markl, M.	2005	Simultaneous determination method of polar pesticides in food	Ernaehrung (Vienna, Austria) (2005) Vol. 29(11), pp. 472-475	N	N/A	N/A	Analytical method for detection of residues in foodstuffs
835.	Rotroff, D.M., Wetmore, B.A., Dix, D.J., Ferguson, S.S., Clewell, H.J., Houck, K.A., Lecluyse, E.L., Andersen, M.E., Judson, R.S., Smith, C.M., Sochaski, M.A., Kavlock, R.J., Boellmann, F., Martin, M.T., Reif, D.M., Wambaugh, J.F., Thomas, R.S.	2010a	Incorporating human dosimetry and exposure into high-throughput in vitro toxicity screening	Toxicol Sci. (2010) Vol. 117(2), pp. 348-58	N	N/A	N/A	Development of high-throughput in vitro toxicity screening
836.	Rotroff, D.M., Beam, A.L., Dix, D.J., Farmer, A., Freeman, K.M., Houck, K.A., Judson, R.S., LeCluyse, E.L., Martin, M.T., Reif, D.M., Ferguson, S.S.	2010b	Xenobiotic-metabolizing enzyme and transporter gene expression in primary cultures of human hepatocytes modulated by ToxCast Chemicals	J Toxicol Environ Health B Crit Rev (2010) Vol. 13(2-4), pp. 329-346	N	N/A	N/A	Research paper only, does not inform as to any hazard arising from acetamiprid

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837.	Rouas, G., Destombes, M., Hulin, L.	2005	Acetamiprid? A systemic insecticide for fruit trees, vegetable crops and tobacco	Phytoma (2005) Vol. 581, pp. 53-55	N	N/A	N/A	Review of acetamiprid properties
838.	Ruiz Montoya, M., Pintado, S., Rodriguez Mellado, J.M.	2011	Reductive cleavage of chlorine from 6-chloronicotinic acid on mercury electrodes	Electrochimica Acta (2011) Vol. 56(12), pp. 4631-4637	N	N/A	N/A	Electro-reduction of 6CNA on mercury electrodes
839.	Rumine, P., Burchi, G.	2005	Soilless gerbera: control of the greenhouse whitefly Trialeurodes vaporariorum	Colture Protette (2005) Vol. 34(1), pp. 75-80	N	N/A	N/A	Efficacy study
840.	Rust, M.K., Saran, R.K.	2008	Toxicity, repellency, and effects of acetamiprid on Western Subterranean Termite (Isoptera: Rhinotermitidae)	Journal of Economic Entomology (2008) Vol. 101(4), pp. 1360-1366	N	N/A	N/A	Efficacy study
841.	Sabale, S.R., Tamhankar, B.V., Dongare, M.M., Mohite, B.S.	2012	Extraction, determination and bioremediation of heavy metal ions and pesticide residues from lake water	Journal of Bioremediation & Biodegradation (2012) Vol. 3(4), pp. 143	N	N/A	N/A	Analytical detection of heavy metals and residues in water
842.	Sabatino, L., Scordino, M., Panto, V., Chiappara, E., Traulo, P., Gagliano, G.	2013	Survey of neonicotinoids and fipronil in corn seeds for agriculture	Food Additives & Contaminants Part B-Surveillance (2013) Vol. 6.1, pp. 11-16.	N	N/A	N/A	Analytical detection of residues in foodstuffs
843.	Sahoo, S.K.	2012	Incidence and management of mustard aphid (Lipaphis erysimi Kaltenbach) in West Bengal	The Journal of Plant Protection Sciences (2012) Vol. 4(1), pp. 20-26	N	N/A	N/A	Efficacy study
844.	Sakakibara, T., Kimura, N., Horiuchi, T., Sasaki, M.	2006	Development of analysis method of agricultural chemicals in soy sauce	Shoyu no Kenkyu to Gijutsu (2006) Vol. 32(5), pp. 303-311	N	N/A	N/A	Analytical detection of residues in foodstuffs

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
845.	Salas, H., Casmuz, A., Zapateiel, S., Bernal, M., Lazcano, J., Cejas, S.	2006	Seed treatments for the control of Sternechus subsignatus on soyabeans	Avance Agroindustrial (2006) Vol. 27(3), pp. 42-43	N	N/A	N/A	Agronomy/ Efficacy study
846.	Sánchez-Bayo, F.	2006	Comparative acute toxicity of organic pollutants and reference values for crustaceans. I. Branchiopoda, Copepoda and Ostracoda	Environ Pollut (2006) Vol. 139(3), pp. 385-420	N	N/A	N/A	Review paper
847.	Sannino, L.	2005	Insect pests of tobacco	Informatore Fitopatologico (2005) Vol. 55(2), pp. 7-10	N	N/A	N/A	Insect pests of tobacco
848.	Sannino, L., Piro, F.	2010	New opportunities to combat whiteflies in tomato	Informatore Agrario (2010) Vol. 66(23), pp. 59-61	N	N/A	N/A	Agronomy study
849.	Sanyal, D.	2008	Determination of acetamiprid in cotton, rice and chili using accelerated solvent extractor	Pesticide Research Journal (2008) Vol. 2091), pp. 151-154	N	N/A	N/A	Analytical detection of residues in foodstuffs
850.	Sanyal, D., Chakma, D., Alam, S.	2008	Persistence of a neonicotinoid insecticide, acetamiprid on chili (Capsicum annum l.)	Bulletin of Environmental Contamination and Toxicology (2008) Vol. 81(4), pp. 365-368	N	N/A	N/A	Efficacy study
851.	Satapathy, C.R., Mukherjee, S.K.	2012	Efficacy of some new insecticides against tissue borer of rice and effect on grain yield	Journal of Plant Protection and Environment (2012) Vol. 9.1, pp. 29-32	N	N/A	N/A	Efficacy study
852.	Satish, M., Reddy, K.D., Basappa, H., Singh, T.V.K.	2004	Insecticidal management of Thrips palmi (Karny) on sunflower	Indian Journal of Entomology (2004) Vol. 66(2), pp. 119-120	N	N/A	N/A	Agronomy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
853.	Sayyed, A.H., Crickmore, N.	2007	Selection of a field population of diamondback moth (Lepidoptera: Plutellidae) with acetamiprid maintains, but does not increase, cross-resistance to pyrethroids	Journal of Economic Entomology (2007) Vol. 100(3), pp. 932-938	N	N/A	N/A	Insecticide resistance study
854.	Sayyed, A.H., Saeed, S., Noor-Ul-Ane, M., Crickmore, N.	2008	Genetic, biochemical and physiological characterization of spinosad resistance in Plutella xylostella (Lepidoptera: Plutellidae)	Journal of Economic Entomology (2008) Vol. 101(5), pp. 1658-1666	N	N/A	N/A	Insecticide resistance study
855.	Scarpellini, J.R., Marques, J.A., Gentilin Júnior, O.	2004	Control of thrips Enneothrips flavens (Moulton, 1941) (Thysanoptera: Thripidae) through foliar and seed treatment, and the effects on peanut yield	Arquivos do Instituto Biológico (São Paulo) (2004) Vol. 71.Suplemento, pp. 284-286	N	N/A	N/A	Efficacy study
856.	Schenke, D., Jäckel, B., Schmidt, H.	2008	Residues of acetamiprid in leaves of Aesculus hippocastanum and effects on the horse chestnut leaf miner (Cameraria ohridella) following trunk spraying	IOBC/WPRS Bulletin (2008) Vol. 35, pp. 1-9	N	N/A	N/A	Efficacy study
857.	Schummer, C., Mothiron, E., Appenzeller, B.M.R., Wennig, R., Millet, M.	2010	Gas/particle partitioning of currently used pesticides in the atmosphere of Strasbourg (France)	Air Quality, Atmosphere & Health (2010) Vol. 3(3), pp. 171-181	N	N/A	N/A	Environmental monitoring
858.	Schuster, D.J.	2005a	Management of the silverleaf whitefly and leafminers on fresh market tomatoes with soil insecticide applications, Spring 2004	Arthropod Management Tests (2005) Vol. 30, pp. E85	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
859.	Schuster, D.J.	2005b	Pepper weevil control on bell pepper, spring 2004	Arthropod Management Tests (2005) Vol. 30, pp. E50	N	N/A	N/A	Efficacy study
860.	Schuster, D.J., Shurtleff, A., Kalb, S.	2009a	Soil and foliar insecticide applications for control of the silverleaf whitefly on fresh market tomatoes, fall 2006	Arthropod Management Tests (2009) Vol. 34, pp. E73	N	N/A	N/A	Efficacy/ agronomy study
861.	Schuster, D.J., Shurtleff, A., Kalb, S.	2009b	Soil and foliar insecticide applications for management of the silverleaf whitefly and TYCLV on fresh market tomatoes, fall 2007	Arthropod Management Tests (2009) Vol. 34, pp. E77	N	N/A	N/A	Efficacy/ agronomy study
862.	Scroggs, D.M., Miller, D.K., Griffin, J.L., Geaghan, J.P., Vidrine, P.R., Stewart, A.M.	2005	Glyphosate efficacy on selected weed species is unaffected by chemical coapplication	Weed Technology (2005) Vol. 19(4), pp. 1012-106	N	N/A	N/A	Efficacy study
863.	Seccia, S., Fidente, P., Barbini, D.A., Morrica, P.	2005	Multiresidue determination of nicotinoid insecticide residues in drinking water by liquid chromatography with electrospray ionization mass spectrometry	Analytica Chimica Acta (2005) Vol. 553(1-2), pp. 21-26	N	N/A	N/A	Analytical method for detection of residues in water
864.	Seccia, S., Fidente, P., Montesano, D., Morrica, P.	2008	Determination of neonicotinoid insecticides residues in bovine milk samples by soild-phase extraction clean-up and liquid chromatography with dioade-array detection	Journal of Chromatography A (2008) Vol. 1214(1-2), pp. 115-120	N	N/A	N/A	Analytical method for detection of residues in foodstuffs

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865.	Seidenglanz, M., Rotrekel, J., Smýkalová, I., Poslušná, J., Kolarík, P.	2010	Differences between the effects of insecticidal seed and foliar treatments on pea leaf weevils (Sitona lineatus L.) in the field pea (Pisum sativum L.)	Plant Protection Science (2010) Vol. 46(1), pp. 25-33	N	N/A	N/A	Efficacy study
866.	Seidenglanz, M., Rotrekel, J., Poslusna, J., Kolarik, P.	2011	Ovicidal effects of thiacloprid, acetamiprid, lambda-cyhalothrin and alpha-cypermethrin on Bruchus pisorum L. (Coleoptera: Chrysomelidae) eggs	Plant Protection Science (2011) Vol. 47(3), pp. 109-114	N	N/A	N/A	Efficacy study
867.	Semtner, P.J., Srigiriraju, L.	2005a	Aphid, flea beetle, and thrips control on flue-cured tobacco with transplant water and tray drench treatments, 2004	Arthropod Management Tests (2005) Vol. 30, pp. F87	N	N/A	N/A	Efficacy study
868.	Semtner, P.J., Srigiriraju, L.	2005b	Flea beetle and aphid control on burley tobacco with transplant water and tray drench treatments, 2004	Arthropod Management Tests (2005) Vol. 30, pp. F88	N	N/A	N/A	Efficacy study
869.	Seo, M.J., Yang, J.O., Yoon, C.M., Youn, Y.N., Kim, G.H.	2007	Differentiation in feeding behaviour of biotypes B and Q of Bemisia tabaci (Homoptera: Aleyrodidae) against three insecticides.	Korean Journal of Applied Entomology (2007) Vol. 46(3), pp. 401-408	N	N/A	N/A	Efficacy study
870.	Seta, G., Gauszka, A.	2012	Influence of insecticide acetamipride in tank-mix with fungicides flutriafole and tebuconazole and their effect on the pods health and yielding of winter oilseed rape	Progress in Plant Protection (2012) Vol. 52.3, pp. 752-756	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
871.	Seta, G., Ledzinska, E.	2011	Effectiveness of control applied against Ceutorhynchus pallidactylus and Meligethes aeneus in winter oilseed rape in relation to the number of treatments, type of insecticide and weather conditions	Progress in Plant Protection (2011) Vol. 51(2), pp. 954-964	N	N/A	N/A	Efficacy study
872.	Seta, G., Wolski, A.	2006	Trial of qualification of harmfulness and effectiveness of Meligethes aeneus F. and Ceutorhynchus pallidactylus Marsh. on winter oilseed rape control in dependence of air temperature in spring time	Progress in Plant Protection (2006) Vol. 46(2), pp. 390-394	N	N/A	N/A	Efficacy study
873.	Shad, S.A., Sayyed, A.H., Saleem, M.A.	2010	Cross-resistance, mode of inheritance and stability of resistance to emamectin in Spodoptera litura (Lepidoptera: Noctuidae)	Pest Management Science (2010) Vol. 66(8), pp. 839-846	N	N/A	N/A	Insecticide resistance study
874.	Shah, R.	2010	The efficacy of some new insecticides against the vectors of viruses of potato	Mycopath (2010) Vol. 8(1), unpaginated	N	N/A	N/A	Efficacy study
875.	Shah, S.I.A., Khan, I.A., Hussain, Z., Maaz, A., Ahmad, S.	2007a	Comparing the effectiveness of a biopesticide with three synthetic pesticides for aphid control in wheat	Sarhad Journal of Agriculture (2007) Vol. 23(3), pp. 723-728	N	N/A	N/A	Efficacy study
876.	Shah, M.J., Ahmad, A., Hussain, M., Yousaf, M.M., Bashir, A.	2007b	Efficiency of different insecticides against sucking insect-pest complex and effect on the growth and yield of mungbean (Vigna radiata L.).	Pakistan Entomologist (2007) Vol. 29(2), pp. 83-85	N	N/A	N/A	Efficacy study

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877.	Shah, I., Houck, K., Judson, R.S., Kavlock, R.J., Martin, M.T., Reif, D.M., Wambaugh, J., Dix, D.J.	2011	Using nuclear receptor activity to stratify hepatocarcinogens	PLoS One (2011) Vol. 6(2)	N	N/A	N/A	Analysis of in vitro human nuclear receptor activity
878.	Shah, V., Bishwajeet, P., Pandi, G.G.P., Shankarganesh, K.	2012a	Relative toxicity of insecticides on larval stages of green lacewing, Chrysoperla sp. (carnea -group) (Chrysopidae: Neuroptera)	Indian Journal of Entomology (2012) Vol. 74.4, pp. 394-397	N	N/A	N/A	Efficacy study
879.	Shan, C., Ma, S., Wang, M., Gao, G.	2012b	Evaluation of insecticides against the western flower thrips, Frankliniella occidentalis (Thysanoptera:Thripidae) in the laboratory	Florida Entomologist (2012) Vol. 95(2), pp. 454-460	N	N/A	N/A	Efficacy study
880.	Shao, X., Xia, S., Durkin, K.A., Casida, J.E.	2013	Insect nicotinic receptor interactions in vivo with neonicotinoid, organophosphorus, and methylcarbamate insecticides and a synergist	Proc Natl Acad Sci USA (2013) Vol. 110(43), pp. 17273-7	N	N/A	N/A	In vivo insect nicotinic receptor interactions
881.	Sharma, D.R.	2010	Bioefficacy of insecticides against peach leaf curl aphid, Brachycaudus helichrysi (Kaltenbach) in Punjab	Indian Journal of Entomology (2010) Vol. 72(3), pp. 217-222	N	N/A	N/A	Efficacy study
882.	Sharma, D.R., Bhatti, I.S.	2012	Bio-efficacy of neonicotinoid insecticides against Phyllocnistis citrella Stainton in drip-irrigated Kinnow plants	Annals of Plant Protection Sciences (2012) Vol. 20.2, pp. 334-337	N	N/A	N/A	Efficacy study

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
883.	Sharma, D.R., Chadda, R.	2010	Translocation of neo-nicotinoid insecticides in relation to height of rough lemon rootstock plants against Phyllocnistis citrella Stainton	Journal of Insect Science (Ludhiana) (2010) Vol. 23(2), pp. 204-208	N	N/A	N/A	Translocation of soil applied neonicotinoids
884.	Sharma, S., Singh, B.	2013	Persistence behaviour of imidacloprid and its metabolites in soil under sugarcane	Environmental Monitoring and Assessment (Nov 26, 2013)	N	N/A	N/A	Environmental fate of imidacloprid
885.	Sharma, P.K., Srivastava, A.	2008	Efficacy of insecticides in rice in mid-hills of Himachal Pradesh	Agricultural Sciences Digest (2008) Vol. 28(4), pp. 277-279	N	N/A	N/A	Efficacy study
886.	Sharma, O.P., Bhosle, B.B., Kamble, K.R., Bhede, B.V., Seeras, N.R.	2011	Management of pigeonpea pod borers with special reference to pod fly (Melangromyza obtusa)	Indian Journal of Agricultural Sciences (2011) Bol. 81(6), pp. 539-543	N	N/A	N/A	Efficacy study
887.	Shayanfar, A., Fakhree, M.A.A., Jouyban, A.	2010	A simple QSPR model to predict aqueous solubility of drugs	Journal of Drug Delivery Science and Technology (2010) Vol. 20(6), pp. 467-476	N	N/A	N/A	Aqueous solubility of drugs
888.	Shearer, P.W., Walgenbach, J.F., Krawczyk, G.	2007	Baseline toxicity of new insecticides for Grapholita molesta management	Bulletin OLIB/SROP (2007) Vol. 30(4), pp. 215-219	N	N/A	N/A	Efficacy study
889.	Shelton, A.M., Zhao, J-Z., Nault, B.A., Plate, J., Musser, F.R., Larentzaki, E.	2007	Patterns of insecticide resistance in onion thrips (Thysanoptera: Thripidae) in onion fields in New York	Journal of Economic Entomology (2007) Vol. 99(5), pp. 1798-1804	N	N/A	N/A	Insecticide resistance study
890.	Shelton, A.M., Plate, J., Chen, M.	2008	Advances in control of onion thrips (Thysanoptera: Thripidae) in cabbage	Journal of Economic Entomology (2008) Vol. 101(2), pp. 438-443	N	N/A	N/A	Efficacy study

