

<b>Country</b>	<b>Korea</b>
<b>Document Assessed</b>	<b>Environment-friendly Agriculture Promotion Act Certification System for Organically Processed Foods Guideline for Operating the Organically Processed Food Certification System (Ministry for Food, Agriculture Forestry and Fisheries Notice No. 2008-120, 19 December 2008)</b>

Detailed objectives and general requirements to address them	Relevant parts of organic standards	Article number	assessment <sup>1</sup>	comment by assessor	comment by stakeholders	Final comment by assessor
<b>1. Employ long-term, ecological, systems-based organic management.</b>						
<b>1.1 General Farming Management Systems:</b>						
1.1.1 ensure the long-term management and resilience of an organic farm holding by respecting, maintaining, improving and completing ecological cycles and the quality of ecosystems and the landscape;	--	--	n	not address		N: not address
1.1.2 Attain ecological balance through the design of locally adapted farming systems;	--	--	n	not address		N: not address
1.1.3 do not rely upon switching between organic and conventional management.	--	--	n	not address		N: not address
<b>1.2 Crop Production Management Systems:</b>						
1.2.1 are based on conserving or improving soil structure, organic matter, soil fertility and biodiversity;	--	--	n	not address		N: not address

1 Letter "y" = equivalent, "n" = not equivalent, "p" = partial equivalent, and "a" = additional objective

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1.2.2 include a diverse crop rotation as an integral part of the management system of the holding. For perennial crops this includes cover crops (green manures) and/or other plant-based ground cover. For annual crops this includes minimum crop rotation practices, cover crops (green manures) or other diverse plant production with comparable achievements;	2. Organic Agricultural and Forestry Products C. Cultivation Method (2) Shall grow green manure crop, deep-rooted crop, or leguminous crop according to a suitable and long-term crop rotation plan.	Certification Criteria	y	--		Y: --
1.2.3 promote and sustains the health of crops while maintaining productivity and the integrity of the agro-ecosystem. This is accomplished through interrelated positive processes and mechanisms for the management of pests, diseases, and weeds. These include but are not limited to site and crop adapted fertility management and soil cultivation, choice of appropriate varieties, enhancement of functional biodiversity; and in case additional measures are required, restricted use of crop protectants and growth regulators.	--	--	n	not address		N: not address
1.2.4 Excluded systems: Hydroponic production.	Environment-friendly Agricultural Product Labeling 2. Agricultural products raised at a facility or a patch without soil but was supplied with the nutrients for growth externally or nutritioned with the residual substance in the natural water should have separate marking as acqiculturalured agricultural product or hydroponic agricultural product		y	separate labelling		Y: separate labelling
<b>1.3 Animal Production Management Systems:</b>						

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1.3.1 are based on the harmonious relationship between land, plants and animals;	--	--	n	not address		N: not address
1.3.2 assure the health of animals and meet their physiological needs;	3. Organic Livestock Products A. General principles (4) Livestock management should be conducted in a manner that minimize the stress of livestock through suitable breeding system that satisfy the biological needs of the livestock as well as prevent diseases and maintain good health.		y	--		P: address as general principles
1.3.3 treat animals respectfully and support their natural and social behavior and welfare;	--	--	n	not address		N: not address
1.3.4 preserve the agroecosystem and surrounding environment.	--	--	n	not address		N: not address
<b>1.4 Beekeeping Management Systems:</b>						
1.4.1 maintain bee colonies as an integral part of the ecosystem and support their natural cycles.	n.a.	--	--	--		n.a.
<b>1.5 Aquaculture Management Systems:</b>						
1.5.1 maintain well-being of the farmed species, the biodiversity of natural aquatic ecosystems, the health of the aquatic environment, and the quality of surrounding aquatic and terrestrial ecosystems.	NOT APPLICABLE					
<b>1.6 Wild Collection Management Systems:</b>						

