

Organic Feed

1 Scope

This standard specifies the requirements for the Organic Feed

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this Japanese Agricultural Standard. For undated references, the latest edition of the referred document applies.

JAS 1605 Organic Products of Plant Origin

JAS 1606 Organic Processed Foods

JAS 1608 Organic Livestock Products

3 Terms and definitions

For the purpose of this Japanese Agricultural Standard, the following terms and definitions apply.

3.1

Organic feed

Those feeds that are produced in accordance with Clause 5, and the total weight of the products included in their ingredients, such as plant products (excluding organic plant products, and plant/forest products for organic feed), milk products (excluding organic milk), marine products, and processed products produced thereof, should be less than 5% of the total weight of their ingredients (excluding those specified in 5.1 f) ~ i)).

3.2

Organic Products of Plant Origin

Those plant products (limited only to the foods and beverages) produced in accordance with Clause 5 of JAS 1605.

3.3

Organic Livestock Products

Livestock or poultry raised in accordance with Clause 5 of JAS 1608, or livestock or poultry products produced thereof in accordance with Clause 5 of JAS 1608.

3.4

Organic Processed Foods

Those processed foods produced in accordance with Clause 5 of JAS 1606.

3.5

Organic Milk

Milk products included in the Organic Livestock Products

3.6

Chemical treatment

It falls into any of the following:

- a)** To change a compound into a substance with a different composition by a chemical process (excluding combustion, calcining, melting, dry distillation and saponification; the same applies hereinafter).
- b)** To add a substance obtained by a chemical process (including the cases where the final product does not contain such substance)

3.7

Recombinant DNA technology

A series of techniques of creating recombinant DNA molecules (which are two different pieces of DNA joined together) by cutting and pasting DNA together by enzymes etc. and inserting it into living cells to replicate DNA.

3.8

Feed additives

Feed additives specified in Article 2, paragraph (3) of the Act on Safety Assurance and Quality Improvement of Feeds (Act No. 35 of 1953).

3.9

Organic feed certified by the equivalency countries

Feed that has been graded in accordance with the grading system set forth in Article 12, paragraph (2) of the Act on Japanese Agricultural Standards (Act No. 175 of 1950, hereinafter referred to as “Act”), attached with a certificate* or its copy (*meaning a certificate specified in Article 12, paragraph (1) of the same Act; the same applies hereinafter) issued by the government agency or other equivalent organization designated by the Minister of Agriculture, Forestry and Fisheries, in which the following matters are stated.

- a)** Name and address of the person who issued the certificate
- b)** Date of issuance of the certificate

- c) Type and quantity of feed pertaining to the certification
- d) The name and address of the foreign organization that has conducted activities, which is equivalent to the certification activities of the production process manager pertaining to the relevant feed.
- e) A statement to the effect that the feed has been graded

3.10

Plant/Forest Products for Organic Feed

Those plant products and forest products, that are produced by the organic feed producers or processors in accordance with Clause 5 of JAS 1605, and that are not used for foods and beverages.

(Note 1) Those plant products and forest products, that are produced by the organic feed producers or processors in accordance with Clause 5 of JAS 1605, and that are not used for foods and beverages.

3.11

Limestone etc.

Limestone, shelly fossils, seashells, dolomite, phosphate rocks and diatomaceous earth

3.12

Silage

Those (fodder) feeds, that are prepared by compacting or packing the pasture grass etc. (including those being dried to reduce moisture content) in a silo or in an appropriate container to be fermented with lactic acid.

3.13

In-conversion organic products of plant origin

Plant products produced in a field that is in the conversion period specified in 5.1.2 b) of JAS 1605.

3.14

In-conversion plant/forest products for organic feed

Those agricultural and forestry products for organic feed, that are produced in a in-conversion fields specified in 5.1.2 b) of JAS 1605.

4 Principles for the Production of Organic Feed

Such organic processed foods are produced, with the intent to maintain the characteristics of the organic ingredients (such as the organic products of plant origin, organic livestock products and organic processed foods) at all the stages of manufacturing or processing, based on the principle of using a physical or biological method of processing and avoiding the use of chemically synthesized additives and chemical agents.

5 Production Methods

5.1 Ingredients

Anything other than the following a) ~ i) is not allowed for use.

- a)** Any of the following 1) ~ 4), attached with the relevant grading labels, which may be affixed to the relevant agricultural products or its packages, containers, or invoices.
(Excluding those products produced by the manufacturer or processor of the relevant feed, being graded pursuant to the provisions of Article 10 or Article 30 of the Act, or the Organic feed certified by the equivalency countries).
 - 1)** Organic products of plant origin
 - 2)** Organic processed foods (excluding those containing livestock products other than dairy products; the same applies hereinafter).
 - 3)** Organic milk
 - 4)** Organic feed (including the organic feed certified by the equivalency countries in case it's difficult to obtain organic feed)
- b)** Agricultural and forestry products for organic feed
- c)** Plant/Forest/Livestock Products, other than those specified in a) and b), (excluding the following)
 - 1)** Livestock products excluding milk
 - 2)** Those that have been irradiated
 - 3)** Those produced by using recombinant DNA technology
- d)** Marine products (excluding the following)
 - 1)** Those that have been irradiated
 - 2)** Those that have been produced by using recombinant DNA technology
- e)** Those processed products of plant/livestock/marine origin other than those specified in a) 2), (excluding the following).
 - 1)** Those containing livestock products other than dairy products
 - 2)** The same type of processed products as those organic processed foods used as ingredients
 - 3)** Those that have been irradiated
 - 4)** Those produced by using recombinant DNA technology
- f)** Salt
- g)** Water
- h)** Limestone etc. and calcium carbonate, magnesium carbonate, phosphate hydrogen calcium, phosphate calcium, and silicic acid, which are derived from limestone and are not chemically treated, and to which no chemically synthesized substances are added.
- i)** Feed additives (excluding antibiotics and those produced by using recombinant DNA technology), which are natural substances or substances derived from natural sources that have not undergone any chemical treatment. (in the cases where it is difficult to obtain such feed additives, similar feed additives (similar to the relevant feed additives) may be used only for the purpose of supplementing the nutrients and other active ingredients of feed).