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891.	Shen, P., Lin, H-F., Li, S-G., Zhang, Y-M., Yao, J., He, Y-J.	2011a	Indoor toxicity and field efficacy of four insecticides against the larva of Phabdophaga salics	Journal of Anhui Agricultural University (2011) Vol. 38(5), pp. 748-752	N	N/A	N/A	Efficacy study
892.	Shen, Y., Liu, X., Xu, D., Sun, X.	2011b	Multi-residue determination of twelve pesticides by LC-MS-MS in wheat	Nongyao (2011) Vol. 50(11), pp. 831-833	N	N/A	N/A	Analytical detection of residues in foodstuffs
893.	Shettigar, M., Pearce, S., Pandey, R., Khan, F., Dorrian, S.J., Balotra, S., Russell, R.J., Oakeshott, J.G., Pandey, G.	2012	Cloning of a novel 6-chloronicotinic Acid chlorohydrolase from the newly isolated 6-chloronicotinic acid mineralizing Bradyrhizobiaceae strain SG-6C	PLoS One (2012) Vol. 7.11	N	N/A	N/A	Research paper; not relevant
894.	Shi, J., Yan, H-H., Liu, H-M., Hu, B., Huang, W., Li, C-B.	2011a	Determination of 38 pesticides residues in tobacco by liquid chromatography-tandem mass spectrometry	Zhongguo Yancao Xuebao (2011) Vol. 17(4), pp. 16-22	N	N/A	N/A	Analytical detection of residues in tobacco
895.	Shi, X.B., Jiang, L.L., Wang, H.Y., Qiao, K., Wang, D., Wang, K.Y.	2011b	Toxicities and sublethal effects of seven neonicotinoid insecticides on survival, growth and reproduction of imidacloprid-resistant cotton aphid, Aphis gossypii	Pest Management Science (2011) Vol. 67(12), pp. 1528-1533	N	N/A	N/A	Efficacy study
896.	Shi, H., Zhao, G., Liu, M., Fan, L., Cao, T.	2013	Aptamer-based colorimetric sensing of acetamiprid in soil samples: Sensitivity, selectivity and mechanism	Journal of Hazardous Materials (2013) Vol. 260, pp. 754-761	N	N/A	N/A	Analytical method for the detection of acetamiprid in soil

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897.	Shibao, M., Morikawa, S., Adachi, T., Kaetsu, K., Yamasaki, M., Isobe, T., Tanaka, H.	2011	Effect of foaming application of insecticides on insect pests of cabbage and eggplant	Annual Report of the Kansai Plant Protection Society (2011) Vol. 53, pp. 21-24	N	N/A	N/A	Efficacy study
898.	Shim, W-B., Yakoleva, M.E., Kim, K-Y., Nam, B-R., Vylegzhanina, E.S., Komarov, A.A., Eremin, S.A., Chung, D-H.	2009	Development of fluorescence polarization immunoassay for the rapid detection of 6-chloronicotinic acid: main metabolite of neonicotinoid insecticides	Journal of Agricultural and Food Chemistry (2009) Vol. 57(3), pp. 791-6	N	N/A	N/A	Analytical method for detection of 6-chloronicotinic acid
899.	Shimomoto, M.	2006	Effects of insecticides on Neochrysocharis formosa (Westwood)	Bulletin of the Kochi Agricultural Research Center (Japan) (2006) Vol. 15, pp. 17-23	N	N/A	N/A	Efficacy study
900.	Shinde, C.U., Patel, M.B., Mehendale, S.K.	2009	Studies on relative toxicity of different insecticides on larvae of Chrysoperia carnea (Stephens)	Insect Environment (2009) Vol. 15(2), pp. 67-69	N	N/A	N/A	Efficacy study
901.	Shindo, J.I.	2006	Occurrence of pea leafminer Liriomyza huidobrensis (Blanchard) (Diptera: Agromyzidae) in 2005 in Aomori prefecture and effective granular insecticides for control.	Annual Report of the Society of Plant Protection of North Japan (2006) Vol. 57, pp. 188-191	N	N/A	N/A	Agronomy/ efficacy study
902.	Shindo, J., Isnitani, M., Kitano, N.	2008	Effect of insecticides against the garden pea leafminer (Chromatomyia horticola (Goureau) (Diptera: Agromyzidae)	Annual Report of the Society of Plant Protection of North Japan (2008) Vol. 9, pp. 174-178	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
903.	Shindo, J., Kaitano, N., Ishitani, M.	2010	Effect of soil application of granular insecticides against the foxglove aphid Aulacorthum solani (Kaltenbach) (Homoptera: Aphididae)	Annual Report of the Society of Plant Protection of North Japan (2010) Vol. 61, pp. 141-145	N	N/A	N/A	Efficacy study
904.	Shojaei, F., Shojaaddini, M., Ahmadi, K.	2012	The efficacy of acetamipride, hexaflumuron and botanical Insecticide, Neemarin, for controlling common pistachio psylla	Julius-Kühn-Archiv (2012) Vol. 438, pp. 391	N	N/A	N/A	Efficacy study
905.	Shoukat, G.A.A., Koliaei, R.	2007	Study on the efficacy of some new insecticides on codling moth, Cydia pomonella L., in Orumich apple orchards	Agricultural Science (Tabriz) (2007) Vol. 17(1), pp. 119-126	N	N/A	N/A	Efficacy study
906.	Shreevani, G.N., Sreenivas, A.G., Bheemanna, M., Hosamani, A.C.	2012	Toxicity studies of neonicotinyls against leafhopper [Amrasca biguttula biguttula (Ishida)] on bt cotton	Karnataka Journal of Agricultural Sciences (2012) Vol. 25.4, pp. 540-542	N	N/A	N/A	Efficacy study
907.	Silowiecki, A., Miszczyk, M., Stadniczuk, M.	2010	Analytical methods in detecting falsifications of plant protection products	Progress in Plant Protection (2010) Vol. 50(4), pp. 1972-1979	N	N/A	N/A	Analytical method for the detection of incorrectly formulated PPP
908.	Silva, L.D., Omoto, C., Bleicher, E., Dourado, P.M.	2009	Monitoring the susceptibility to insecticides in Bemisia tabaci (Gennadius) (Hemiptera: Aleyrodidae) populations from Brazil	Neotropical Entomology (2009) Vol. 38(1), pp. 116-125	N	N/A	N/A	Efficacy study
909.	Silva, M.R.L., Canteri, M.G., Leite Junior, R.P.	2012	Neonicotinoid insecticide induces resistance to citrus canker in sweet orange	Tropical Plant Pathology (2012) Vol. 37(1), pp. 65-75	N	N/A	N/A	Insecticide resistance study

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910.	Simedru, D., Naghiu, A., Cadar, O.	2012	LC/MS/MS method for investigation of five usual pesticides from water	Studia Universitatis Babes-Bolyai Chemia (2012) Vol. 57.1, pp. 135-144	N	N/A	N/A	Analytical method for the detection of pesticides in water
911.	Singh, B., Gupta, D.	2006	Efficacy of some new insecticides against the woolly apple aphid, Eriosoma lanigerum (Hausmann)	Pest Management and Economic Zoology (2006) Vol. 14(1/2), pp. 63-66	N	N/A	N/A	Efficacy study
912.	Singh, D.K., Kumar, S.	2007	Nitrate reductase, arginine deaminase, urease and dehydrogenase activities in natural soil (ridges with forest) and in cotton soil after acetamiprid treatments	Chemosphere (2007) Vol. 71(3), pp. 412-8	N	N/A	N/A	Effects on soil enzyme activities
913.	Singh, H., Saravanan, L.	2008	Seasonal incidence and management of pea leaf miner Phytomyza horticola Gourear infesting pea	International Journal of Plant Protection (2008) Vol. 1(2), pp. 33-37	N	N/A	N/A	Efficacy/ Agronomy study
914.	Sinha, S.R., Sharma, R.K.	2008	Utilization of some novel insecticide schedules in insect pest management of okra (Abelmoschus esculentus)	Pesticide Research Journal (2008) Vol. 20(2), pp. 234-236	N	N/A	N/A	Insecticide resistance study
915.	Singh, S.P., Singh, Y.P.	2009	Bio-efficacy of pesticides against mustard aphid	Annals of Plant Protection Sciences (2009) Vol. 17(1), pp. 240	N	N/A	N/A	Efficacy study
916.	Singh, R.K., Verma, R.A.	2008	Relative efficacy of certain insecticides against mustard aphid (Lipaphis erysimi) on Indian mustard (Brassica juncea)	Indian Journal of Agricultural Sciences (2008) Vol. 78(9), pp. 821-823	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
917.	Singh, S.S., Yadav, S.K.	2007	Efficacy of some new insecticides against mango shoot gall psylla	Indian Journal of Horticulture (2007) Vol. 64(3), pp. 359-361	N	N/A	N/A	Efficacy study
918.	Singh, S., Chaudhary, D.P., Mathur, Y.S., Sharma, H.C.	2005	Efficacy of two nitroguanidine insecticides against the jassid Amrasca biguttula biguttula (Ishida) on okra	Pest Management and Economic Zoology (2005) Vol. 13.1, pp. 135-139	N	N/A	N/A	Efficacy study
919.	Singh, R.K., Verma, R.A., Rajak, D.C.	2008a	Bio-efficacy of insecticides against mustard sawfly on mustard	Annals of Plant Protection Sciences (2008) Vol. 16(1), pp. 208-209	N	N/A	N/A	Efficacy study
920.	Singh, J.P., Jaiswal, A.K., Monobrullah, M., Bhattacharya, A.	2008b	Evaluation of insecticides for management of pentatomid bug, Cyclopelta obscura – a pest of palas, Butea monosperma	Indian Journal of Entomology (2008) Vol. 70(4), pp. 411-413	N	N/A	N/A	Efficacy study
921.	Sinha, S.R., Nath, V., Singh, R.	2009	Management of Earias vittela through new insecticide schedules	Annals of Plant Protection Sciences (2009) Vol. 17(1), pp. 242-243	N	N/A	N/A	Efficacy study
922.	Singh, S.P., Singh, Y.P., Kumar, A.	2011a	Bio-efficacy evaluation of chemical insecticides against painted bug, Bagrada hilaris (Burm.) in mustard	Pesticide Research Journal (2011) Vol. 23(2), pp. 150-153	N	N/A	N/A	Efficacy study
923.	Sinha, S.R., Nath, V.	2011b	Management of Leucinodes orbonails through insecticides in brinjal	Annals of Plant Protection Sciences (2011) Vol. 19(1), pp. 215-216	N	N/A	N/A	Agronomy study
924.	Sinzogan, A.A.C., Kossou, D.K., Atachi, P., van Huis, A.	2006	Participatory evaluation of synthetic and botanical pesticide mixtures for cotton bollworm control	International Journal of Tropical Insect Science (2006) Vol. 26(4), pp. 246-255	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
925.	Sipes, N.S., Martin, M.T., Reif, D.M., Kleinstreuer, N.C., Judson, R.S., Singh, A.V., Chandler, K.J., Dix, D.J., Kavlock, R.J., Knudsen, T.B.	2011	Predictive models of prenatal developmental toxicity from ToxCast high-throughput screening data	Toxicol Sci (2011) Vol. 124(1), pp. 109-27	N	N/A	N/A	Use of high-throughput screening assays for developing pathway-led models for predicting developmental toxicity
926.	Sipes, N.S., Martin, M.T., Kothiya, P., Reif, D.M., Judson, R.S., Richard, A.M., Houck, K.A., Dix, D.J., Kavlock, R.J., Knudesn, T.B.	2013	Profiling 976 ToxCast chemicals across 331 enzymatic and receptor signalling assays	Chemical Research in Toxicology (2013) Vol. 26(6), pp. 876-895	N	N/A	N/A	Analysis of chemicals for prioritisation
927.	Sinha, S.R., Singh, R., Sharma, R.K.	2007	Management of insect pests of okra through insecticides and intercropping	Annals of Plant Protection Sciences (2007) Vol. 15(2), pp. 321-324	N	N/A	N/A	Efficacy study
928.	Słowik-Borowice, M., Szpyrka, E., Kurdziel, A., Grzegorzak, M., Matyaszek, A.	2012	Assessment of the pesticide residue occurrence in fruit from the south-eastern region of Poland during 2010-2011 seasons	Journal of Fruit and Ornamental Plant Research (2012) Vol. 20(2), pp. 119-126	N	N/A	N/A	Analytical detection of residues in foodstuffs
929.	Smitii, J.A., Pereira, R.M., Koehler, P.G.	2008	Relative repellency and lethality of the neonicotinoids thiamethoxam and acetamiprid and an acetamiprid/bifenthrin combination to Reticulitermes flavipes termites	Journal of Economic Entomology (2008) Vol. 101(6), pp. 1881-1887	N	N/A	N/A	Efficacy study

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930.	Soad, A.I., Nadra, M.E., Ola, M.Y.E., El-Adl, F.E., El-Sheemy, M.K.H.	2005	Efficiency of certain insecticides on whitefly leaf curl virus and their residues in tomato fruits	Arab Universities Journal of Agricultural Sciences (2005) Vol. 13(3), pp. 963-977	N	N/A	N/A	Efficacy study
931.	Sohail, A., Khan, R.R., Haider, H., Ahmad, F.	2011	Prospects of integrated pest management of Phyllicnistis citrella (Stain.) in Punjab, Pakistan	IOBC/WPRS Bulletin (2011) Vol. 62, pp. 255-264	N	N/A	N/A	IPM study
932.	Soika, G., Abanowski, G.	2005	Effectiveness of systemic compounds applied as soil treatment in control of adelges on Norway spruce	Progress in Plant Protection (2005) Vol. 45.2, pp. 1095-1098	N	N/A	N/A	Efficacy study
933.	Soler, A., Dicenta. F.	2012	Stubborn worm (Capnodis tenebrionis L.) control by phytosanitary treatments	Agricola Vergel: Fruticultura, Horticultura, Floricultura, Citricultura, Vid, Arroz (2012) Vol. 31.358, pp. 249-255	N	N/A	N/A	Agronomy study
934.	Soliman, M.M.M.	2011	Persistence of new insecticides and their efficacy against insect pests of cowpea	Australian Journal of Basic and Applied Sciences (2011) Vol. 5(2), pp. 82-89	N	N/A	N/A	Efficacy study
935.	Song, X-Y., Qi, S-H., Yuan, H-Z., Ji, M-S., Chen, X.X.	2006a	An in vivo micro-bioassay for toxicity to Bemisia tabaci adult	Chinese Bulletin of Entomology (2006) Vol. 43(6), pp. 877-879	N	N/A	N/A	Bioassay for insecticidal activity
936.	Song, X., Cheng, M., Mo, J., Chen, C., Deng, T., Cheng, J.	2006b	Comparative toxicity of Mospilan, Kaiqi and Regent on the workers of the Formosan subterranean termite, Coptotermes formosanus (Isoptera : Rhinotermitidae)	Sociobiology (2006) Vol. 48(3), pp. 781-791	N	N/A	N/A	Efficacy study
937.	Song, X., Yuan, H., Qi, S., Ji, M., Pang, S., Qiu, Z.	2007	Toxicities of 7 insecticides to Bemisia tabaci adults in greenhouse	Nongyao Kexue Yu Guanli (2007) Vol. 28(1), pp. 13-15, 12	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
938.	Song, W., Liu, F., Ding, F., Gao, M., Wang, G.	2008	Analysis of 70 pesticides in fruits and vegetables using liquid chromatography with tandem mass spectrometric detection	Nankai Daxue Xuebao, Ziran Kexueban (2008) Vol. 41(2), pp. 35-41	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
939.	Song, W., Mu, G., Zhang, D., Pan, X.	2010	Interaction of acetamiprid with extracellular polymeric substances (EPS) from activated sludge: A florescence study	African Journal of Biotechnology (2010) Vol. 9(45), pp. 7667-7673	N	N/A	N/A	Interaction of acetamiprid with EPS
940.	Soporan, C.R., Oltean, I., Florian, T., Macavei, L.	2013	Chemical methods of fight against Monarthropalpus buxi Geoff. Species	Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Agriculture (2013) Vol. 70.1, pp. 101-106	N	N/A	N/A	Efficacy study
941.	Sreekanth, P.N., Reddy, K.M.S.	2011	Efficacy of different insecticides against sucking pests of cotton	Environment and Ecology (2011) Vol. 29(4A), pp. 2035-2039	N	N/A	N/A	Efficacy study
942.	Sreekanth, M., Sriramulu, M., Rao, R.D.V.J.P., Babu, B.S., Babu, T.R.	2004	Evaluation of certain new insecticides against Thrips palmi (Karny), the vector of peanut bud necrosis virus (PBNV) on mungbean (Vigna radiata L. Wilczek)	International Pest Control (2004) Vol. 46(6), pp. 315-317	N	N/A	N/A	Efficacy study
943.	Srivastava, B., Godara, B.R.	2012	Management of sugarcane white fly, Aleurolobus barodensis Mask. for better sugar recovery in arid Rajasthan	Annals of Plant Protection Sciences (2012) Vol. 20.2, pp. 298-301	N	N/A	N/A	Agronomy study
944.	Srivastava, C., Chander, S., Sinha, S.R., Palta, R.K.	2009	Toxicity of various insecticides against Dehli and Palla population of brown plant hopper (Nilaparvata lugens)	Indian Journal of Agricultural Sciences (2009) Vol. 79(12), pp. 1003-1006	N	N/A	N/A	Efficacy study