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1.6.1 do not exceed sustainable yield of the local ecosystem, nor threaten the existence of plant, fungal or animal species, including those not directly exploited.	--	--	n	not address		N: not address
1.6.2 collect products only from within the boundaries of the clearly defined wild collection area.	--	--	n	not address		N: not address
<b>1.7 Processing Management Systems:</b>						
1.7.1 maintain organic integrity of processed products, contribute to health and well-being of humans and animals (in the case of animal feed), produce high-quality products and protect the environment.	--	--	n	not address		N: not address
<b>1.8 Transition/Conversion Requirements for Organic Production Management Systems:</b>						
1.8.1 clearly identify when organic practices begin and how long they are applied before the operation and products can be considered organic, taking into consideration the balance of the ecosystem and the skills of the operator. This may include specific conditions for simultaneous transition/conversion of land and animals and is no less than twelve months for the system.	2. Organic Agricultural and Forestry Products B. Crop field, water, seed (3) The crop field must comply to the farming method stipulated in Paragraph C for the below transition period. However, the Director general of NAQS or the Certification Body may extend or reduce the transition period with considerations to the previous farming experience of the applicant but the period must be over at least one year. (A) Perennial crop (except grass) : 3 years prior to initial harvest (B) Crops other than (A) : 2 years prior to seeding or planting		y	--		Y: --
1.8.2 for crops, establish a suitable period of organic management prior to the	see above in 1.8.1		y	--		Y: --

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organic status of a crop, during which contaminants are reduced, and healthy soils and sustainable ecosystems are being established, and which is no less than twelve months.						
1.8.3 raise animals organically from birth or hatching, or when this is not possible from early ages subject to a minimum transition/conversion requirement. Guidelines for minimum transition/conversion requirements: dairy – 90 days. eggs and poultry meat – 42 days; other meat – 12 months; aquatic animals – two thirds lifespan or 12 months, whichever is shorter; bee colonies – time needed for wax replacement with minimum twelve months.	3. Organic Livestock Products E. Conversion period (1) If a conventional farm wish to convert to organic livestock farming or place non-organic livestock into organic farm to produce or sell organic livestock product, then the relevant livestock shall be raised for the below transition period in accordance with the criteria for organic livestock product certification. - cow: milk: 90 days for lactating cow 6 months for heifer - Broiler Chicken : meat: From placement to shipment (6 weeks minimum, but, more than 3 weeks for samgyetang) - Laying Hen : egg : 5 months after placement		y	--		Y: --
<b>2. Assure long-term, biologically-based soil fertility</b>						
<b>2.1 Soil Fertility Management:</b>						
2.1.1 nourishes plants primarily through the soil ecosystem, and achieves nutrient balance.	--	--	n	not address		N: not address
2.1.2 enhances the soil-ecosystem and achieves nutrient balance primarily by incorporating manures and other biodegradable inputs, and/ or by nitrogen fixation from plants.	--	--	n	not address		N: not address
2.1.3 employs measures to recycle organic materials within the production	3. Organic Livestock Products I. Processing of livestock excrement	--	p	address livestock part,		P: address livestock manure,

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system.	(1) Animal excrements from growing livestock should be completely composted to be utilized as manure or liquid manure for grassland or farm land so to maintain the organic cycle with soil and plant.			not crop production part		not crop residues
2.1.4 uses naturally occurring mineral fertilizers only as a supplement to biologically-based fertility methods.	2. Organic Agricultural and Forestry Products C. Cultivation Method (2) Shall grow green manure crop, deep-rooted crop, or leguminous crop according to a suitable and long-term crop rotation plan. (3) Organic products inserted into the soil should be produced in accordance with the certification criteria of organic agricultural products. (4) If it is impossible to adjust the nutritious state of the soil or provide appropriate amount of nutrition to the crop through the methods of (2) and (3), substances in section 1, Paragraph A (1) in Annex 1 may be used.		y	--		Y: --
2.1 5 excludes or restricts certain practices that may be inconsistent with organic management objectives including: - use of sodium nitrate - land preparation by burning - use of human excrement on crops for human consumption	1. Organic Agricultural Products A. Agricultural and Forestry Products (1) Substances for use in soil fertilizing and crop raising Human excrements, Must be completely fermented and composted - High-temperature fermentation : fermented for over 7 days at over 50°C - Low-temperature fermentation : fermented for over 6 months - Not applied to crops intended for human consumption		p	sodium nitrate is not in the list of allowed fertilizer, but burning is not prohibited		P: sodium nitrate is not in the list of allowed fertilizer, but burning is not prohibited
	C. Self-sufficient feed base (1) In case of herbivores, the farm should have grassland or forage crop cultivation field (include forage crop cultivation on paddy-land. Hereinafter the same) stipulated by the Director general of NAQS. (2) The Director general of NAQS or Certification Body may allow the purchase and supply of bulky feed cultivated and		a	self-sufficient in livestock feed		a: self-sufficient in livestock feed