5.2 The percentage of ingredients

The ratio of the total weight of those (specified in 5.1 c) ~ 5.1 e)) to the total weight of ingredients (excluding those specified in 5.1 f) ~ i)) must be 5% or less.

5.3 Management of manufacturing, processing, packaging, storing and other processes

5.3.1 Manufacturing or processing must be carried out by physical methods or methods using biological functions (excluding methods using living organisms produced by using recombinant DNA technology. The same applies hereinafter). In the cases where those feed additives specified in 5.1 i) are used, the use of them must be limited to the minimum extent necessary. However, in the case of producing silage, only those substances for preparation specified in Table A.1 may be used.

5.3.2 Those products (such as organic plant products, organic processed foods, organic milk, organic feed, and plant/forest products for organic feed), that are used as ingredients, must be managed in such a way that other plant/forest/livestock products or processed products made thereof are not comingled with them.

5.3.3 Pest control must be carried out by physical methods or methods using biological functions. However, in the cases where physical methods or methods using biological functions alone are not sufficiently effective, the chemical agents specified in Table B.1 and foods and additives (including those produced using such foods or additives as raw materials and excluding those used for the protection of the plant products against pest and disease) may only be used. In such case, cross-contamination must be prevented for all raw materials, additives, and finished products.

5.3.4 Irradiation must not be used

5.3.5 Those feeds, that have been manufactured or processed in accordance with 5.1, 5.2, and 5.3.1 ~ 5.3.4, must be managed to avoid contamination with agricultural chemicals, detergents, disinfectants or any other substances.

6 Labeling

6.1 The name of the organic feed product must be placed on the label in accordance with any of the following examples.

In the case of labeling in accordance with b) ~ c), general name of the relevant feed must be described in "xx". “有機飼料” in Japanese (which means "organic feed")

a) “有機飼料〇〇” or “〇〇(有機飼料)” in Japanese (which means "organic feed xx" or "xx (organic feed) ")

- b) “オーガニック飼料〇〇” or “〇〇(オーガニック飼料)” in Japanese (which means "organic feed xx" or "xx (organic feed)").

6.2 Regarding those produced by using “In-conversion Organic Plant Products” or “In-conversion Plant/Forest Products for Organic Feed”, or any products produced thereof as raw materials, such notation as "転換期間中"(meaning “in-conversion”) must be placed adjacent to the product name on the label.

Annex A (Normative) Substances used in the preparation etc

“Substances used in the preparation etc.” referred to in the Clause 5 are listed in Table A.1

Table A.1 Substances used in the preparation etc.

Substances used in the preparation etc. ^{a)}	Criteria
Sea salt	-
Coarse rock salt	-
Yeast	-
Enzymes	-
Whey	-
Sugar products	-
Honey	-
Lactic acid bacteria	-
Acetic acid bacteria	-
Formic bacteria	-
Propionic acid bacteria	-
Natural acids	limited to those made from lactic bacteria, acetic acid bacteria, formic bacteria or propionic acid bacteria
Note ^{a)} Limited to only those, to which any chemically synthesized substances are not added in the manufacturing process, and those for which any recombinant DNA techniques are not used in the production process.	

Annex B (Normative) Chemical agents

“Chemical agents” referred to in the Clause 5 are listed in Table B.1.

Table B.1 - Chemical agents

Chemical agents ^{a)}	Criteria
Pyrethrum extract	Limited to those containing no piperonyl butoxide as a synergist. Excluding the cases where it is applied to the plant products for the purpose of controlling pests and diseases.
Diatomaceous earth	-
Sodium silicate	Excluding cases in which it is used on plant products for the purpose of controlling pests and diseases.
Sodium bicarbonate	-
Carbon dioxide	-
Potassium soap (soft soap)	-
Ethanol	Excluding cases in which it is used on plant products for the purpose of controlling pests and diseases.
Boric acid	It must be used in a container. Excluding the cases where it is applied to the plant products for the purpose of controlling pests and diseases.
Pheromone	Limited to those chemical agents containing a substance with insect pheromone action as the active ingredient. Excluding the cases where it is applied to the plant products for the purpose of controlling pests and diseases.
Capsaicin	Limited to those used as a repellent. Excluding the cases where it is applied to the plant products for the purpose of controlling pests and diseases.
Geranium extract	Limited to those used as a repellent. Excluding the cases where it is applied to the plant products for the purpose of controlling pests and diseases.
Citronella extract	Limited to those used as a repellent. Excluding the cases where it is applied to the plant products for the purpose of controlling pests and diseases.
Note ^{a)} Chemical agents must be used in accordance with the instructions described on the packaging.	

Supplementary Provisions

(Effective Date)

(1) The provisions come into effect as of July 31, 2024.