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945.	Stahnke, H., Reemtsma, T., Alder, L.	2009	Compensation of matrix effects by postcolumn infusion of a monitor substance in multiresidue analysis with LC-MS/MS	Anal Chem. (2009) Vol. 81(6), pp. 2185-92	N	N/A	N/A	Analytical method for the detection of residues in plants
946.	Stamenković, S., Perić, P., Marčić, D., Milošević, D.	1012	The efficacy of acetamiprid (Volley 20 SP) in controlling Cacopsylla pyri L. populations	Voćarstvo (2012) Vol. 46(179/180), pp. 129-134	N	N/A	N/A	Efficacy study
947.	Stachniuk, A., Fornal, E.	2013	Analytical considerations on the use of a fruit-specific and representative matrix in pesticide residue analysis by LC-ESI-MS/MS	Central European Journal of Chemistry (2013) Vol. 11(7), pp. 1112-1131	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
948.	Stevens, M.M., Helliwell, S., Hughes, P.A.	2005	Toxicity of Bacillus thuringiensis var. israelensis formulations, spinosad, and selected synthetic insecticides to Chironomus tepperi larvae	Journal of the American Mosquito Control Association (2005) Vol. 21(4), pp. 446-50	N	N/A	N/A	Efficacy study
949.	Stumpf, C.F., Commins, D.L., Sparks, T.C., Donohue, K.V., Roe, R.M.	2007	Insecticidal activity and mode of action of novel nicotinoids synthesized by new acylpyridinium salt chemistry and directed lithiation	Pesticide Biochemistry and Physiology (2007) Vol. 87(3), pp. 211-219	N	N/A	N/A	Efficacy study
950.	Strupińska, M., Rostafińska-Sucahr, G., Stables, J.P., Paruszewski, R.	2009	New derivatives of benzylamide with anticonvulsant activity	Acta Poloniae Pharmaceutica – Drug Research (2009) Vol. 66(2), pp. 155-159	N	N/A	N/A	New derivatives of benzylamide with anti-convulsant activity
951.	Su, T., Hou, R., Zhao, X., Qian, X., Yang, T.	2011	A method for determination of acetamiprid residue in tea, fresh tea and tea infusion with HPLC-UV	Shipin Yu Fajiao Gongye (2011) Vol. 37(10), pp. 174-177	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
952.	Šubic, M.	2008	The possibilities in controlling the cabbage fly (Delia radicum (Diptera: Anthomylidae) and other pests by dipping seedlings before planting	Glasilo Bilijne Zaštite (2008) Vol. 8(1), pp. 33-40	N	N/A	N/A	Efficacy study
953.	Šubic, M,	2013	Chemical control of grape phylloxera of leaf (Viteus vitifolae Fitch) in Medjimurje vineyards	Glasilo Biljne Zaštite (2013) Vol. 13.3, pp. 232-240	N	N/A	N/A	Efficacy study
954.	Subramania, S., Muthuswami, M., Krishnan, R., Thangamalar, A.M., Indumathi, P.	2010	Bioefficacy of botanicals and insecticides against mulberry thrips, Pseudodentrothrips mora Niwa	Karnataka Journal of Agricultural Sciences (2010) Vol. 23(1), pp. 47-50	N	N/A	N/A	Efficacy study
955.	Suchail, S., De Sousa, G., Rahmani, R., Belzunces, L.P.	2005	In vivo distribution and metabolisation of C-14-imidacloprid in different compartments of Apis mellifera L	Pest Management Science (2005) Vol. 60(11), pp. 1056-+	N	N/A	N/A	Effect of imidacloprid on bees
956.	Sudha, T., Babu, R., Biradar, D.P., Patil, V.C., Hebsur, N.S., Adiver, S.S., Shirnalli, G.	2011	Documentation of cultivation practices of cotton in different soil types	Karnataka Journal of Agricultural Sciences (2011) Vol. 24(5), pp. 688-691	N	N/A	N/A	Agronomy study
957.	Sujatha, G., Srinivasan, S.	2008	Management of early season insect pests by seed dressing with new formulations of insecticides in French bean (Phaseolus vulgaris L.)	Current Biotica (2008) Vol. 2(4), pp. 501-506	N	N/A	N/A	Efficacy study
958.	Sujatha, A., Kumar, D.A., Rao, N.B.V.C., Rao, D.V.R.	2004	Evaluation of certain new chemicals against coconut eriophyid mite, Aceria guerreronis (K.) in A.P.	Pestology (2004) Vol. 28(3), pp. 7-11	N	N/A	N/A	Efficacy study

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959.	Sule, A.R., Ambekar, J.S., Nayakwadi, M.B.	2008	Field efficacy of newer insecticides against onion thrips (Thrips tabaci Lind.)	Journal of Maharashtra Agricultural Universities (2008) Vol. 33(2), pp. 281-282	N	N/A	N/A	Efficacy study
960.	Sumedrea, M., Sumedrea, D., Marin, F.C., Chitu, E., Calinescu, M., Bolbose, C., Zahari, I., Iorgu, A.	2010	Biological efficacy of some new insecticides in control of San Jose scales, red mites and aphids in apple and plum orchards	Journal of Horticulture, Forestry and Biotechnology (2010) Vol. 14(1), pp. 252-256	N	N/A	N/A	Efficacy study
961.	Sun, J., Chen, G-H., Wang, K., Dong, M., Dai, Y-J.	2010	Determination of three chloronicotinyl insecticide residues by capillary electrophoresis with sweeping	Chinese Journal of Analytical Chemistry (2010) Vol. 38(8), pp. 1151-1155	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
962.	Sun, X., Yuan, S., Lin, R., Wang, X., Qu, W., Zhang, Y., Gao, X., Jiang, T.	2011	Acute toxicity evaluation of ninety-one pesticides of silkworm	Nongyao Kexue Yu Guanli (2011) Vol. 32(8), pp. 21-25	N	N/A	N/A	Efficacy study
963.	Sun, L., Jin, H-Y., Wang, Y., Ma, S-C., Lin, R-C.	2012	Determination of 103 kinds of pesticide residues in Ginseng radix and Honeysuckle flower by high-performance liquid chromatography coupled with tandem mass spectrometry	Yaowu Fenxi Zazhi (2012) Vol. 32(11), pp. 2017-2024	N	N/A	N/A	Analytical detection of residues in foodstuffs
964.	Sun, B., Shan, H., Li, Y., Zeng, Y., Shen, X., Tong, C.	2013	Simultaneous determination of 6 neonicotinoid residues in soil using DLLME-HPLC and UV	Guang Pu Xue Yu Guang Pu Fen Xi = Guang Pu (2013) Vol. 33.9 pp. 2553-7	N	N/A	N/A	Analytical detection of residues in soil
965.	Sungur, S., Tunur, C.	2012	Investigation of pesticide residues in vegetables and fruits grown in various regions of Hatay, Turkey	Food Additives & Contaminants Part B-Surveillance (2012) Vol. 5.4, pp. 265-267	N	N/A	N/A	Analytical detection of residues in foodstuffs

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
966.	Sunitha, N.D., Jagginavar, S.B.	2010a	Evaluation of imidacloprid 200SL (Confidor 200SL) for its efficacy against grape thrips Scirtothrips dorsalis (Hood) and phytotoxicity	Agricultural Science Digest (2010) Vol. 30(1), pp. 66-68	N	N/A	N/A	Efficacy study
967.	Sunitha, N.D., Jagginavar, S.B.	2010b	Studies on bioefficacy of neonicotinoids against grape thrips	Karnataka Journal of Agricultural Sciences (2010) Vol. 23(1), pp. 163-164	N	N/A	N/A	Efficacy study
968.	Sunitha, N.D., Jagginavar, S.B., Patil, D.R., Kambrekar, D.N.	2008	Management for thrip complex in grape ecosystem	Annals of Plant Protection Sciences (2008) Vol. 16(1), pp. 83-86	N	N/A	N/A	Efficacy study
969.	Sunitha, N.D., Jagginavar, S.B., Biradar, A.P.	2009	Bioefficacy botanicals and newer insecticides against grape vine mealy bug, Maconellicoccus hirsutus (Green)	Karmataka Journal of Agricultural Sciences (2009) Vol. 22(3), pp. 710-711	N	N/A	N/A	Efficacy study
970.	Sutaria, V.K., Motka, M.N., Jethva, D.M., Ramoliya, D.R.	2010	Field efficacy of insecticides against jassid, Empoasca kerri (Pruthi) in soybean	Annals of Plant Protection Sciences (2010) Vol. 18(1), pp. 94-97	N	N/A	N/A	Efficacy study
971.	Swenson, T.L., Casida, J.E.	2013	Neonicotinoid formaldehyde generators: Possible mechanism of mouse-specific hepatotoxicity/ hepatocarcinogenicity of thiamethoxam	Toxicol Lett. (2013) Vol. 216(2-3), pp. 139-45	N	N/A	N/A	Thiamethoxam toxicity
972.	Szymanska, B., Baranowski, T.	2009	Effect of the mixing order of selected fungicides and zooicides on physiochemical properties of spraying liquid	Progress in Plant Protection (2009) Vol. 49(1), pp. 56-60	N	N/A	N/A	Efficacy study
973.	Szymanska, B., Baranowski, T.	2010	Determination of phytotoxicity of selected protection tank-mixtures on the white mustard	Progress in Plant Protection (2010) Vol. 50(4), pp. 1874-1878	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
974.	Taira, K., Fujioka, K., Aoyama, Y.	2013	Qualitative profiling and quantification of neonicotinoid metabolites in human urine by liquid chromatography coupled with mass spectrometry	PLoS One. (2013) Vol. 8(11) :e80332	N	N/A	N/A	Analytical detection of metabolites in human urine
975.	Takács. J., Nádasy, M.	2006	Usability of a cellulose base binding material in control of WCR (Diabrotica virgifera virgifera Leconte, 1868)	Cereal Research Communications (2006) Vol. 34(1), pp. 759-762	N	N/A	N/A	Efficacy study
976.	Takahashi, M., Shimamoto, S., Kageyama, T., Yokoyama, R., Owada, K., Yamamoto, M.	2006	Application of simultaneous analytical method for pesticide residues using LC/MS/MS in agricultural products	Shizuoka-ken Kankyo Eisei Kagaku Kenkyusho Hokoku (2006) Vol. 49, pp. 17-22	N	N/A	N/A	Analytical detection of residues in agricultural products
977.	Takei, T., Yoshida, M., Yanagi, K., Hatate, Y., Shiomori, K., Kiyoyama, S.	2008b	Preparation of acetamiprid-loaded polymeric microcapsules: Influence of preparation parameter in emulsion system on microcapsule characteristics	Polymer Bulletin (2008) Vol. 61(1), pp. 119-127	N	N/A	N/A	Efficacy study
978.	Takei, T., Yoshida, M., Hatate, Y., Shiomori, K., Kiyoyama, S., Tsutsui, T., Mizuta, K.	2008b	Preparation of polylactide-based microspheres enclosing acetamiprid and evaluation of efficacy against cotton aphid by soil application	Journal of Applied Polymer Science (2008) Vol. 109(2), pp. 763-766	N	N/A	N/A	Efficacy study
979.	Takei, T., Yoshida, M., Hatate, Y., Shiomori, K., Kiyoyama, S.	2008c	Preparation of polyactide/poly(e-caprolactone) micropsheres enclosing acetamiprid and evaluation of release behavior	Polymer Bulletin (2008) Vol. 61(3), pp. 391-397	N	N/A	N/A	Novel pesticide release mechanism

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980.	Taira, K., Aoyama, Y., Kawakami, T., Kamata, M., Aoi, T.	2011	Detection of chloropyridinyl neonicotinoid insecticide metabolite 6-chloronicotinic acid in the urine: six cases with subacute nicotinic symptoms	Chudoku Kenkyu (2011) Vol. 24(3), pp. 222-30	N	N/A	N/A	Detection of neonicotinoid metabolite in human urine
981.	Tamaš, N., Miletic, N., Elezovic, I.	2012	Efficacy of insecticides of different mode of action in green apple aphid (Aphis pomi De Geer) control in apple orchards	Biljni Lekar (Plant Doctor) (2012) Vol. 40.6, pp. 489-498	N	N/A	N/A	Efficacy study
982.	Tamaš, N., Miletic, N., Elezovic, I.	2013a	Effects of insecticides of different mode of action for predatory fly Aphidoletes aphidimyza (Rondani) larvae	Biljni Lekar (Plant Doctor) (2013) Vol. 41.4, pp. 445-451	N	N/A	N/A	Efficacy study
983.	Tamaš, N., Miletic, N., Elezovic, I.	2013b	Susceptibility of different green apple aphid Aphis pomi De Geer populations to insecticides in Serbia	Biljni Lekar (Plant Doctor) (2013) Vol. 41.5, pp. 540-548	N	N/A	N/A	Efficacy study
984.	Tan, Y., Biondi, A., Desneux, N., Gao, X-W.	2012a	Assessment of physiological sublethal effects of imidacloprid on the mirid bug Apolygus lucorum (Meyer-Du¨r)	Ecotoxicology (2012) Vol. 21.7, pp. 1989-1997	N	N/A	N/A	Efficacy study
985.	Tan, H-P., Feng, D-J., Shi, X-F., Qian, S-S., Ye, S-R., Chen, N-W., Xu, Y.	2012b	Environmental quality standard for ecological tea garden	Anhui Nongye Kexue (2012) Vol. 40(28), pp. 13963-13965	N	N/A	N/A	Environmental quality standards
986.	Tang, C., Peng, Z.Q., Wu, K.H., Liang, Y.J., Qian, J., Fu, Y.G., Wang, F.H.	2006	The effect of sublethal doses of insecticides on the functional response of Asecodes hispinarum	Chinese Bulletin of Entomology (2006) Vol. 43(5), pp. 644-647	N	N/A	N/A	Efficacy study

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987.	Tang, F., Cui, L., Tang, J.G.	2007a	Difference in transmission efficiency to pesticides between Odontotermes formosanus (Shiraki) and Reticulitermes chinensis (Snyder).	Journal of Nanjing Forestry University (Natural Sciences Edition) (2007) Vol. 31(6), pp. 69-72	N	N/A	N/A	Efficacy study
988.	Tang, G.H., Tian, P.P., Chen, A.L., Feng, J.T., Zhang, X.	2007b	Effects of two pesticides on PPO, POD activity and isozymes in weeping willow (Salix babylonica Linn) by trunk injection.	Journal of Northwest A & F University – Natural Science Edition (2007) Vol. 35(4), pp. 145-149	N	N/A	N/A	Effect of pesticides on PPO and POD activity and isozymes
989.	Tang, F., Zhu, T., Gao, X.W., Jin, A.O.	2007c	Inhibition of glutathion S-transferases activity from Odontotermes formosanus (Shiraki) and Reticulitermes chinensis Snyder by seven inhibitors	Acta Entomologica Sinica (2007) Vol. 50(12), pp. 1225-1231	N	N/A	N/A	Inhibition of GST activity in termites
990.	Tang, G.H., Zhang, J., He, J., Feng, J.T., Zhang, X.	2007d	Pesticide effects on some protective enzymes and dissociative proline in willow by trunk injection	Journal of China Agricultural University (2007) Vol. 12(3), pp. 32-36	N	N/A	N/A	Pesticide effects on protective enzymes and dissociative proline
991.	Tang, C., Peng, Z., Shen, Y., Lu, B., Li, H., Wang, C., Fu, Y.	2007e	Selective toxicities of three insecticides on Brontispa longissima and Asecodes hispinarum	Nongyao (2007) Vol. 46, No. 1, pp. 67-69	N	N/A	N/A	Efficacy/ insecticide toxicity study
992.	Tang, F., Li, S-C., Kong, X-B., Wang, K-Y.	2007f	Studies on selective toxicity of acetamiprid, imidacloprid and buprofezin to Trialeurodes vaporariorum and two natural enemies	Nongyaoxue Xuebao (2007) Vol. 9(1), pp. 88-91	N	N/A	N/A	Efficacy study

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993.	Tang, G.H., He, J., Jiang, Z.L., Chen, A.L., Feng, J.T., Zhang, X.	2007g	The control effect of Anoplophora glabripennis with the liquid formulation of 14% Imidacloprid+DDVP for trunk injection	Journal of Northwest A & F University – Natural Science Edition (2007) Vol. 35(1), pp. 116-120	N	N/A	N/A	Efficacy study
994.	Tang, F., Shen, X., Gao, X-W.	2009	In vitro inhibition of the diphenolase activity of tyrosinase by insecticides and allelochemicals	Journal of Entomological Science (2009) Vol. 44(2), pp. 111-119	N	N/A	N/A	Inhibition of tyrosinase
995.	Tang, F., Li, L., Gao, X.W.	2012b	Inhibition of glutathione S-transferase activity by insecticides and allelochemicals in Clostera anastomosis	Chinese Journal of Applied Entomology (2012) Vol. 49(6), pp. 1513-1518	N	N/A	N/A	Inhibition of GST activity
996.	Tang, L-D., Wu, J-H., Ali, S., Ren, S-X.	2013	Establishment of baseline toxicity data to different insecticides for Aphis craccivora Koch and Rhopalosiphum maidis (Fitch) (Homoptera: Aphididae) by glass tube residual film technique	Pakistan Journal of Zoology (2013) Vol. 45(2), pp. 411-415	N	N/A	N/A	Efficacy/ insecticide toxicity study
997.	Tank, B.D., Korat, D.M., Borad, P.K.	2007	Relative toxicity of some insecticides against Cheilomenes sexmaculata (Fab) in laboratory	Karnataka Journal of Agricultural Sciences (2007) Vol. 20(3), pp. 639-641	N	N/A	N/A	Efficacy/ insecticide toxicity study
998.	Tanner, G., Czerwenka, C.	2011	LC-MS/MS analysis of neonicotinoid insecticides in honey: Methodology and residue findings in Austrian honeys	Journal of Agricultural and Food Chemistry (2011) Vol. 59(23), pp. 12271-12277	N	N/A	N/A	Analytical detection of residues in foodstuffs

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999.	Tapparo, A., Giorio, C., Soldà, L., Bogialli, S., Marton, D., Marzaro, M., Girolami, V.	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) Vol. 405.2-3, pp. 1007-1014	N	N/A	N/A	Analytical method for the detection of insecticides in bees
1000.	Tewari, R.K., Yadav, R.A.	2005	Bio-efficacy of newer insecticides against black bug (Cavelerius sweeti) and mealy bug (Saccharicoccus sacchari) of sugarcane	Indian Journal of Entomology (2005) Vol. 67(2), pp. 175-177	N	N/A	N/A	Efficacy study
1001.	Thakare, S.M., Dhoble, B., Thakare, A.S.	2009	Impact of different chemicals applied by seed or stem smearing technique on sucking pests of Bt cotton	Research on Crops (2009) Vol. 10(3), pp. 699-701	N	N/A	N/A	Efficacy study
1002.	Thany, S.H.	2010	Neonicotinoid insecticides: historical evolution and resistance mechanisms	Adv Exp Med Biol. (2010) Vol. 683, pp. 75-83	N	N/A	N/A	Development and use of neonicotinoids
1003.	Thany, S.H., Tricoire-Leignel, H.	2011	Emerging pharmacological properties of cholinergic synaptic transmission: Comparison between mammalian and insect synaptic and extrasynaptic nicotinic receptors	Current Neuropharmacology (2011) Vol. 9(4), pp. 706-714	N	N/A	N/A	Research paper; not relevant
1004.	Thierauf, A., Weinmann, W., Auwärter, V., Vennemann, B., Bohnert, M.	2010	A survey of warning colours of pesticides	Forensic Sci Med Pathol. (2010) Vol. 6(4), pp. 307-13	N	N/A	N/A	Colours and dyes of pesticides registered in Germany