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	produced organically with considerations to the biological state of different types of livestock, uniqueness of the local climate conditions, and state of soil etc.					
<b>3. Avoid/minimize synthetic inputs at all stages of the organic product chain and exposure of people and the environment to persistent, potentially harmful chemicals.</b>						
<b>3.1 Crop Production:</b>						
3.1.1 uses only crop production inputs, including fertility substances and active substances for pest/disease/growth management, that are on the Indicative lists of substances for organic production and processing in international organic standards, or they comply with the criteria for these lists, or they are otherwise explicitly approved in these standards.	2. Organic Agricultural and Forestry Products D. Quality control of the products (2) The following measures should primarily be taken to prevent and control diseases and pests. (A) Preventive measures such as removing the habitats of diseases and pests, prevention of access to facilities (B) Use mechanical, physical or biological methods if the preventive measures are inappropriate (C) If diseases and pests are not sufficiently exterminated using the mechanical, physical or biological methods, then the substances in Annex 1, section 1, Paragraph A (2) may be used, but should not make direct contact with the organic agricultural products.		y	--		Y: --
3.1.2 Co-formulants (e.g. inerts and synergists) in formulated farm input products are not carcinogens, mutagens, teratogens or neurotoxins.	--	--	y	though not explicitly mentioned, but not in the positive list of allowed inputs		Y: though not explicitly mentioned, but not in the positive list of allowed inputs
3.1.3 Excludes any use of synthetic nitrogen fertilizers and superphosphates.	2. Organic Agricultural and Forestry Products C. Cultivation Method (1) Chemical fertilizers and organic synthetic		y	--		Y: --

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	chemicals shall not be used at all.					
<b>3.2 Animal Production</b>						
3.2.1 excludes synthetic feed rations: amino acids, nitrogen compounds (e.g. urea), growth promoters, stimulants appetizers, preservatives and coloring agents .	2. Organic Agricultural and Forestry Products F. Feed and nutrition management (6) Substances applicable to the following should not be added into the feed. (A) Synthesized chemical compound to stimulate metabolism of livestock (B) Feed from mammalian stock (except milk or dairy products) should not be added for non-ruminant livestock for whatever reason (C) Synthetic nitrogen or non-protein nitrogen (D) Antibiotics, synthesized antibiotics, growth stimulating drug and hormone drug (E) Other artificial compound substance and substance processed or changed by genetic modification		y	--		Y: --
3.2.2 vitamins, trace elements and supplements provided to animals are from natural sources unless they are not available in sufficient quantity and/ or quality.	(2) Feed Supplements for Processing Organic Assorted Feed Vitamins (include provitamin) Natural or originate from nature that do not have chemical additives. Provided, if less than 1% is used in the assorted feed and the amount of chemical substance is 10% or less in the supplementary feed then it may be used		y	--		Y: --
3.2.3 excludes from the system all prophylactic use of synthetic allopathic veterinary drugs.	3. Organic Livestock Products G. Animal welfare and disease control (6) Regular injection of animal medicine even though the animal has no disease, and use of growth stimulating drug or hormone drug to promote growth are prohibited. Provided, the use of hormone drug is possible only for treatment purpose under the supervision of veterinarian.	--	y	Prophylactic use is clearly excluded. Synthetic allopathic drug, though not explicitly mentioned, but not in the positive list of allowed inputs		Y: Prophylactic use is clearly excluded. Synthetic allopathic drug, though not explicitly mentioned, but not in the positive list of allowed inputs

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3.2.4 use of antibiotic and other allopathic veterinary drugs for animals is strictly limited to the treatment of illness and injuries under the supervision of qualified personnel, and subject to defined withdrawal periods that are not less than double that required by legislation.	A. General principles (5) If despite taking the necessary measures to prevent the disease, livestock become ill, then animal medicine may be used for treatment under the supervision and prescription of veterinary for the health and welfare of the livestock.		y	--		P: address as general principles
3.2.5 in aquaculture, all use of allopathic veterinary medication for invertebrates is excluded from the system.	n.a.	--	--	--		n.a.
<b>3.3 Processing</b>						
3.3.1 Processing methods other than biological, mechanical or physical techniques are restricted.	1. Processing Criteria C. Processing Methods 1) Mechanical, physical, biological methods may be used ...		y	--		Y: --
3.3.2 Any additives, processing aids or other substances that are used and modify organic products are on the indicative lists of international organic standards, or comply with the criteria for these lists, or are otherwise explicitly allowed in these standards.	1. Processing Criteria B. Processing Materials 6) Materials allowed for organic handling in Annex Table. 5 may be used as additives and processing aids; however, they shall be used only when necessary and their amount must be minimal.		y	--		Y: --
3.3.3 Solvents used for extraction are restricted and are on the indicative lists of international organic standards, or comply with the criteria for these lists.	--	--	y	though not explicitly mentioned, but not in the positive list of allowed inputs		Y: though not explicitly mentioned, but not in the positive list of allowed inputs
3.3.4 Disinfecting and sanitizing substances that may come in contact with organic products are restricted to water and substances on the indicative lists of international standards or comply with the	Criteria for Organic Treatment B. Washing and Sterilization 1) Organic foods shall not contain materials used to wash, sterilize and disinfect.		y	list of disinfecting substance is available		Y: list of disinfecting substance is available

