

## VII Crops

### Explanation

Statistics on planted area and production of crop, aggregated planted (growing) area of crops, and utilization rate of cultivated land are recorded in this part.

Brief explanations for the respective statistics are as follows :

#### 1 Rice

##### (1) Planted Area and Production of Paddy Rice and Upland Rice

"Statistics on Crop" by the Statistics Department of MAFF is recorded.

##### a. Planted Area

It means the planted area in which non-perennial crops are sown or planted. And it is included the dyke area cultivated crops.

##### b. Production

It means the quantity of grown and harvested crops that met a given quality standard.

##### c. Yield per 10 ares

It means the actual yield of rice per 10 ares.

##### d. Yield Index

The index shows crop conditions. It also means a ratio of yield per 10 ares (or expected yield) to normal yield per 10 ares.

The normal yield per 10 ares means that the yield per 10 ares of the year calculated before paddy rice is planted on the basis of the trend of past production, taking into consideration the improvement in cultivation method and the recent trend in production, on the assumption that weather condition and crop damages are equal to those of normal years.

##### (2) Efforts for New Demand Rice, etc. by Use

The data from the Crop Production Bureau of MAFF is recorded.

#### 2 Wheat and Barley, Sweet Potatoes, Pulses and Miscellaneous Cereals, and Feed and Forage Crops

"Statistics on Crop" by the Statistics Department of MAFF is recorded.

Further planted area, Production and yield per 10 ares, see 1-(1).

#### 3 Vegetables, Fruits and Nuts, Industrial Crops, Flowers, Ornamental Trees and Shrubs, etc.

##### (1) Vegetables

"Statistics on Production and Shipment of Vegetables" and "Surveys on Production of Local Special Vegetables" by the Statistics Department of MAFF are recorded.

"Statistics on Production and Shipment of Vegetables" is conducted to clarify the current conditions of the vegetables planted area, production of crop and shipment volume.

"Surveys on Production of Local Special Vegetables" has been implemented biennially to make clear the transition of item, planted area, production, and shipment volume regarding variety of vegetables harvested in each prefecture, which are exempt from the survey of Vegetable Production and Shipment.

##### a. Planted Area

It means the total area utilized for the cultivation of plants, including the area for cultivation in conservatories (greenhouses, glass houses, etc.), besides those areas explained above 1-(1)-a.

##### b. Production

It means harvested volume by weight with meeting a standard to be distributed as raw or processed materials.

The volume depends on shipment form. When a vegetable is shipped with leaves and sprigs in general, these weight of leaves and sprigs are included in production volume.

##### c. The Time Reference of Annual Production of Vegetables

The time reference of annual production is in principle the calendar year (from January to December),

but for the crops listed below, the time reference of annual production by harvesting and shipping period is as follows:

Japanese Radishes	:	from April to March of the following year
Turnips	:	from last September to August this year
Carrots	:	from April to March of the following year
Edible burdocks	:	"
Lotus root	:	"
Potatoes	:	"
Taros	:	"
Yams	:	"
Chinese cabbages	:	"
Cabbages	:	"
Spinaches	:	"
Cauliflower	:	"
Broccoli	:	"
Lettuce	:	"
Welsh onions	:	"
Onions	:	"
Cucumbers	:	from last December to November this year
Eggplants	:	"
Tomatoes	:	"
Sweet peppers	:	from last November to October this year
Peas, green pod	:	from last September to August this year
Greenpease	:	"
Gingers	:	from April to March of the following year
Strawberries	:	from last October to September this year

## (2) Fruits and Nuts

"Statistics on Cultivated Land and Planted Area" and "Statistics on Production and Shipment of Fruits and Nuts" by the Statistics Department of MAFF, and "Specialty Fruit Production Trend Survey" by the Crop Production Bureau of MAFF are recorded.

"Statistics on Cultivated Land and Planted Area" is conducted to clarify the actual condition of cultivated land and crop planting, which forms the basis of agricultural production.

"Statistics on Production and Shipment of Fruits and Nuts" is conducted to clarify the current situation and the trend of fruiting area, production, and shipment volume.

"Specialty Fruit Production Trend Survey" is conducted to clarify the transition of variety of fruits harvested in each prefecture such as planted area, production, shipment volume, processed use in each item, variety and breed, which is exempt from the Statistics on Shipment of Fruits and Nuts.

### a. Growing Area

It means the area utilized for the cultivation of permanent crops (includes perennial crops), as of survey date, regardless of whether they were planted collectively or in a scattered manner.

### b. Fruiting Area

It means the fruiting area in which producer farm operators intend to harvest during the crop year.

### c. Production

See (1)-b Production.

The relationship between growing area and fruiting area is showed as growing area  $\geq$  fruiting area. However, fruiting area may not follow this relationship with growing area surveyed in the same year, if there were an orchard that was cultivated then might terminated before 15 July (survey date).

### d. The Time Reference of Annual Production

The time reference of annual production is in principle the calendar year (from January to December), however, as for pineapple, the fiscal year (from April to March of the next year) is adopted.

## (3) Industrial Crops

"Statistics on Crop" by the Statistics Department of MAFF is recorded.

Further, as to leaf tobacco, the data from the Japan Tobacco Growers Association is recorded.

### a. Planted Area

See 1-(1)-a Planted Area.

b. Harvested Area

In case of perennial crops among the main industrial crops, the harvest area is the farmland where actually reaped the crops during the crop year.

c. Growing Area

See 3-(2)-a Growing area.

d. Production

See 1-(1)-b Production.

(4) Flowers, Ornamental Trees and Shrubs, etc.

"Statistics on Production and Shipment of Flowers" and "Survey on production situation of Ornamental Trees and shrubs, etc." by the Statistics Department of MAFF are recorded.

"Statistics on Production and Shipment of Flowers" is conducted to clarify the current conditions and the trend of the planted area and shipment of flowers.

a. Planted Area

See 1-(1)-a Planted Area.

Further, it is not included that the area of cultivation in ones' garden or so on for home consumption, and the area planted in such as parks as decoration flowers.

b. Harvested Area

See 3-(3)-b Harvested Area.

Further, as for the kinds of bulbous plants and potted plants, the harvested area means the one of cultivation of the flowers which are harvested and shipped, and not included the cultivation area of growing nursery bulbs.

c. The Time Reference of Annual Production

The time reference of annual production is the calendar year (from January to December).

(5) Glass and Vinyl Houses for Horticulture

"Situation on Institution for Horticulture " by the Crop Production Bureau of MAFF is recorded.

This data is compiled the situation of Installed Glass by the prefectures.

4 Aggregate of Planted (growing) Area of Crops and Utilization Rate of Cultivated Land

"Statistics on Cultivated Land and Planted Area" by the Statistics Department of MAFF is recorded.

(1) Aggregate of Planted (Growing) Area of Crops

It means the total planted (growing) area of all plants, Planted areas of crops which are planted more than twice in the same field, such as the second rice cultivation and vegetables in the same production year, are counted separately (double counted) to make up the total.

Total planted area is the sum of the planted area for each type of crop.

(2) Utilization rate of cultivated land

It means the ratio of aggregated planted (growing) area to cultivated land.