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1005.	Thurman, E.M., Ferrer, I., Zweigenbaum, J.A., Zavitsanos, P.A.	2009	Comparison Of LC/TOF-MS and LC/MS-MS for the Analysis of 100 Pesticides in Food: Finding the "Crossover Point"	Liquid Chromatography Time-of-Flight Mass Spectrometry: Principles, Tools, and Applications for Accurate Mass Analysis, Volume 173	N	N/A	N/A	Analytical detection of residues in foodstuffs
1006.	Tian, X.W., Gao, M.X., Liu, T., Fan, H.X.	2009	Experiment of using 7 insecticides for control of Lygus lucorum for Dongzao jujube cultivar	Chine Fruits (2009) Vol. 6, pp. 37-39	N	N/A	N/A	Efficacy study
1007.	Ticha, J., Hajslova, J., Jech, M., Honzicek, J., Lacina, O., Kohoutkova, J., Kocourek, V., Lansky, M., Kloutvorova, J., Falta, V.	2008	Changes of pesticide residues in apples during cold storage	Food Control (2008) Vol. 19(3), pp. 247-256	N	N/A	N/A	Pesticide residues in foodstuffs during storage; acetamiprid residues not detected at harvest and so decline in residues cannot be measured
1008.	Tillman, P.G.	2006a	Effect of selected insecticides on the leaffooted bug (Hemiptera: Coreidae)	Journal of Entomological Science (2006) Vol. 41(2), pp. 184-186	N	N/A	N/A	Efficacy study
1009.	Tillman, P.G.	2006b	Feeding responses of Trichopoda pennipes (F.) (Diptera: Tachinidae) to selected insecticides	Journal of Entomological Science (2006) Vol. 41(3), pp. 242-247	N	N/A	N/A	Efficacy study
1010.	Tillman, P.G.	2006c	Susceptibility of Pest Nezara viridula (Heteroptera: Pentatomidae) and Parasitoid Trichopoda pennipes (Diptera: Tachinidae) to Selected Insecticides	Journal of Economic Entomology (2006) Vol. 99(3), pp. 648-657	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1011.	Timmeren, S.V. Isaacs, R.	2013	Control of spotted wing drosophila, Drosophila suzukii , by specific insecticides and by conventional and organic crop protection programs	Crop Protection (2013) Vol. 54, pp. 126-133	N	N/A	N/A	Efficacy study
1012.	Tindall, K.V., Emfinger, K., Leonard, B.R., Temple, J.	2006	Evaluation of insecticide efficacy against late-season hemipteran pests on cotton, 2004	Arthropod Management Tests (2005) Vol. 30, pp. F52	N	N/A	N/A	Efficacy study
1013.	Tkaczuk, C., Labanowska, B.H., Augustyniuk-Kram, A.	2005	The potential of entomopathogenic fungi and nematodes against strawberry root weevil Otiorhynchus ovatus L. (Coleoptera, Cucurlionidae)	Bulletin OILB/SROP (2005) Vol. 28(3), pp. 173-177	N	N/A	N/A	Efficacy study
1014.	Tokiumaru, S., Kurita, H., Fukui, M., Abe, Y.	2005	Insecticide susceptibility of Liriomyza sativae, L. trifolii, and L. bryoniae (diptera: agromyzidae)	Nippon Oyo Dobutsu Konchu Gakkaishi (2005) Vol. 49(1), pp. 1-10	N	N/A	N/A	Efficacy study
1015.	Tomizawa, S., Kobayashi, M., Otsuka, K., Tamura, Y., Kamijo, K., Iwakoshi, K., Kageyama, Y., Takano, I., Nagayama, T.	2010a	Survey of pesticide residues in domestic vegetables and fruits (Apr. 2008 - Mar. 2009)	Tokyo-to Kenko Anzen Kenkyu Senta Kenkyu Nenpo (2010) Vol. 60, pp. 159-164	N	N/A	N/A	Pesticide residues survey
1016.	Tomizawa, S., Kobayashi, M., Otsuka, K., Tamura, Y., Kamijo, K., Iwakoshi, K., Sato, C., Nagayama, T., Takano, I.	2010b	Survey of pesticide residues in imported crops (organophosphorus and organonitrogen pesticides) (April 2009 - March 2010)	Tokyo-to Kenko Anzen Kenkyu Senta Kenkyu Nenpo (2010) Vol. 61, pp. 289-295	N	N/A	N/A	Pesticide residues survey

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1017.	Totovam L.G., Palagina, O.V.	2009	Insecticides for protection of peach orchards from the oriental fruit moth	Zaschita I Karantin Rastenii (2009) Vol. 3, pp. 43-44	N	N/A	N/A	Efficacy study
1018.	Totti, S., Fernandez, S., Ghini, S., Pico, Y., Fini, F., Manes, J., Girotti, S.	2006	Application of matrix solid phase dispersion to the determination of imidacloprid, carbaryl, aldicarb, and their main metabolites in honeybees by liquid chromatography-mass spectrometry detection	Talanta (2006) Vol. 69(3), pp. 724-729	N	N/A	N/A	Analytical method for the detection of residues in honeybees
1019.	Trtić-Petrović, T.M., Dimitrijević, A.	2014	Vortex-assisted ionic liquid based liquid-liquid microextraction of selected pesticides from a manufacturing wastewater sample	Central European Journal of Chemistry (2014) Vol. 12.1, pp. 98-106	N	N/A	N/A	Analytical method for the detection of pesticides in water
1020.	Trtić-Petrović, T., Dordević, J., Dujaković, N., Kumrić, K., Vasiljević, T., Lausević, M.	2010	Determination of selected pesticides in environmental water by employing liquid-phase microextraction and liquid chromatography-tandem mass spectrometry	Anal Bioanal Chem. (2010) Vol. 397(6), pp. 2233-43	N	N/A	N/A	Analytical method for the detection of pesticides in water
1021.	Tseng, S-H., Liu, C-C., Lin, Y-J., Chen, H-C., Su, S-C., Chou, H-K., Chou, S-S., Shih, D.Y-C.	2009	Analysis of 81 pesticides and metabolite residues in fruits and vegetables by diatomaceous earth column extraction and LC/MS/MS determination	Journal of Food and Drug Analysis (2009) Vol. 17(5), pp. 319-332	N	N/A	N/A	Analytical detection of residues in foodstuffs

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1022.	Tsutsumi, T., Sakamoto, M., Kataoka, H., Pawliszyn, J.	2006	Automated headspace solid-phase microextraction and gas chromatography-mass spectrometry for screening and determination of multiclass pesticides in water	Methods in Biotechnology (2006) Vol. 19, No. Pesticide Protocols, pp. 343-364	N	N/A	N/A	Analytical detection of residues in water
1023.	Tulafu, M., Yu, J.N., Chen, W.M., Aisati, A., He, X.J., Xiong, M.L.	2009	Control effect of different insecticides with spraying crown and watering roots on woolly apple aphid	Xinjiang Agricultural Sciences (2009) Vol. 46(6), pp. 1270-1273	N	N/A	N/A	Efficacy study
1024.	Udaya, S.P., Sambasiva, R.K.R.S., Subbu, R.K.M.	2010	Biomineralization of organophosphorus pesticide (Malathion) using fungal species Aspergillus niger from cotton soils of Andhra Pradesh, India	Research Journal of BioTechnology (2010) Vol. 5(4) pp. 53-60	N	N/A	N/A	Fungal biomineralisation of pesticides
1025.	Udikeri, S.S., Patil, S.B., Hirekurubar, R.B., Guruprasad, G.S., Karabhantanal, S.S., Shalia, H.M., Matti, P.V.	2008	Bitterbarkomycin 3.5% EC – a new bio-rational for management of sucking pests in cotton	Indian Journal of Entomology (2008) Vol. 70(2), pp. 164-168	N	N/A	N/A	Efficacy study
1026.	Udikeri, S.S., Patil, S.B., Hirekurubar, R.B., Guruprasad, G.S., Shalia, H.M., Matti, P.V.	2009	Management of sucking pests in cotton with new insecticides	Karnataka Journal of Agricultural Sciences (2009) Vol. 22(4), pp. 798-802	N	N/A	N/A	Efficacy study
1027.	Ueno, T., Nakamoto, H.	2012	Applicability of 8 commercially available ELISA kits for analyzing pesticide residue in agricultural products	Bulletin of Hokkaido Research Organization, Agricultural Experiment Stations 96 (2012): 27-34	N	N/A	N/A	Analytical method for the detection of residues in agricultural products

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1028.	Ueno, E., Oshima, H., Saito, I., Matsumoto, H., Nakazawa, H.	2004	Multiresidue analysis of pesticides in agricultural products by GC-ECD after GPC and graphitized carbon column cleanup	Shokuhin Eiseigaku Zasshi. (2004) Vol. 45(4), pp. 212-23	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
1029.	Ulaganatahn, P., Gupta, G.P.	2004a	Effect of insecticidal spray schedules on sucking pests of American cotton, Gossypium hirsutum L.	Annals of Plant Protection Sciences (2004) Vol. 12.2, pp. 283-287	N	N/A	N/A	Efficacy study
1030.	Ulaganatahn, P., Gupta, G.P.	2004b	Effect of spray schedules on the control of bollworm complex of American cotton (Gossypium hirsutum L., var: Pusa 8-6)	Pesticide Research Journal (2004) Vol. 16(1), pp. 23-27	N	N/A	N/A	Efficacy study
1031.	Ullah, F., Maraj-ul-Mulk, A.F., Saeed, M.Q., Sattar, S.	2010	Population dynamics and chemical control of onion thrips (Thrips tabaci, Lindemann)	Pakistan Journal of Zoology (2010) Vol. 42(4), pp. 401-406	N	N/A	N/A	Population dynamics and chemical control of onion thrips
1032.	Umeh, V.C., Onukwu, D., Adegoke, J.A., Fadamiro, H.	2009	Population dynamics of the diamondback moth and control of lepidopteran insects on cabbage in the rainy season	International Journal of Vegetable Science (2009) Vol. 15(2), pp. 106-115	N	N/A	N/A	Agronomy study
1033.	Uranishi, K., Yamashita, H., Okayama, A., Yamamoto, K.	2012	Validation study on a method for multiresidue analysis of pesticides in cereals and pulses with supercritical fluid extraction	Shokuhin Eiseigaku Zasshi (2012) Vol. 53(6), pp. 278-90	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
1034.	Uranishi, K., Yamashita, H., Yamamoto, K.	2012	Validation study on a method for multiresidue analysis of pesticides in vegetables and fruits with supercritical fluid extraction	Shokuhin Eiseigaku Zasshi (2012) Vol. 53(1), pp. 63-74	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1035.	US EPA	2005	Acetamiprid; pesticide tolerance	Federal Register (2005) Vol. 70(70), pp. 19283-19293	N	N/A	N/A	Pesticide tolerances
1036.	US EPA	2007	Acetamiprid; pesticide tolerance	Federal Register (2007) Vol. 72(228), pp. 67256-67262	N	N/A	N/A	Pesticide tolerances
1037.	US EPA	2008	Acetamiprid; pesticide tolerance	Federal Register (2010) Vol. 73(11), pp. 2809-2812	N	N/A	N/A	Pesticide tolerances
1038.	US EPA	2010	Acetamiprid; pesticide tolerances	Federal Register (2010) Vol. 75(27), pp. 6576-6583	N	N/A	N/A	Pesticide tolerances
1039.	US EPA	2012	Acetamiprid; pesticide tolerances	Federal Register (2012) Vol. 77(60), pp. 18710-18716	N	N/A	N/A	Pesticide tolerances
1040.	US EPA	2012	Acetamiprid; pesticide tolerances	Federal Register (2012) Vol. 77(143), pp. 43524-43529	N	N/A	N/A	Pesticide tolerances
1041.	US EPA	2013	Acetamiprid; pesticide tolerances	Federal Register (2013) Vol. 78(118), pp. 36671-36677	N	N/A	N/A	Pesticide tolerances
1042.	Utagawa, N., Kondo, S., Matuyama, K., Sakai, H.	2004	Simultaneous determination of residual agrochemicals in agricultural products by GPC cleanup-GC/MS (SCAN) method	Niigata-ken Hoken Kankyo Kagaku Kenkyusho Nenpo (2004) Vol. 19, pp. 76-84	N	N/A	N/A	Analytical method for the detection of residues in agricultural products
1043.	Uygun, Z., Özger, S., Karaca, I.	2011	Efficacy of some pesticides against Trialeurodes vaporariorum (Westwood) (Hemiptera: Aleyrodidae) under laboratory conditions	Ziraat Fakültesi Dergisi – Süleyman Demirel Üniversitesi (2011) Vol. 6(2), pp. 53-57	N	N/A	N/A	Efficacy study
1044.	Vakhide, N., Safavi, S.A.	2014	Lethal and sublethal effects of direct exposure to acetamiprid on reproduction and survival of the greenbug, Schizaphis graminum (Hemiptera: Aphididae)	Archives of Phytopathology and Plant Protection (2014) Vol. 47(3), pp. 339-348	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1045.	Van Herk, W.G., Vernon, R.S., Tolman, J.H., Saavedra, H.O.	2008	Mortality of a wireworm, Agriotes obscurus (Coleoptera: Elateridae), after topical application of various insecticides	Journal of Economic Entomology (2008) Vol. 101(2), pp. 375-383	N	N/A	N/A	Efficacy study
1046.	Van Steenwyk, R.A., Nomoto, R.M., Zolbrod, S.K.	2005	Efficacy and phytotoxicity of novaluron for codling moth control in pears, 2004	Arthropod Management Tests (2005) Vol. 30, pp. A34	N	N/A	N/A	Efficacy study
1047.	Varghese, B., Beevi, S.N.	2004	Safety of insecticides to the green lace-wing, Chrysoperla carnea (Stephens)	Insect Environment (2004) Vol. 10(1), pp. 45-47	N	N/A	N/A	Efficacy/ insecticide toxicity study
1048.	Varghese, T.S., Mathew, T.B.	2012	Effect of new generation insecticides on the major pests of chilli	Insect Environment (2012) Vol. 17.4, pp. 163-165	N	N/A	N/A	Efficacy study
1049.	Vassiliou, V.A.	2007	Chemical control of Pezothrips kellyanus (Thysanoptera: thripidae) in citrus plantations in Cyprus	Crop Protection (2007) Vol. 26(10), pp. 157-1584	N	N/A	N/A	Efficacy study
1050.	Vassiliou, V., Emmanouilidou, M., Perrakis, A., Morou, E., Vontas, J., Tsagkarakou, A., Roditakis, E.	2011	Insecticide resistance in Bemisia tabaci from Cyprus	Insect Science (2011) Vol. 18(1), pp. 30-39	N	N/A	N/A	Insecticide resistance study
1051.	Venkatatavanappa, V., Krishnareddy, M., Lakshinimarayanreddy, C.N., Jalali, S.	2011	Management of okra YVM disease through neem products and insecticides	Annals of Plant Protection Science (2011) Vol. 19(2), pp. 487-488	N	N/A	N/A	Efficacy study
1052.	Venkateswarlu, V., Sharma, R.K., Sharma, K.	2011	Evaluation of eco-friendly insecticides against major insect pests of cabbage	Pesticide Research Journal (2011) Vol. 23(2), pp. 172-180	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1053.	Verma, M.M., Dua, K.K., Srivastava, C.N.	2010	Relative larvicidal potentiality of some synthetic insecticides against Anopheles stephensi (Liston)	Journal of Entomological Research (New Dehli) (2010) Vol. 34(2), pp. 131-133	N	N/A	N/A	Efficacy study
1054.	Verma, S.C., Thakur, M., Kanwar, H.S.	2012	Efficacy of insecticides against onion thrips, Thrips tabaci Lindeman on garlic under mid-hill conditions of Himachal Pradesh	Journal of Insect Science (Ludhiana) (2012) Vol. 25.1, pp. 76-78	N	N/A	N/A	Efficacy study
1055.	Vermora, J.M., Raghvani, K.L., Joshi, M.D., Makadia, R.R., Boricha, H.V., Dalwadi, N.G.	2010	Chemical control of aphid Lipaphis erysimi (Kalt) on cabbage	International Journal of Plant Protection (2010) Vol. 3(1), pp. 101-103	N	N/A	N/A	Efficacy study
1056.	Ves Losada, J.C.	2005	Pest control in sunflower crops by seed treatment	Publicación Técnica - INTA (2005) Vol. 61, pp. 73-81	N	N/A	N/A	Efficacy study
1057.	Ves Losada, J.C., Ruiz, M. de los A.	2006	Control of leaf ants by seed treatment in sown pastures in the Caldenal area	Boletín de Divulgación Técnica, INTA (2006) Vol. 90, pp. 1-8	N	N/A	N/A	Efficacy study
1058.	Vichapong, J., Burakham, R., Srijaranai, S.	2013	Vortex-assisted surfactant-enhanced-emulsification liquid-liquid microextraction with solidification of floating organic droplet combined with HPLC for the determination of neonicotinoid pesticides	Talanta (2013) Vol. 117, pp. 221-228	N	N/A	N/A	Analytical method for the detection of pesticides
1059.	Vijila, S.M., Das, S.S.M., Sekar, R.R.J.	2011	A novel chemical-microbial hybrid pesticide in the management of S. oryzae L.	International Journal of Pharma and Bio Sciences (2011) Vol. 2(4), pp. B-116-B-121	N	N/A	N/A	Efficacy study

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1060.	Villanueva, R.T., Walgenbach, J.F.	2005	Development, oviposition, and mortality of Neoseiulus fallacis (Acari: Phytoseiidae) in response to reduced-risk insecticides	Journal of Economic Entomology (2005) Vol. 98(6), pp. 2114-20	N	N/A	N/A	Efficacy study
1061.	Vinothkumar, B; Kuttalam, S	2009	Response of Pseudomonas fluorescens (Migula) to spirotetramat 150 OD	Insect Environment (2009) Vol. 15(2), pp. 55	N	N/A	N/A	Response of *P. fluorescens* to spirotetramat
1062.	Vostrel, J.	2005	Hops protection against pathogens in 2005	Chmelarství (2005) Vol. 78(11/12), pp. 128-133	N	N/A	N/A	Products for use against pathogens
1063.	Vukcevic, M., Kalijadis, A., Radisic, M., Pejic, B., Kostic, M., Lausevic, Z., Lausevic, M.	2012	Application of carbonized hemp fibers as a new solid-phase extraction sorbent for analysis of pesticides in water samples	Chemical Engineering Journal (2012) Vol. 211-212, pp. 224-232	N	N/A	N/A	Analytical method for the detection of pesticides in water
1064.	Vukcevic, M., Kalijadis, A., Babic, B., Lausevic, Z., Lausevic, M.	2013	Influence of different carbon monolith preparation parameters on pesticide adsorption	Journal of the Serbian Chemical Society	N	N/A	N/A	Removal of pesticides from water
1065.	Wagh, S.S., Patil, P.D., Lad, S.K., Patil, S.D.	2012	Eco-friendly management of tomato pests	International Journal of Plant Protection (2012) Vol. 5(1), pp. 45-48	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1066.	Wambaugh, F.F., Setzer, R.W., Reif, D.M., Gangwal, S., Mitchell-Blackwood, J., Arnot, J.A., Joliet, O., Frame, A., Rabinowitz, J., Knudsen, T.B., Judson, R.S., Egeghy, P., Vallero, D., Cohen Hubal, E.A.	2013	High-throughput models for exposure-based chemical prioritization in the ExpoCast project	Environmental Science & Technology (2013) Vol. 47(15), pp. 8479-8488	N	N/A	N/A	Assessment of models for chemical prioritisation
1067.	Wang, J.	2007a	Determination of acetamiprid residues in vegetable and fruit by HPLC/MS	Nongyao (2007) Vol. 46(8), pp. 535-537	N	N/A	N/A	Analytical detection of residues in foodstuff
1068.	Wang, J.B.	2007	Techniques for improving fruit quality bagged with film bag	China Fruits (2007) Vol. 3, pp. 36-37	N	N/A	N/A	Improvements in food quality
1069.	Wang, Z.	2008	Experiment on pesticide control of Psylla pyrisuga	Anhui Nongye Kexue (2008) Vol. 36(15), pp. 6380-6382, 6391	N	N/A	N/A	Efficacy study
1070.	Wang, B., Hong, Y.	2012	Screening of alternatives to high-toxic pesticides for control of western flower thrips	Journal of Henan Agricultural Sciences (2012) Vol. 41.4, pp. 100-103	N	N/A	N/A	Efficacy study
1071.	Wang, Z-D., Wang, Y-T.	2005	Theoretical and experimental study on fluorescence characteristics of common pesticides	Faguang Xuebao (2005) Vol. 26(1), pp. 120-124	N	N/A	N/A	Fluorescence characteristics of pesticides
1072.	Wang, Z-L., Yao, S.	2009	Experiment on the control of Stephanitis pyriodes with several high-toxic replaced pesticides	Beifang Yanuyi (2009) Vol. 6, pp. 54-56	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1073.	Wang, K-Y., Guo, Q-L., Xia, X-M., Wang, H-Y., Liu, T-X.	2007	Resistance of Aphis gossypii (Homoptera: Aphididae) to selected insecticides on cotton from five cotton production regions in Shandong, China	Journal of Pesticide Science (2007) Vol. 32(4), pp. 372-378	N	N/A	N/A	Insecticide resistance study
1074.	Wang, Y-H., Chen, J., Shen, J-L., Gao, C-F., Huang, Y., Zhang, J-S., Li, W-H., Zhou, W-J.	2008a	Laboratory screening and cross-resistance analysis of alternative insecticides for highly-toxic pesticides for controlling Brown Planthopper, Nilaparvata lugens	Chinese Journal of Rice Science/Zhonngguo Shuidao Kexue 92008) Vol. 22(5), pp. 519-526	N	N/A	N/A	Insecticide resistance study
1075.	Wang, S.Q., Guo, Y.L., Pang, S.T., Shi, Z.H.	2008b	Toxicities of different pesticides to B biotype Bemisia tabaci	Acta Agriculturae Zhejiangenesis (2008) Vol. 20(5), pp. 367-371	N	N/A	N/A	Efficacy study
1076.	Wang, Y.H., Wu, S.G., Zhu, Y.C., Chen, J., Liu, F.Y., Zhao, X.P., Wang, Q., Li, Z., Bo, X.P., Shen, J.L.	2009a	Dynamics of imidacloprid resistance and cross resistance in the brown planthopper, Nilaparvata lugens	Entomologia Experimentalis et Applicats (2009) Vol. 131(1), pp. 20-29	N	N/A	N/A	Insecticide resistance study
1077.	Wang, Y-H., Tao, C., Zhao, X-P., Wu, C-X., Chen, L-P., Yu, R-X., Wu, S-G., Qiang, W.	2009b	Susceptibility of several types of insecticides in the rice planthoppers Nilaparvata lugens (Stahl) and sogatella furcifera (Horvath) (Homoptera: Delphacidae)	Acta Entomologica Sinica (2009) Vol. 52(10), pp. 1090-1096	N	N/A	N/A	Efficacy study
1078.	Wang, H.H., Huang, D.D., Wen, J.Z., Lei, Z.R.	2009c	Using magnesium oxide-glass slide method to estimate survival amount of whitefly nymphs	Chinese Bulletin of Entomology (2009) Vol. 46(2), pp. 309-312.	N	N/A	N/A	Methodology for estimating survival amount of whitefly nymphs

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1079.	Wang, J., Zhong, Q., Guo, Z-C., Guan, Y-Q.	2010b	Determination of acetamiprid and imidacloprid residues in tobacco by UPLC-MS/MS	Yancao Keji (2010) No. 10, pp. 41-43, 47	N	N/A	N/A	Analytical detection of residues in tobacco
1080.	Wang, Y., Wang, Y., Yi, X., Luo, Y.	2010c	Determination of four kinds of neonicotinoid residues in rice by solid phase extraction-HPLC	Huaxue Fenxi Jiliang (2010) Vol. 19(3), pp. 15-18	N	N/A	N/A	Analytical detection of residues in foodstuffs
1081.	Wang, H-B., Tan, W., Wu, X-B., Qu, T-Y., Ye, Y-Q., Yang, M.	2010d	Study on the determination of 16 pesticides residues in water environment by solid-phase extraction-high performance liquid chromatography	Fenxi Shiyanshi (2010) Vol. 29(7), pp. 42-45	N	N/A	N/A	Analytical detection of residues in water
1082.	Wang, J., Zhu, J-S., Gao, H-Y., Yu, Q-J., Qiao, X-W.	2010	Toxicological evaluation of seven pesticides to Bombyx mori and observation of toxicosis symptoms	Asian Journal of Ecotoxicology (2010) Vol. 5(1), pp. 57-62	N	N/A	N/A	Efficacy/ insecticide toxicity study
1083.	Wang, N., Shi, L., Kong, D., Cai, D., Cao, Y., Liu, Y., Pang, G., Yu, R.	2011a	Accumulation levels and characteristics of some pesticides in human adipose tissue samples from Southeast China	Chemosphere. (2011) Vol. 84(7), pp. 964-71	N	N/A	N/A	Accumulation of pesticides in human adipose tissue
1084.	Wang, J., Hirai, H., Kawagishi, H.	2011b	Biotransformation of acetamiprid by the white-rot fungus Phanerochaete sordida YK-624	Applied Microbiology and Biotechnology (2011) Vol. 93(2), pp. 831-5	N	N/A	N/A	Biotrans-formation of acetamiprid by white-rot fungus
1085.	Wang, S.L., Li, G.K., Liu, J., Xu, Q.	2011c	Control effect of four insecticides in Sitobium avenae in wheat field	Xinjiang Agricultural Sciences (2011) Vol. 48(2), pp. 352-355	N	N/A	N/A	Efficacy study

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1086.	Wang, M., Yang, G., Wang, X., Yao, Y., Min, H., Lu, Z.	2011d	Nicotine degradation by two novel bacterial isolates of Acinetobacter sp TW and Sphingomonas sp TY and their responses in the presence of neonicotinoid insecticides	World Journal of Microbiology & Biotechnology (2011) Vol. 27(7), pp. 1633-1640	N	N/A	N/A	Bacterial degradation of nicotine
1087.	Wang, Z., Yang, H., Wang, X.J., Jin, D.C.	2011e	Population dynamics of Cyrtorhinus lividipennis (Reuter) in Karst rice-planting areas in Guizhou	Chinese Journal of Biological Control (2011) Vol. 27(4), pp. 464-469	N	N/A	N/A	Population dynamics of *C. lividipennis*
1088.	Wang, Q., Xu, W., Yan, S.	2011f	Research on insecticide resistance of Aphis glycines in Heilongjiang Province	Dongbei Nongye Daxue Xuebao (2011) Vol. 42(4), pp. 137-140	N	N/A	N/A	Insecticide resistance study
1089.	Wang, Q., Yan, S., Xu, W.	2011g	Resistance of Aphis glycines to insecticides in Heilongjiang province	Nongyao Kexue Yu Guanli (2011) Vol. 32(1), pp. 52-53	N	N/A	N/A	Insecticide resistance study
1090.	Wang, Z.P., He, X.J., Chen, L.H., Yan, W.Y.	2011h	The effect of nutritional crossbreeding between Apis cerana cerana and Apis mellifera ligustica on anti-pesticide performance	Acta Agriculturae Universitatis Jiangxiensis (2011) Vol. 33(2), pp. 345-349	N	N/A	N/A	Effects of crossbreeding amongst bees on resistance to the effects of pesticides
1091.	Wang, P., Yu, F., Lei, Q., Bai, X.	2012e	Analytical method for determination of acetamiprid.cntdot.thiocyclam WP by HPLC	Nongyao Kexue Yu Guanli (2012) Vol. 33, No. 12, pp. 44-46	N	N/A	N/A	Analytical method for detection of acetamiprid
1092.	Wang, J., Hirai, H., Kawagishi, H.	2012f	Biotransformation of acetamiprid by the white-rot fungus Phanerochaete sordida YK-624	Applied Microbiology and Biotechnology (2012) Vol. 93.2, pp. 831-835	N	N/A	N/A	Fungal degradation of acetamiprid

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1093.	Wang, S., Yu, Y., Liu, Y.	2012g	Cross-resistance and biochemical resistance mechanisms of emamectin-benzoate resistant population of Frankliniella occidentalis	Acta Phytophylacia Sinica (2012) Vol. 39.2, pp. 159-65	N	N/A	N/A	Insecticide resistance study
1094.	Wang, L., Zhao, P., Zhang, F., Li, Y., Pan, C.	2012h	Direct analysis in real time mass spectrometry for the rapid identification of four highly hazardous pesticides in agrochemicals	Rapid Commun Mass Spectrom. (2012) Vol. 26(16), pp. 1859-67	N	N/A	N/A	Analytical method for active substances in PPP formulations
1095.	Wang, W., Li, Y., Wu, Q., Wang, C., Zang, X., Wang, Z.	2012i	Extraction of neonicotinoid insecticides from environmental water samples with magnetic graphene nanoparticles as adsorbent followed by determination with HPLC	Analytical Methods (2012) Vol. 4.3, pp. 766-772	N	N/A	N/A	Analytical method for the detection of pesticides in water
1096.	Wang, R., Wang, Z., Yang, H., Wang, Y., Deng, A.,	2012j	Highly sensitive and specific detection of neonicotinoid insecticide imidacloprid in environmental and food samples by a polyclonal antibody-based enzyme-linked immunosorbent assay	Journal of the Science of Food and Agriculture (2012) Vol. 92.6, pp. 1253-1260	N	N/A	N/A	Analytical method for the detection of imidacloprid in the environment and foodstuffs
1097.	Wang, Z., Guo, J., Peng, M., Duan, H., Duan, C., Gao, J.	2012k	Indoor screening tests for pesticides against lemon whitefly	Acta Agriculturae Jiangxi (2012) Vol. 24.7, pp. 54-56	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1098.	Wang, P., Yang, X., Wang, J., Cui, J., Dong, A.J., Zhao, H.T., Zhang, L.W., Wang, Z.Y., Xu, R.B., Li, W.J., Zhang, Y.C., Zhang, H., Jing, J.	2012l	Multi-residue method for determination of seven neonicotinoid insecticides in grains using dispersive solid-phase extraction and dispersive liquid-liquid micro-extraction by high performance liquid chromatography	Food Chemistry (2012) Vol. 134(3), pp. 1691-1698	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
1099.	Wang, S-Y., Zhou, X-H., Zhang, A-S., Li, L-L., Men, X-Y., Zhang, S-C., Yu, Y., Liu, Y-J.	2012m	Resistance mechanisms and cross-resistance of phoxim-resistant Frankliniella occidentalis Pergande population	Chinese Journal of Applied Ecology (2012) Vol. 23.7, pp. 1933-1939	N	N/A	N/A	Insecticide resistance study
1100.	Wang, Y-Y., Liu, T-H., Li, J., Dong, J-Z., Zhou, T., Zhang, D-D.	2012n	Selective toxicity tests and field trials of 5 kinds of insecticide to Brevicoryne brassicae and ladybeetles	Nongyao (2012) Vol. 51, No. 11, pp. 829-831, 857	N	N/A	N/A	Efficacy/ insecticide toxicity study
1101.	Wang, N., Kong, D., Shan, Z., Shi, L., Cai, D., Cao, Y., Liu, Y., Pang, G.	2012o	Simultaneous determination of pesticides, polycyclic aromatic hydrocarbons, polychlorinated biphenyls and phthalate esters in human adipose tissue by gas chromatography-tandem mass spectrometry	J Chromatogr B Analyt Technol Biomed Life Sci (2012) Vol. 898, pp. 38-52	N	N/A	N/A	Analytical method for the detection of environmental contaminants in adipose tissue
1102.	Wang, G., Zhao, Y., Gao, H., Yue, W., Xiong, M., Li, F., Zhang, H., Ge, W.	2013c	Co-metabolic biodegradation of acetamiprid by Pseudoxanthomonas sp. AAP-7 isolated from a long-term acetamiprid-polluted soil	Bioresour Technol. (2013) Vol. 150, pp. 259-65	N	N/A	N/A	Mechanism of bacterial degradation

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1103.	Wang, G., Chen, X., Yue, W., Zhang, H., Li, F., Xiong, M.	2013d	Microbial degradation of acetamiprid by Ochrobactrum sp D-12 isolated from contaminated soil	PLoS ONE (2013) 8.12	N	N/A	N/A	Microbial degradation of acetamiprid
1104.	Wang, X., Mu, Z.D., Liu, R., Pu, Y.P., Yin, L.H.	2013e	Molecular imprinted photonic crystal hydrogels for the rapid and label-free detection of imidacloprid	Food Chemistry (2013) Vol. 141.4, pp. 3947-3953	N	N/A	N/A	Analytical method for the detection of imidacloprid
1105.	Warner, J., Yang, R-L., Scheffrahn, R.H.	2008	Efficacy of selected bait and residual toxicants for control of bigheaded ants, Pheidole megacephala (Hymenoptera: Formicidae) in large field plots	Florida Entomologist (2008) Vol. 91(2), pp. 277-282	N	N/A	N/A	Efficacy study
1106.	Watanabe, E., Eun, H., Baba, K., Arao, T., Ishii, Y., Endo, S., Ueji, M.	2004	Evaluation and validation of a commercially available Enzyme-Linked Immunosorbent Assay for the neonicotinoid insecticide imidacloprid in agricultural samples	J Agric Food Chem. (2004) Vol. 52(10), pp. 2756-62	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
1107.	Watanabe, E., Miyake, S., Baba, K., Eun, H., Endo, S.	2006	Immunoassay for acetamiprid detection: application to residue analysis and comparison with liquid chromatography	Analytical and Bioanalytical Chemistry (2006) Vol. 386(5), pp. 1441-1448	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
1108.	Watanabe, E., Baba, K., Eun, H.S.	2007	Simultaneous determination of neonicotinoid insecticides in agricultural samples by solid-phase extraction cleanup and liquid chromatography equipped with diode-array detection	Journal of Agricultural and Food Chemistry (2007) Vol. 55(10), pp. 3798-3804	N	N/A	N/A	Analytical detection of residues in agricultural samples

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1109.	Watanabe, E., Kobara, Y., Baba, K., Eun, H.	2013a	Reduction of hazardous organic solvent in sample preparation for hydrophilic pesticide residues in agricultural products with conventional liquid chromatography	Journal of Agricultural and Food Chemistry (2013) Vol. 61.20, pp. 4792-8	N	N/A	N/A	Analytical method for the detection of pesticides
1110.	Watanabe, E., Miyake, S., Yogo, Y.	2013b	Review of Enzyme-Linked Immunosorbent Assays (ELISAs) for Analyses of Neonicotinoid Insecticides in Agro-environments	Journal of Agricultural and Food Chemistry (2013) Vol. 61.51, pp. 12459-12472	N	N/A	N/A	Analytical method for the detection of pesticides in the environment
1111.	Waters, T.D., Wight, R.P., Fergison, H.J., Walsh, D.B.	2007	Insecticide efficacy against Lygus on alfalfa grown for seed in Washington State, 2006	Arthropod Management Tests (2007) Vol. 32, pp. F5	N	N/A	N/A	Efficacy study
1112.	Watson, G.B., Chouinard, S.W., Cook, K.R., Geng, C., Gifford, J.M., Gustafson, G.D., Hasler, J.M., Larrinua, I.M., Letherer, T.J., Mitchell, J.C., Pak, W.L., Salgado, V.L., Sparks, T.C., Stilwell, G.E.	2010	A spinosyn-sensitive Drosophila melanogaster nicotinic acetylcholine receptor identified through chemically induced target site resistance, resistance gene identification, and heterologous expression	Insect Biochem Mol Biol. (2010) Vol. 40(5), pp. 376-84	N	N/A	N/A	Investigation into the genetic basis of insecticide resistance
1113.	Watson, G.B., Loso, M.R., Babcock, J.M., Hasler, J.M., Letherer, T.J., Young, C.D., Zhu, Y., Casida, J.E., Sparks, T.C.	2011	Novel nicotinic action of the sulfoximine insecticide sulfoxaflor	Insect Biochemistry and Molecular Biology, (2011) Vol. 41(7), pp. 432-439.	N	N/A	N/A	Characterisa-tion of active substance mode of action

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1114.	Wegorek, P.	2005a	Current status of resistance in Colorado potato beetle (Leptinotarsa decemlineata Say) to selected active substances of insecticides in Poland	Journal of Plant Protection Research (2005) Vol. 45(4), pp. 309-319	N	N/A	N/A	Insecticide resistance study
1115.	Wegorek, P.	2005b	Preliminary data on resistance appearance of pollen beetle PB (Meligethes aeneus F.) to selected pyrethroids, organophosphorous and chloronicotynyls insecticide, in 2004 year in Poland	Resistant Pest Management Newsletter (2005) Vol. 14.2, pp. 19-21	N	N/A	N/A	Insecticide resistance study
1116.	Wegorek, P., Zamosjka, J.	2006	Resistance of pollen beetle (Meligethes aeneus F.) to pyrethroids, chloronicotinyls and organophosphorous insecticides in Poland.	Bulletin OLIB/SROP (2006) Vol. 29(7), pp. 135-140	N	N/A	N/A	Insecticide resistance study
1117.	Wegorek, P., Zamosjka, J.	2008	Current status and development perspectives of pollen beetle (Meligethes aeneus F.) insecticide resistance in Europe and in Poland	Progress in Plant Protection (2008) Vol. 48(3), pp. 1007-1012	N	N/A	N/A	Insecticide resistance study
1118.	Wegorek, P., Drozdynski, D., Mrowczynski, M., Zamojska, J.	2009a	Dynamics of acetamiprid disappearance in oilseed rape plant tissues in connection with its toxic action against pollen beetle (Meligethes seneus F.) and its influence on ecological aspect of oilseed rape chemical protection	Ecological Chemistry and Engineering A (2009) Vol. 16(1-2), pp. 83-90	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1119.	Wegorek, P., Mrówczynski, M., Zamojska, J.	2009b	Strategy of controlling pollen beetle (Meligethes aeneus F.) in Poland including resistance risk analysis	Progress in Plant Protection (2009) Vol. 49(3), pp. 1235-1241	N	N/A	N/A	Efficacy study
1120.	Wegorek, P., Zamojska, J., Mrówczynski, M.	2011	Susceptibility level of the Colorado potato beetle (Leptinotarsa decemlineata say) to chlorpyrifos and acetamiprid in Poland and resistance mechanisms of the pest to chlorpyrifos	Journal of Plant Protection Research (2011) Vol. 5193), pp. 279-284	N	N/A	N/A	Efficacy study
1121.	Weickhardt, C., Kaiser, N., Borsdorf, H.	2012	Ion mobility spectrometry of laser desorbed pesticides from fruit surfaces	International Journal for Ion Mobility Spectrometry (June 2012), Volume 15, Issue 2, pp 55-62	N	N/A	N/A	Analytical detection of residues in foodstuffs
1122.	Wei, X.Q., Li, X.W., Wang, Z., Yang, M.F., Yang, H.	2013	Monitoring of insecticide resistance of Myzus persicae in tobacco fields in Changshun of Guizhou	Guizhou Agricultural Sciences (2013) Vol. 2, pp. 81-85	N	N/A	N/A	Insecticide resistance study
1123.	Whiteside, M., Mineau, P., Morrison, C., Knopper, L.D.	2008	Comparison of a score-based approach with risk-based ranking of in-use agricultural pesticides in Canada to aquatic receptors	Integr Environ Assess Manag. (2008) Vol. 4(2), pp. 215-36	N	N/A	N/A	Risk-based approach for the ranking of pesticides
1124.	Winter, C.K., Katz, J.M.	2011	Dietary exposure to pesticide residues from commodities alleged to contain the highest contamination levels	Journal of Toxicology (2011) pp. 589674, 7 pp	N	N/A	N/A	Dietary levels of pesticide exposure
1125.	Wise, J.C., Schoenborn, K., Gut, L.J.	2005	Mite flaring potential of various compounds and effects on beneficial insects, 2004	Arthropod Management Tests (2005) Vol. 30, pp. A28	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1126.	Wise, J.C., Vanderpoppen, R., Vandervoort, C.	2009	Curative activity of insecticides on Rhagoletis pomonella (Diptera: Tephritidae) in apples	Journal of Economic Entomology (2009) Vol. 102(5), pp. 1864-1873	N	N/A	N/A	Efficacy study
1127.	Wise, J.C., Jenkins, P.E., Poppen, R.V., Isaacs, R.	2010	Activity of broad-spectrum and reduced-risk insecticides on various life stages of cranberry fruitworm (Lepidoptera: Pyralidae) in highbush blueberry	Journal of Economic Entomology (2010) Vol. 103(5), pp. 1720-1728	N	N/A	N/A	Efficacy study
1128.	Wong, J., Hao, C., Zhang, K., Yang, P., Banerjee, K., Hayward, D., Iftakhar, I., Schreiber, A., Tech, K., Sack, C., Smoker, M., Chen, X., Utture, S.C., Oulkar, D.P.	2010	Development and interlaboratory validation of a QuEChERS-Based liquid chromatography-tandem mass spectrometry method for multiresidue pesticide analysis	J Agric Food Chem. (2010) Vol. 58(10), pp. 5897-903	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
1129.	Wu, Q-J., Zhao, J-Z., Taylor, A.G., Shelton, A.M.	2006	Evaluation of insecticides and application methods against Contarinia nasturtii (Diptera: Cecidomyiidae), a new invasive insect pest in the United States	Journal of Economic Entomology (2006) Vol. 99(1), pp. 117-122	N	N/A	N/A	Efficacy study
1130.	Wu, G., Zhai, L., Bi, F.	2010b	Selection of UV absorption wavelength for 94 pesticide analysis by HPLC	Nongyao (2010) Vol. 49(8), pp. 581-584	N	N/A	N/A	UV absorption of pesticides by HPLC

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1131.	Wu, Q., Li, Z., Wang, C., Wu, C., Wang, W., Wang, Z.	2011b	Dispersive solid-phase extraction clean-up combined with dispersive liquid-liquid microextraction for the determination of neonicotinoid insecticides in vegetable samples by high-performance liquid chromatography	Food Analytical Methods (2011) Vol. 4(4), pp. 559-566	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
1132.	Wu, X., Zhang, G., Gu, Y., Shi, W., Fei, Z.	2012b	Adsorption of acetamiprid and benzoic acid in aqueous solution with adsorption resins in binary components system	Jisuanji Yu Yingyong Huaxue (2012) Vol. 29, No. 6, pp. 665-668	N	N/A	N/A	Adsorption with adsorption resins
1133.	Wu, X-H., Yang, S-S., Zhang, G-C., Xing, R., Zhang, H-M., Fei, Z-H.	2012c	Competitive adsorption of acetamiprid and amino benzene in aqueous solution with adsorption resins in binary components system	Nongyao (2012) Vol. 51, No. 10, pp. 727-729	N	N/A	N/A	Adsorption with adsorption resins
1134.	Wu, X., Xue J., Zhang, L., Sun, N., Liu, D.	2012d	Effect of three pesticides on chlorogenic acid concentration of Lonicera japonica Thunb	Asian Journal of Chemistry (2012) Vol. 24.9, pp. 3829-3832	N	N/A	N/A	Agronomy study
1135.	Wu, B., Ding, T., Liu, H., Chen, H., Zhao, Z., Zhang, R., Shen, C.	2012e	Fast screening ninety-six pesticides in six kinds of agricultural products by high performance liquid chromatography-quadrupole/electrostatic field orbit trap high resolution mass spectrometry	Se Pu (2012) Vol. 30(12), pp. 1246-52	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
1136.	Wu, R., Wang, H., Zhang, Y., Sun, J.	2012f	Laboratory screening of insecticides for controlling Drosicha corpulenta Kuwana	Journal of Henan Agricultural Sciences (2012) Vol. 41.9, pp. 99-102	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1137.	Wu, X-H., Zhang, H-M., Fei, Z-H.	2012	Adsorption of acetamiprid and p-cresol in aqueous solution with adsorption resins in binary components	Huanjing Kexue yu Jishu / Environmental Science & Technology (2012) Vol. 35(10), pp. 25-28	N	N/A	N/A	Adsorption of acetamiprid on resin
1138.	Wu, X., Xing, R., Zhang, H., Zhang, G., Fei, Z.	2013	Adsorption of Acetamiprid and p-Cresol from Water in Single Component System and Binary Components System with the Adsorption Resin Modified with Proline	Asian Journal of Chemistry (2013) Vol. 25(14), pp. 7931-7936	N	N/A	N/A	Adsorption of acetamiprid onto resin
1139.	Wumbei, A.	2013	Risk assessment of applicator exposure to pesticides on cotton farms in Ghana	Journal of Environment and Earth Science (2013) Vol. 3.1, pp. 156-172	N	N/A	N/A	Operator exposure study
1140.	Xi, D.	2008	Five kinds of insecticides to Harmonia axyridis security determination experiment	Nongyao (2008) Vol. 47(1), pp. 50-51, 54	N	N/A	N/A	Efficacy/ insecticide toxicity study
1141.	Xiao, Z., Li, X., Wang, X., Shen, J., Ding, S.	2011	Determination of neonicotinoid insecticides residues in bovine tissues by pressurized solvent extraction and liquid chromatography-tandem mass spectrometry	Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences (2011) Vol. 879(1), pp. 117-122	N	N/A	N/A	Analytical detection of residues in bovine tissues
1142.	Xiao, Z., Yang, Y., Li, Y., Fan, X., Ding, S.	2013	Determination of neonicotinoid insecticides residues in eels using subcritical water extraction and ultra-performance liquid chromatography-tandem mass spectrometry	Analytica Chimica Acta (2013) Vol. 777, pp. 32-40	N	N/A	N/A	Analytical method for the detection of residues in eels
1143.	Xie, G., Liu, G., Sun, D., Zheng, L.	2007	Effects of SDBS and CTAB on photolysis of acetamiprid	Huanjing Kexue Xuebao (2007) Vol. 27(12), pp. 2001-2005	N	N/A	N/A	Effects of surfactants on photolysis of acetamiprid

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1144.	Xie, W., Qian, Y., Ding, H-Y., Chen, X-M., Xi, J-Y., Jiang, X-Y.	2009	Determination of six neonicotinoid pesticides residues in tea samples using high performance liquid chromatography tandem mass spectrometry	Chinese Journal of Analytical Chemistry (2009) Vol. 37(4), pp. 495-499	N	N/A	N/A	Analytical detection of residues in foodstuffs
1145.	Xie, W., Han, C., Qian, Y., Ding, H., Chen, X., Xi, J.	2011a	Determination of neonicotinoid pesticides residues in agricultural samples by solid-phase extraction combined with liquid chromatography-tandem mass spectrometry	Journal of Chromatography A (2011) Vol. 1218(28), pp. 4426-4433	N	N/A	N/A	Analytical detection of residues in agricultural samples
1146.	Xie, W., Wang, S.L., Wu, Q.J., Feng, Y.T., Pan, H.P., Jiao, X.G., Long, Z., Yang, X., Fu, W., Teng, H.Y., Xu, B.Y., Zhang, Y.J.	2011b	Induction effects of host plants on insecticide susceptibility and detoxification enzymes of Bemisia tabaci (Hemiptera: Aleyrodidae)	Pest Management Science (2011) Vol. 67(1), pp. 87-93	N	N/A	N/A	Efficacy study
1147.	Xing, Z., Chow, L., Cook, A., Benoy, G., Rees, H., Ernst, B., Meng, F., Li, S., Zha, T., Murphy, C., Batchelor, S., Hewitt, L.M.	2012	Pesticide application and detection in variable agricultural intensity watersheds and their river systems in the Maritime region of Canada	Arch Environ Contam Toxicol. (2012) Vol. 63(4), pp. 471-83	N	N/A	N/A	Pesticide application and detection in Canada
1148.	Xu, P-J., Zhang, H-Y., Tao, B., Zhao, Y-Z., Qui, L.H.	2008	Determination of acetamiprid residues in cucumber and rape by high performance liquid chromatography	Fenxi Shiyanshi (2008) Vol. 27(10), pp. 80-83	N	N/A	N/A	Analytical detection of residues in foodstuffs

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1149.	Xu, J., Chen, J., Ye, H., Wang, L., Sun, L., Lai, Z.	2011a	Determination of 19 pesticide residues in tea using quEChERS extraction and high-performance liquid chromatography-electrospray tandem mass spectrometry	Fenxi Ceshi Xuebao (2011) Vol. 30(9), pp. 990-995	N	N/A	N/A	Analytical detection of residues in foodstuffs
1150.	Xu, Q., Du, S., Jin, G., Li, H., Hu, X.Y.	2011b	Determination of acetamiprid by a colorimetric method based on the aggregation of gold nanoparticles	Microchimica Acta (2011) Vol. 173(3-4), pp. 323-329	N	N/A	N/A	Analytical method for the detection of acetamiprid
1151.	Xu, D-J., Gu, Z-Y., Xu, G-C., Xu, X-L., Dong, Y-X.	2012	Toxicity difference of different acetamiprid formulations against Bemisia tabaci and reasons	Zhongguo Shengtai Nongye Xuebao/Chinese Journal of Eco-Agriculture (2012) Vol. 20(10), pp. 1347-1352	N	N/A	N/A	Efficacy study
1152.	Xue, J., Xu, Y., Liu, F., Xue, J., Li, H., Peng, W.	2013	Comparison of different sample pre-treatments for multi-residue analysis of organochlorine and pyrethroid pesticides in chrysanthemum by gas chromatography with electron capture detection	J Sep Sci. (2013) Vol. 36(7), pp. 1311-6	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
1153.	Yadav, N.K., Singh, P.S.	2013	Field evaluation of some new insecticide molecules against pod borers in mung bean	Indian Journal of Entomology (2013) Vol. 75.4, pp. 360-361	N	N/A	N/A	Efficacy study
1154.	Yadav, U.S., Srivastava, R.K., Singh, R.K., Yadav, A.	2012	Evaluation of insecticides for the control of white fly (Bemisia tabaci) vector for Yellow Vein Mosaic Virus disease of mesta	Indian Phytopathology (2012) Vol. 65.4, pp. 418-419	N	N/A	N/A	Efficacy study
1155.	Yamada, K., Okamura, Y., Wada, T.	2008	Determination of pesticide residues in vegetable oils by GC/MS spectrometry	Shimadzu Hyoron (2008) Vol. 65, No. 1/2, pp. 15-23	N	N/A	N/A	Analytical detection of pesticides in foodstuffs

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1156.	Yamamoto, A., Terao, T., Hisatomi, H., Kawasaki, H., Arakawa, R.	2012	Evaluation of river pollution of neonicotinoids in Osaka City (Japan) by LC/MS with dopant-assisted photoionisation	JEM Journal of Environmental Monitoring (2012) Vol. 14.8, pp. 2189-2194	N	N/A	N/A	Environmental levels of pesticides
1157.	Yamashita, M., Toita, H., Honda, K.	2009	Removal of pesticide residues in farm products by ultrasonic washing (part 2)	Kankyo Kagaku (2009) Vol. 19, No. 4, pp. 537-541	N	N/A	N/A	Removal of residues from agricultural products
1158.	Yamashita, M., Makino, T., Asaeda, M., Fujita, H., Honda, K.	2010	Simplified screening analysis for pesticide residues in farm products by ultrasonic extraction	Kankyo Kagaku (2010) Vol. 20(1), pp. 21-27	N	N/A	N/A	Ultrasonic detection of residues in agricultural products
1159.	Yan, H-H., Hu, B., Liu, H-M., Ma, H-M., Wang, L-J., Shi, J.	2011	Determination of fifteen pesticide residues in tobacco with LC-MS/MS	Yancao Keji (2011) No. 7, pp. 43-47	N	N/A	N/A	Analytical detection of pesticides in tobacco
1160.	Yan, X., Shi, H., Wang, M.	2012	Development of an enzyme-linked immunosorbent assay for the simultaneous determination of parathion and imidacloprid	Analytical Methods (2012) Vol. 4.12, pp. 4053-4057	N	N/A	N/A	Analytical method for the detection of pesticides
1161.	Yañez, K.P., Bernal, J.L., Nozal, M.J., Martín, M.T., Bernal, J.	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) Vol. 1285, pp. 110-117	N	N/A	N/A	Analytical detection of pesticides in beeswax

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1162.	Yang, H., Peng D.Y.	2013	Manufacture and measurement of 10% Acetamiprid. Buprofezin effervescent tablet	Acta Agriculturae Jiangxi (2013) Vol. 25.7, pp. 63-65	N	N/A	N/A	Manufacture of acetamiprid
1163.	Yang, H-Q., Wang, K-Y., Wang, H-Y., Shi, X-B., Fang, N.	2009	Cross-resistance of the imidacloprid-resistant population of Aphis gossypii Glover (Homoptera: Aphididae) to pymetrozine and other three pesticides and the effects of pesticide application on its biological characteristics	Acta Entomologica Sinica (2009) Vol. 52(2), pp. 175-182	N	N/A	N/A	Insecticide resistance study
1164.	Yang, H.Q., Wang, K.Y., Shi, X.B., Xiao, C.H., Wang, H.Y.	2010	The negative cross-resistance and biological characteristics of pyridaben to imidacloprid-resistant population of Aphis gossypii Glover (Hemiptera: Aphididae)	Acta Phytophylacica Sinica (2010) Vol. 37(1), pp. 55-61	N	N/A	N/A	Insecticide resistance study
1165.	Yang, X., Wang, S., Han, F., Yang, H., Wang, F.	2012b	Evaluation on field control effects of some pesticides such as thiamethoxam for control of leafhoppers on alfalfa	Nongyao (2012) Vol. 51(5), pp. 385-386	N	N/A	N/A	Efficacy study
1166.	Yang, H., Yang, W., Yang, C., Huang, Q., Zhu, T., Han, S., Wang, X.	2013b	Sublethal effects of three insecticides on the reproduction and host searching behaviors of Sclerodermus sichuanensis xiao (hymenoptera: Bethytidae)	Shengtai Xuebao/ Acta Ecologica Sinica (2013) Vol. 33(5), pp. 1405-1412	N	N/A	N/A	Efficacy/ insecticide toxicity study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1167.	Yankova, V., Ganeva, D.	2013	Possibilities for control of tomato leaf miner Tuta absoluta (Meyrick) by application of insecticides in tomato greenhouse growing	Bulgarian Journal of Agricultural Science (2013) Vol. 19.4, pp. 728-731	N	N/A	N/A	Efficacy study
1168.	Yao, G.S.	2006	Experiment of using 3% acetamiprid emulsion for control of peach aphid	China Fruits 92006) Vol. 1, pp. 31-32	N	N/A	N/A	Efficacy study
1169.	Yao, X-H., Min, H.	2006	Isolation, characterization and phylogenetic analysis of a bacterial strain capable of degrading acetamiprid	Journal of Environmental Sciences (2006) Vol. 18(1), pp. 141-146	N	N/A	N/A	Analysis of a bacterial strain capable of degrading acetamiprid
1170.	Yao, X-H., Min, H., Yuan, H-P.	2006c	Microbial diversity in acetamiprid-polluted soil	Shengtai Xuebao (2006) Vol. 26(9), pp. 3074-3080	N	N/A	N/A	Effects on soil microbial activity
1171.	Yassine, B., Leray, X., Falaise, C., Quinchard, S., Ceron-Carrasco, J.P. Jacquemin, D. Graton, J., Le Questel, J-Y., Thany, S.H.	2013	Pretreatment of the cockroach cercal afferent/giant interneuron synapses with nicotinoids and neonicotinoids differently affects acetylcholine and nicotine-induced ganglionic depolarizations	Invertebrate Neuroscience (2013) Vol. 13(2), pp. 91-97	N	N/A	N/A	Research paper; not relevant
1172.	Ye, J., She, D.	2010	Biological characteristics of Dendrothrips ornatus and test on control by pesticide	Journal of Zhejiang Forestry Science and Technology (2010) Vol. 30(4), pp. 76-78	N	N/A	N/A	Biological characteristics of *D. ornatus* and pesticide control
1173.	Ye, X.Z., Zhao, Y.S., Wang, Q., Jiang, Y.G.	2012	Present status of pesticide residue in vegetables and its potential risk analysis	China Vegetables (2012) Vol. 14, pp. 76-80	N	N/A	N/A	Pesticide residues survey

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1174.	Yee, W.L.	2009a	Insecticide, sugar, and diet effects on feeding and mortality in Rhagoletis indifferens (Dipt., Tephritidae)	Journal of Applied Entomology (2009) Vol. 133(4), pp. 297-306	N	N/A	N/A	Agronomy study
1175.	Yee, W.L.	2009b	Reduction in emergence of Rhagoletis indifferens (Diptera: Tephritidae) from sweet cherries with different egg and larval distributions using newer insecticides	Journal of Entomological Science (2009) Vol. 44(3), pp. 171-186	N	N/A	N/A	Efficacy study
1176.	Yee, W.L.	2010	Oviposition in sweet cherry by reproductively mature Western Cherry Fruit Fly (Diptera: Tephritidae) fed spinosad and neonicotinoid insecticide baits	Journal of Economic Entomology (2010) Vol. 103(2), pp. 379-385	N	N/A	N/A	Efficacy study
1177.	Yee, W.L.	2011	Mortality and oviposition of Western Cherry Fruit Fly (Diptera: tephritidae) exposed to different insecticide baits for varying periods in the presence and absence of food	Journal of Economic Entomology (2011) Vol. 104(1), pp. 194-204	N	N/A	N/A	Efficacy study
1178.	Yeoh, C.B., Chong, C.L.	2012	LC-MSMS analysis of acetamiprid residue in crude palm oil	European Journal of Lipid Science and Technology (2012) Vol. 114.12, pp. 1358-1361	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
1179.	Yi, X., Zhu, J., Ding, P., Xia, Y.	2011	Determination of neonicotinoid residues in rice by HPLC	Shipin Kexue (Beijing, China) (2011) Vol. 32(6), pp. 169-172	N	N/A	N/A	Analytical detection of residues in foodstuffs
1180.	Yin, K.S., Wu, W.W., Guo, Z.X., He, C.X., Luo, Y.J., Pu, E.T.	2008	Influence of temperature on activity of acetamiprid against Brevicoryne brassicae	Southwest China Journal of Agricultural Sciences (2008) Vol. 21(2), pp. 372-375	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1181.	Yin, J., Yin, J., Shao, J.	2012	Determination of acetamiprid pesticide residue in fresh vegetables by HPLC	Modern Preventive Medicine (2012) Vol. 39.3, pp. 672-674	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
1182.	Yokoyama, A., Ohtsu, K., Iwafune, T., Nagai, T., Ishihara, S., Kobara, Y., Horio, T., Endo, S.	2009	A useful new insecticide bioassay using first-instar larvae of a net-spinning caddisfly, Cheumatopsyche brevilineata (Trichoptera: Hydropsychidae)	Journal of Pesticide Science (Tokyo, Japan) (2009) Vol. 34(1), pp. 13-20	N	N/A	N/A	Bioassay for insecticide toxicity
1183.	You, X.L., Yang, Z.Z., Xiong, D.Y., Zhen, W.C., Diao, C.Q.	2009	The control effect of 3% acetamiprid emulsion against Myzus persicae	Guizhou Agricultural Sciences (2009) Vol. 3, pp. 95-96	N	N/A	N/A	Efficacy study
1184.	Yu, Q., Zhou, H., Wang, J., Qiao, X.	2007	Research progress on degradation of acetamiprid and safety to environment	Nongyao (2007) Vol. 46(4), pp. 223-226	N	N/A	N/A	Review of effects of acetamiprid on the environment. Paper language is Chinese and so is considered not relevant
1185.	Yu, R., Yu, W., Wu, C., Wu, S., Chen, L., Cang, T., Zhao, X.	2009a	Effects of different pesticides on adults, larvae, eggs and pupae of Trichogramma nubilale	Nongyao, (2009) Vol. 48(8), pp. 588-590	N	N/A	N/A	Efficacy/ insecticide toxicity study
1186.	Yu, X.Y., Zhang, Z.Y., Sun, X., Zhou, S.Y., Liu, X.J.	2009b	Impact of sampling process on the results of residue monitoring of acetamiprid in cucumber	Jiangsu Journal of Agricultural Sciences (2009) Vol. 25(4), pp. 939-941	N	N/A	N/A	No abstract available to determine relevance
1187.	Yu, X-Y., Mu, C-L., Liu, X-J., Gu, C., Liu, C.	2011a	Impact of woodchip biochar amendment on the sorption and dissipation of pesticide acetamiprid in agricultural soils	Chemosphere (2011) Vol. 85(8), pp. 1284-1289	N	N/A	N/A	Effect of biochar on acetamiprid sorption and dissipation in soil

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1188.	Yu, F., Kang, M., Meng, F., Guo, X., Xu, B.	2011b	Molecular cloning and characterization of a thioredoxin peroxidase gene from Apis cerana cerana	Insect Mol Biol. (2011) Vol. 20(3), pp. 367-78	N	N/A	N/A	Molecular cloning and characterization of a thioredoxin peroxidase gene
1189.	Yu, X., Lu, W., Sun, R., Guo, X., Xu, B.	2012	Identification and characterization of a novel calcyclin binding protein (CacyBP) gene from Apis cerana cerana	Molecular Biology Reports (2012) Vol. 39.8, pp. 8053-63	N	N/A	N/A	Research paper; not relevant
1190.	Yu, Q., Wang, Z., Feng, Y., Liu, Z., Zhang, R.	2013b	Toxicity test of different pesticides and their mixed formulation against Aphis citricola	Zhiwu Baohu (2013) Vol. 39(3), pp. 178-181	N	N/A	N/A	Efficacy study
1191.	Zamoyska, J., Wegorek, P.	2006	Activity of determined active substances on insecticide-resistant population of pollen beetle (Meligethes aeneus F.).	Progress in Plant Protection 92006) Vol. 46(2), pp. 491-494	N	N/A	N/A	Insecticide resistance study
1192.	Zamojska, J., Wegork, P. Mrówczynski, M.	2010	Current status of a threat by resistance to insecticides of selected insect species in Poland	Progress in Plant Protection (2010) Vol. 50(3), pp. 1205-1212	N	N/A	N/A	Insecticide resistance study
1193.	Zanwar, P.R., Deosarkar, D.B., Yadav, G.A., Shelke, L.Y.	2012	Evaluation of certain neonicotinoids against sucking pests in Bt cotton	Pestology (2012) Vol. 36(1), pp. 21-24	N	N/A	N/A	Efficacy study
1194.	Zepa, C., Tabara, V., Petrescu, I., Palagesiu, I.	2011	Chemical control of Thrips tabaci attach on the crop of Calendual officinalis	Romanian Agricultural Research (2011), Vol. 28, pp. 243-247	N	N/A	N/A	Efficacy study
1195.	Zhang, Y.	2007	Comparison of effectiveness of pesticides for control of apple aphid (Aphis pomi).	China Fruits (2007) Vol. 4, pp. 38-40	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1196.	Zhang, B-Y.	2013	Oxidative stress induced by neonicotinoid insecticides and its inhibitory effects on metal oxidases in plants	Shijie Nongyao (2013) Vol. 35(3), pp. 23-27	N	N/A	N/A	Effect of neonicotinoids on metal oxidases in plants
1197.	Zhang, W., Deng, X., Wang, J., He, L., Wu, C.	2006	Use of a mathematical model in screening optimal proportions of two-component mixtures	Nongyao (2006) Vol. 45(5), pp. 316-319	N	N/A	N/A	Screening for optimal components of mixtures
1198.	Zhang, S., Liu, S., Su, Y., Lian, X.W.	2007	Quantum chemistry on fluorescence spectra of three aromatic hydrocarbons	Spectroscopy and Spectral Analysis (2007) Vol. 27(7), pp. 1385-1387	N	N/A	N/A	Fluorescence spectra of acetamiprid
1199.	Zhang, B., Pan, X., Venne, L., Dunnum, S., McMurry, S.T., Cobb, G.P., Anderson, T.A.	2008a	Development of a method for the determination of 9 currently used cotton pesticides by gas chromatography with electron capture detection	Talanta (2008) Vol. 75(4), pp. 1055-1060	N	N/A	N/A	Analytical method for detection of pesticides used in cotton
1200.	Zhang, F., Fu, Y., Peng, Z., Zhang, J., Jin, Q.	2008b	Selective toxicity of insecticides on Parasissetia nigra and Coccophagus ceroplastae	Nongyao (2008) Vol. 47(4), pp. 282-283	N	N/A	N/A	Efficacy/ insecticide toxicity study
1201.	Zhang, Z., Guo, T., Wang, W., Liu, F., Mu, W.	2009a	Assessment of relative toxicity of insecticides to the green plant bug, Lygus lucorum Meyer-Duer (Hemiptera: Miridae), by two different bioassay methods	Kunchong Xuebao (2009) Vol. 52(9), pp. 967-973	N	N/A	N/A	Efficacy/ insecticide toxicity study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1202.	Zhang, K., Wong, J.W., Hayward, D.G., Sheladia, P., Krynitsky, A.J., Schenck, F.J., Webster, M.G., Ammann, J.A., Ebeler, S.E.	2009b	Multiresidue pesticide analysis of wines by dispersive solid-phase extraction and ultrahigh-performance liquid chromatography-tandem mass spectrometry	J Agric Food Chem. (2009) Vol. 57(10), pp. 4019-29	N	N/A	N/A	Analytical detection of residues in foodstuffs
1203.	Zhang, J., Tu, H., Chen, H., Guo, X., Li, Y.	2009c	Toxicities of 20 insecticide to Aphis citricola von der Goot and their safety evaluation	Nongyao (2009) Vol. 48(7), pp. 519-521	N	N/A	N/A	Efficacy/ insecticide toxicity study
1204.	Zhang, X., Ren, X., Niu, F.	2009d	Toxicity of chlorpyrifos with different insufflation method to striped flea beetle	Nongyao Kexue Yu Guanli (2009) Vol. 30(12), p. 43-44	N	N/A	N/A	Efficacy/ insecticide toxicity study
1205.	Zhang, X., Mobley, N., Zhang, J., Zheng, X., Lu, L., Ragin, O., Smith, C.J.	2010a	Analysis of agricultural residues on tea using d-SPE sample preparation with GC-NCI-MS and UHPLC-MS/MS	Journal of Agricultural and Food Chemistry (2010) Vol. 58(22), pp. 11553-11560	N	N/A	N/A	Analytical detection of residues in foodstuffs
1206.	Zhang, Y-H., Liu, S-S., Liu, H-L., Liu, Z.Z.	2010b	Evaluation of the combined toxicity of 15 pesticides by uniform design	Pest Management Science (2010) Vol. 66(8), pp. 879-887	N	N/A	N/A	Evaluation of the combined toxicity of 15 pesticides
1207.	Zhang, K., Wong, J.W., Yang, P., Tech, K., Dibenedetto, A.L., Lee, N.S., Hayward, D.G., Makovi, C.M., Krynitsky, A.J., Banerjee, K., Jao, L., Dasgupta, S., Smoker, M.S., Simonds, R., Schreiber, A.	2011c	Multiresidue pesticide analysis of agricultural commodities using acetonitrile salt-out extraction, dispersive solid-phase sample clean-up, and high-performance liquid chromatography-tandem mass spectrometry	J Agric Food Chem. (2011) Vol. 59(14), pp. 7636-46	N	N/A	N/A	Analytical detection of residues in foodstuffs
1208.	Zhang, R.F., Wang, D.Y., Wang, H., Yu, J.N.	2011d	The toxicity and effects in field by different pesticides to Acleris fimbriana Thunberg	Xinjiang Agricultural Sciences (2011) Vol. 48(11), pp. 2046-2049	N	N/A	N/A	Efficacy study

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1209.	Zhang, X., Zhao, I., Hzuoremu,	2011e	Toxicities test of 9 insecticide to Hyalopterus amygdali Blanchard in laboratory	Xinjiang Agricultural Sciences (2011) Vol. 47(11), pp. 2226-2229	N	N/A	N/A	Efficacy/ insecticide toxicity
1210.	Zhang, H.J., Zhou, Q.W., Zhou, G.C., Cao, Y.M., Dai, Y.J., Ji, W.W., Shang, G.D., Yuan, S.	2012b	Biotransformation of the neonicotinoid insecticide thiacloprid by the bacterium Variovorax boronicumulans strain J1 and mediation of the major metabolic pathway by nitrile hydratase	J Agric Food Chem. (2012) Vol. 60(1), pp. 153-9	N	N/A	N/A	Bacterial degradation of thiacloprid
1211.	Zhang, Y., Nong, X., Zhang, Z., Wang, G.	2012c	Compatibility of eighteen chemical pesticides with Metarhizium anisopliae	Chinese Journal of Biological Control (2012) Vol. 28.2, pp. 186-191	N	N/A	N/A	Effect of pesticides on fungi
1212.	Zhang, F., Li, Y., Yu, C., Pan, C.	2012d	Determination of six neonicotinoid insecticides residues in spinach, cucumber, apple and pomelo by QuEChERS method and LC-MS/MS	Bull Environ Contam Toxicol. (2012) Vol. 88(6), pp. 885-90	N	N/A	N/A	Analytical detection of residues in foodstuffs
1213.	Zhang, S., Yang, X., Yin, X., Wang, C., Wang, Z.	2012e	Dispersive liquid-liquid microextraction combined with sweeping micellar electrokinetic chromatography for the determination of some neonicotinoid insecticides in cucumber samples	Food Chemistry (2012) Vol. 133.2, pp. 544-550	N	N/A	N/A	Analytical method for the detection of residues in foodstuffs
1214.	Zhang X., Liu, J., Li, F.	2012f	Susceptible level of Aphis gossypii to different insecticides in the north of Xinjiang	Plant Protection (2012) Vol. 38.2, pp. 163-166	N	N/A	N/A	Efficacy study

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1215.	Zhang, Y., Cao, T., Huang, X., Liu, M., Shi, H., Zhao, G.	2013g	A visible-light driven photoelectrochemical aptasensor for endocrine disrupting chemicals Bisphenol A with high sensitivity and specificity	Electroanalysis (2013) Vol. 25.7, pp. 1787-1795	N	N/A	N/A	Analytical method for the detection of bisphenol A
1216.	Zhang, Y., Zhang, G., Zhou, X., Li, Y.	2013h	Determination of acetamiprid partial-intercalative binding to DNA by use of spectroscopic, chemometrics, and molecular docking techniques	Anal Bioanal Chem. (2013) Vol. 405(27), pp.	N	N/A	N/A	Determination of acetamiprid binding to DNA
1217.	Zhao, D., Liu, F., Mu, W., Ma, C.	2006	Preparation of base liquid of some insecticides for toxicity bioassay	Nongyao Kexue Yu Guanli (2006) Vol. 27(2), pp. 23-26, 30	N	N/A	N/A	Development of toxicity tests
1218.	Zhao, Y., Wang, C., Su, F., Wang, L., Li, Y., Han, Y., Bai, J., Zhang, X.	2008b	Determination of pesticide residues in Ephedra equisetina by micellular electrostatic capillary chromatography	Zhongguo Zhongyao Zazhi (2008) Vol. 33(19), pp. 2271-2273	N	N/A	N/A	Analytical detection of residues in herbal medicine
1219.	Zhao, Y-J., Dai, Y-J., Yu, C-G., Luo, J., Xu, W-P., Ni, J-P., Yuan, S.	2009	Hydroxylation of thiacloprid by bacterium Stenotrophomonas maltophilia CGMCC1.1788	Biodegradation (2009) Vol. 20(6), pp. 761-768	N	N/A	N/A	Bacterial hydroxylation of thiacloprid
1220.	Zhao, J., Gao, J., Wu, Y-K., Tang, C., Yang, Y., Yu, J., Yan, G-F.	2011a	Determination of 18 pesticides in vegetables using high performance liquid chromatography-electrospray ionization tandem mass spectrometry	Fenxi Kexue Xuebao (2011) Vol. 27, No. 6, pp. 759-763	N	N/A	N/A	Analytical detection of residues in foodstuffs

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1221.	Zhao, J., Fu, Y., Zhao, C., Yang, S., Qu, Y., Jiao, N.	2011b	Identification and characterization of a purple sulfur bacterium from mangrove with rhodopin as predominant carotenoid	Acta Microbiologica Sinica (2011) Vol. 51(10), pp. 1318-1325	N	N/A	N/A	Identification and characterisation of a purple sulfur bacterium from mangrove
1222.	Zhao, Y-B., Pang, G-F., Fan, C-L., Shi, Z-H.	2011c	Simultaneous determination of 203 pesticide and chemical pollutant residues in eggs by gas chromatography-tandem mass spectrometry	Fenxi Shiyanshi (2011) Vol. 30(5), pp. 8-21	N	N/A	N/A	Analytical detection of residues in foodstuffs
1223.	Zhao, J-W., Zheng, Y., Li, L-N., He, Y-X., Weng, Q-Y.	2012b	Toxicity of various classes of insecticides to Serangium japonicum, a predator of Bemisia tabaci	Yingyong Kunchong Xuebao (2012) Vol. 49(6), pp. 1577-1583	N	N/A	N/A	Paper in Chinese; acetamiprid not tested
1224.	Zhi, F.	2008	6-chloro-N'-(2-hydroxy-1-naphthyl-methylene) nicotinohydrazide	Acta Crystallographica Section E-Structure Reports Online (2008) Vol. 64:O150-U3854	N	N/A	N/A	Chemical structure
1225.	Zhi, F., Yang, Y-L.	2007	6-chloro-N'-(2,4-dichlorobenzylidene)-nicotinohydrazide	Acta Crystallographica Section E-Structure Reports Online (2007) Vol. 63:O4471-U4867	N	N/A	N/A	Chemical structure
1226.	Zhi, F., Yang, Y-L.	2011	6-chloro-N'-(2,4-dichlorobenzylidene) nicotinohydrazide	Acta Crystallographica Section E-Structure Reports Online (2010) Vol. 66:O4471-U2278	N	N/A	N/A	Chemical structure

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					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1227.	Zhou, Q., Ding, Y., Xiao, J.	2007	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) Vol. 385(8), pp. 1520-1525	N	N/A	N/A	Analytical detection of residues in water samples
1228.	Zhou, X., Sang, W., Liu, S., Zhang, Y., Ge, H.	2010a	Modeling and prediction for the acute toxicity of pesticide mixtures to the freshwater luminescent bacterium Vibrio qinghaiensis sp.-Q67	Journal of Environmental Sciences (2010) Vol. 22(3), pp. 433-440	N	N/A	N/A	Toxicity of pesticide mixtures to freshwater bacteria
1229.	Zhou, R., Fan, H., He, B.	2010b	Residues of pesticides and antibiotics in a mangrove area suffering aquaculture drainages	Guangxi Zhiwu (2010) Vol. 30(6) pp. 776-780	N	N/A	N/A	Environmental levels of pesticides
1230.	Zhou, Y., Qiao, X., Li, W., Xu, J., Wang, W., Chen, X.	2011	Phyllosphere bacterial communities associated with the degradation of acetamiprid in Phaseolus vulgaris	African Journal of Biotechnology (2011) Vol. 10(19), pp. 3809-3817	N	N/A	N/A	Acetamiprid degradation by phyllomicrobes and ecological effects on phyllobacteria
1231.	Zhou, T-Y., Qu, H-L., Zhang, D-H., Wang, S-S.	2013a	Toxicity measurement of three insecticides on nymphs of Erythroneura apicalis Nawa	Xinjiang Nongye Kexue (2013) Vol. 50(8), pp. 1488-1493	N	N/A	N/A	Efficacy study
1232.	Zhou, J., Jiang, H., Zhang, Y., Zhang, L., He, W.	2013b	Toxicity of lambda-cypermethrin, acetamiprid and their combinations against Bombyx mori L.	Nongyao Kexue Yu Guanli (2013) Vol. 4(6), pp. 20-22	N	N/A	N/A	Efficacy study

Number	Author	Year	Title	Reference	Meet relevance criteria	Meet Reliability Criteria		Comments
					Y or N	Y, N or N/A	Result of reliability assessment/ Justification if not reliable	
1233.	Zhu, X.W., Liu, S.S., Zhang, Q., Liu, Y.	2009b	Short-term and long-term toxicities of selected insecticides and antibiotics on photobacteria	Research of Environmental Sciences (2009) Vol. 22(5), pp. 589-594	N	N/A	N/A	Effect of insecticides on photobacteria
1234.	Zhu, L., Gong, Y., Shi, B., Wang, Z., Kang, Z., Wei, S.	2011	Toxicities of five types of insecticides to adults of invasive thrips Echinothrips americanus Morgan in China	Nongyao (2011) Vol. 50(9), pp. 690-692	N	N/A	N/A	Efficacy/ Insecticide toxicity study
1235.	Zhu, Y.K., Zheng, Y.M., Wang, J., Xia, X.M., Wang, K.Y.	2013	Influences of spray method and volume on the deposition of acetamiprid and pymetrozine and their efficacy against cotton aphids in cotton fields	Acta Entomologica Sinica (2013), Vol. 56.5, pp. 530-536	N	N/A	N/A	Efficacy study
1236.	Zhuang, J.X., Fu, J.W., Su, Q.Q., Li, J.Y., Zhan, Z.X.	2009	The regional diversity of resistance to tea green leafhopper, Empoasca vitis (Göthe) to insecticides in Fujian Province	Journal of Tea Science (2009) Vol. 29(2), pp. 154-158	N	N/A	N/A	Insecticide resistance study

Appendix 6 Details of relevancy criteria for individual data categories

Toxicology

As part of the determination of relevancy, the following criteria are considered to be fundamental when considering the relevance of an open-literature study: the test species, the test material and the use of different doses and the specific endpoints of interest. Studies that are relevant to the data requirements as detailed in KCA 9-1 (study RD-02961) are studies that appropriately address these components i.e. studies which present a well-identified test material (including purity and impurity profile), a test relevant to the mammalian toxicological assessment (preferred species are rats and mice; the dog is the preferred non-rodent species), a number of animals per group sufficient to establish a statistical significance, several dose levels tested (at least 3), preferably including a negative control, to establish a dose response, relevant route of administration in terms of risk assessment (oral, dermal or inhalation) and a description of the observations, examinations and analysis or necropsy performed.

In the EFSA Guidance[6], only well-identified test material (but without including purity or impurity profile), a test which can be clearly related to mammalian toxicology and partly relevant (physiological) route of administration were considered as criteria which should be fulfilled in order to consider the study as relevant. Criteria such as purity profile, number of animals per group, dose levels tested, controls, examinations, analysis or necropsy performed are instead considered to be reliability criteria.

The criteria considered for relevancy of studies relating to individual toxicology data requirements are detailed in the table below:

Data requirement (data point)	Relevancy criteria considered
Active substance	
Studies on absorption, distribution, metabolism and excretion in mammals (KCA 5.1)	1. Well-defined test material. 2. *In vivo* tests in relevant test species. 3. *In vitro* tests. 4. PBPK modelling. 5. Specific endpoint can be clearly related to this data requirement.
Acute toxicity (KCA 5.2)	1. Well-defined test material. 2. Relevant test species. 3. Relevant route of exposure. 4. Specific endpoint can be clearly related to this data requirement.
Short-term toxicity (KCA 5.3)	1. Well-defined test material. 2. Relevant test species. 3. Relevant route of exposure. 4. Specific endpoint can be clearly related to this data requirement.
Genotoxicity (KCA 5.4)	1. Well-defined test material. 2. *In vitro* tests. 3. *In vivo* tests in relevant test species. 4. Specific endpoint can be clearly related to this data requirement.

[6] EFSA Journal 2011;9(2):2092

Data requirement (data point)	Relevancy criteria considered
Long-term toxicity and carcinogenicity (KCA 5.5)	1. Well-defined test material. 2. Relevant test species. 3. Relevant route of exposure. 4. Specific endpoint can be clearly related to this data requirement
Reproductive toxicity (KCA 5.6)	1. Well-defined test material. 2. Relevant test species. 3. Relevant route of exposure. 4. Specific endpoint can be clearly related to this data requirement.
Neurotoxicity studies (KCA 5.7)	1. Well-defined test material. 2. *In vivo* tests in relevant test species. 3. Relevant route of exposure. 4. Specific endpoint can be clearly related to this data requirement.
Other toxicological studies (KCA 5.8)	1. Well-defined test material. 2. *In vitro* tests. 3. *In vivo* tests in relevant test species. 4. Relevant route of exposure. 5. Specific endpoint can be clearly related to this data requirement.
Medical data (KCA 5.9)	1. Well-defined test material. 2. Epidemiological studies. 3. Poisonings, clinical cases. 4. Relevant route of exposure.
Plant protection products	
Acute toxicity (KCP 7.1)	1. Well-defined test material. 2. Relevant test species. 3. Relevant route of exposure. 4. Specific endpoint can be clearly related to this data requirement.
Data on exposure (KCP 7.2)	1. Well-defined test material. 2. Field studies. 3. Calculations. 4. Specific endpoint can be clearly related to this data requirement.
Dermal absorption (KCP 7.3)	1. Well-defined test material. 2. *In vitro* tests. 3. *In vivo* tests in relevant test species. 4. Specific endpoint can be clearly related to this data requirement.

Residues

The guidance on relevancy criteria detailed below is taken from AGES Interpretation[7] of EFSA's Guidance document:

- Studies dealing with any crop treated with the active substance are considered to be relevant and not just studies dealing with the representative crops only. A broader spectrum of relevant literature might therefore show useful information considering the MRL setting and MRL review program at EU level; 'real' residue data that do not reflect the representative uses might be considered separately 'for MRL setting'.

- Bibliographic databases may also contain useful information about minor uses. Such studies can be considered as relevant for inclusion into the dossier, although the chances of finding such studies in the literature databases are rather limited; residue trials performed on minor uses are usually conducted by growers' associations and those studies are usually not published in peer-reviewed journals.

- Genetically modified (GMO) crops are covered by the present search concept and the corresponding studies should be selected for further consideration.

- Monitoring studies are not considered data requirements for the review of the active substances. However, in some cases monitoring data can be the basis for MRL setting. Monitoring data could be included on a case-by-case basis, after careful consideration.

- For active substances that are used in stores and containers, cross-contamination may be an issue. This issue should be considered on a case-by-case basis.

The criteria considered for relevancy of studies relating to individual residues data requirements are detailed in the table below:

Data requirement (data point)	Relevancy criteria considered
Active substance	
Storage stability of residues (KCA 6.1)	Content of paper addresses data requirements for stability of residues of the active substance (defined test material) in representative substrates to ensure that the residue situation of a sample remains accurately quantifiable from the time of sampling to analysis.

[7] EFSA supporting publication 2013:EN-511

Data requirement (data point)	Relevancy criteria considered
Metabolism, distribution and expression of residues in plants (KCA 6.2)	Content of paper addresses data requirements for the metabolism, distribution and expression of residues of the active substance (defined test material with one or more radiolabelled forms) in plants in order to: - provide an estimate of the total terminal residues in the relevant portion of crops at harvest following treatment as proposed; - identify the major components of the total terminal residue; - indicate the distribution of residues between relevant crop parts; - quantify components of the residue and establish the efficiency of extraction procedures for these components; and - decide on the definition and expression of a residue.
Metabolism, distribution and expression of residues in livestock (KCA 6.2)	Content of paper addresses data requirements for metabolism, distribution and expression of residues of the active substance (defined test material with one or more radiolabelled forms) in livestock (poultry, ruminants, pigs, fish) in order to: - identify the major components of the total terminal residue in edible animal products; - quantify the rate of degradation and excretion of the total residue in certain animal products (milk or eggs) and excreta; - to indicate the distribution of residues between relevant edible animal products; - quantify the major components of the residues and to show the efficiency of the extraction procedures for these components; - generate data from which a decision on the need for livestock feeding studies can be made; and - decide on the definition and expression of a residue.
Magnitude of residue trials in plants (KCA 6.3)	Content of paper addresses data requirements for the presence of residues of the active substance (defined test material) on and in plants and plant products in order to determine the level of residues, and where appropriate, the decline of residues, and to assess the consequences of these residues on the health of man.
Feeding studies (KCA 6.4)	Content of paper addresses data requirements for feeding studies to determine the residue of the active substance (defined test material) in products of animal origin (ruminants, poultry, pigs, fish) which will result from residues in feedingstuffs or fodder crops in order to assess the consequences of these on human health.

Data requirement (data point)	Relevancy criteria considered
Effects of processing (KCA 6.5)	Content of paper addresses data requirements for effects of processing on: - the nature of the active substance (defined test material) in order to show whether or not breakdown or reaction products arise during processing which may require a risk assessment; - the magnitude of the active substance (defined test material) in order to determine the quantitative distribution of residues in processed commodities, to estimate processing factors and to allow a more realistic estimation of dietary intake of residues.
Residues in rotational crops (KCA 6.6)	Content of paper addresses data requirements for residues of the active substance in crops grown in rotation to a treated crop to allow the determination: - of the nature and extent and potential residue accumulation of the active substance (defined test material with one or more radiolabelled forms) in rotational crops from soil uptake; - of the magnitude of residues of the active substance (defined test material) in rotational crops under realistic field conditions in order to assess the consequences of these on human health.
Estimation of the potential and actual exposure through diet and other sources (KCA 6.9)	Content of the paper addresses data requirements for the consumer exposure assessment. This involves the possible presence of residues according to the residue definition established for risk assessment (defined test material) from other sources then plant protection product uses (biocides, veterinary drugs) and their aggregate exposure and the cumulative exposure to more than one active substance.
Effect on the residue level in pollen and bee products (KCA 6.10.1)	Content of paper addresses data requirements for residue levels of the active substance (defined test material) in pollen and bee products for human consumption resulting from residues taken up by honeybees from crops at blossom in order to assess the consequences of these on human health.

Environmental fate

As part of the determination of relevancy, the following criteria are considered to be fundamental when considering the relevance of an open-literature study:

- Generally, degradation studies are considered relevant if they are carried out with the active substance only, and not with mixtures, since this may significantly influence the degradation behaviour. For laboratory soil degradation studies, the substrate used needs to be considered; in order to realistically reflect agro-ecosystems, it is crucial that the study is conducted with soil and that the soil is not contaminated and is representative of European agricultural soils. Temperature and moisture should be considered as reliability criteria. For field studies, relevance is based on (pedo-)climatic conditions being representative for European agriculture.

- The application of the test material needs to be considered because studies are not considered relevant if the application rates are significantly outside the representative use or the active substance is applied as a by-product (e.g. as a component of organic soil amendments).

- For adsorption studies, the substrate used needs to be considered.

- Relevance criteria for the aquatic compartment are analogous to those of soil-related data requirements.

- Monitoring studies, including those for air, may be considered relevant if the areas investigated are representative for Europe. Studies which are purely analytical, i.e. they determine levels of the active substance in certain environmental compartments, are not considered as relevant

The criteria considered for relevancy of studies relating to individual environmental fate data requirements are detailed in the table below:

Data requirement (data point)	Relevancy criteria considered
Active substance	
Fate and behaviour in soil (KCA 7.1)	1. Well-defined test material applied as active substance or plant protection product (not as a by-product or ingredient of a soil amendment). 2. Substrate is a representive soil for agricultural uses with well-defined soil properties (e.g. pH, organic carbon content, microbial biomass etc). This is also relevant for field studies. 3. No previous contamination of the soil. 4. Active substance is not applied as a mixture with other active substances.
Fate and behaviour in water and sediment (KCA 7.2)	1. Well-defined test material applied as active substance or plant protection product. 2. Test samples used are samples from representative European aquatic resources with no contamination 3. Active substance is not applied as a mixture with other active substances.
Fate and behaviour in air (KCA 7.3)	1. Well-defined test material. 2. Areas investigated are relevant for Europe.

Ecotoxicology

As part of the determination of relevancy, the following criteria are considered to be fundamental when considering the relevance of an open-literature study:

- Studies should address the data requirements detailed in Commission Regulations (EU) No. 283/2013 and 284/2013.
- Studies need to be performed with defined test material which is the appropriate active substance, metabolite or plant protection product.
- The test species in laboratory studies should be relevant to the EU i.e. studies which contain test species which are not found in the EU are not considered to be relevant.
- Both the route of exposure and length of exposure of the test material should be appropriate. Studies which have exposure which is either too long or too short or via an inappropriate route are not considered to be relevant. Studies with *in vivo* or *ex vivo* exposure are considered relevant; *in vitro* tests may potentially be relevant and should be considered appropriately.
- Toxicity modelling (e.g. QSAR), literature review papers, meta-analysis papers, risk analysis papers and environmental monitoring papers are generally considered to not be relevant.
- Apart from mixture toxicity, other multi-stressor studies e.g. active substance and physico-chemical stress, are not considered to be relevant.
- Field studies should be performed to conditions which are relevant to the EU e.g. climate, crop species, test species.

The criteria considered for relevancy of studies relating to individual ecotoxicology data requirements are detailed in the table below:

Data requirement (data point)	Relevancy criteria considered
Active substance	
Effects on birds and other terrestrial vertebrates (KCA 8.1)	1. Study is appropriate to data requirements detailed in Regulations 283/2013 and 284/2013. 2. Well-defined test material applied as the appropriate active substance, metabolite or plant protection product. 3. Test species is relevant to the EU. Studies on mammals are covered by the toxicology section except for non-target vertebrate species. 4. Route and length of exposure should be appropriate.
Effects on aquatic organisms (KCA 8.2)	1. Study is appropriate to data requirements detailed in Regulations 283/2013 and 284/2013. 2. Well-defined test material applied as the appropriate active substance, metabolite or plant protection product. 3. Test species is relevant to the EU. 4. Route and length of exposure should be appropriate.

Data requirement (data point)	Relevancy criteria considered
Effect on arthropods (KCA 8.3)	1. Study is appropriate to data requirements detailed in Regulations 283/2013 and 284/2013. 2. Well-defined test material applied as the appropriate active substance, metabolite or plant protection product. 3. Test species is relevant to the EU. 4. Route and length of exposure should be appropriate.
Effects on non-target soil meso- and macrofauna (KCA 8.4)	1. Study is appropriate to data requirements detailed in Regulations 283/2013 and 284/2013. 2. Well-defined test material applied as the appropriate active substance, metabolite or plant protection product. 3. Test species is relevant to the EU. 4. Length of exposure should be appropriate.
Effects on soil nitrogen transformation (KCA 8.5)	1. Study is appropriate to data requirements detailed in Regulations 283/2013 and 284/2013. 2. Well-defined test material applied as the appropriate active substance, metabolite or plant protection product. 3. Length of exposure should be appropriate. 4. Substrate used should be appropriate.
Effects on terrestrial non-target higher plants (KCA 8.6)	1. Study is appropriate to data requirements detailed in Regulations 283/2013 and 284/2013. 2. Well-defined test material applied as the appropriate active substance, metabolite or plant protection product. 3. Test species is relevant to the EU. 4. Route and length of exposure should be appropriate.
Effects on other terrestrial organisms (flora and fauna) (KCA 8.7)	1. Study is appropriate to data requirements detailed in Regulations 283/2013 and 284/2013. 2. Well-defined test material applied as the appropriate active substance, metabolite or plant protection product. 3. Test species is relevant to the EU. 4. Route and length of exposure should be appropriate.
Effects on biological methods for sewage treatment (KCA 8.8)	1. Study is appropriate to data requirements detailed in Regulations 283/2013 and 284/2013. 2. Well-defined test material applied as the appropriate active substance, metabolite or plant protection product. 3. Route and length of exposure should be appropriate. 4. Substrate used should be appropriate.