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criteria for these lists.						
<b>3.4. Contamination</b>						
3.4.1 Precautionary measures are taken to avoid contamination.	2. Organic Agricultural and Forestry Products B. Crop field, water, seed (8) If source of contamination such as common pest control area exist around the crop field, then appropriate buffer zone or protection facility should be ensured.					P: only address pesticide contamination, not other pollutants
3.4.2 Where there is reasonable suspicion of contamination, an investigation is made, the source of the contamination sought and measures are taken to address the problem.	--	--	n	not address		N: not address
<b>4. Minimize pollution and degradation of the production/processing unit and surrounding environment from production/processing activities.</b>						
<b>4.1 General</b>						
4.1.1 risks of environmental pollution are identified and minimized.	--	--	n	not address		N: not address
4.1.2 organic systems employ measures to reduce, reuse, and/ or recycle residual materials.	3. Organic Livestock Products I. Processing of livestock excrement (1) Animal excrements from growing livestock should be completely composted to be utilized as manure or liquid manure for grassland or farm land so to maintain the organic cycle with soil and plant.	--	p	address livestock part, not crop production part		P: address livestock manure, not crop residues
<b>4.2 Farm Production and Beekeeping</b>						
4.2.1 Biodiversity is maintained or enhanced on the farm holding, in crop and non-crop habitats.	--	--	n	not address		N: not address

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4.2.2 Measures are employed to prevent land degradation, such as erosion and salinization.	--	--	n	not address		N: not address
4.2.3 Pollution of the environment by fertility inputs and practices is prevented.	3. Organic Livestock Products I. Processing of livestock excrement ... (2) The livestock field should be cleanly managed and maintained so the animal waste are not discharged outside. (3) Installment and management of livestock waster water treatment facility shall comply Article 24-2 and Article 28 of The Law against Treatment of Sewage, Excrements, and Waster Water Caused by Livestock. (4) Animal manure and liquid manure may be used to the degree that they do not cause surface water contamination, but should not be used during the rainy season.	--	y	--		Y: --
4.2.4 Management systems ensure that water resources are used sustainably	--	--	n	not address		N: not address
4.2.5 Measures are employed to prevent pollution, and otherwise preserve water quality.	3. Organic Livestock Products I. Processing of livestock excrement ... (2) The livestock field should be cleanly managed and maintained so the animal waste are not discharged outside. (3) Installment and management of livestock waster water treatment facility shall comply Article 24-2 and Article 28 of The Law against Treatment of Sewage, Excrements, and Waster Water Caused by Livestock. (4) Animal manure and liquid manure may be used to the degree that they do not cause surface water contamination, but should not be used during the rainy season.	--	y	--		Y: --
4.2.6 Any actions that negatively impact high conservation value areas are excluded from organic systems.	--	--	n	not address		N: not address

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4.2.7 Use of synthetic coverings and mulches is restricted.	--	--	n	not address		N: not address
4.2.8 Stocking density management in animal production ensures sustainable land and water use.	--	--	n	not address		N: not address
4.2.9 Animal production systems use breeds suited to the region and the production method.	3. Organic Livestock Products D. Selection, breeding and placement of livestock (1) Suitable species and pedigree of livestock should be selected for breeding with considerations to the following conditions of organic livestock. (A) Should be suitable to the local environment such as mountain area, open field area, or coastal area etc. (B) There should be no health issues such as breeding a certain type of livestock that are prone to get contagious disease, have stress syndrome or habitual miscarriage found in specific species or pedigree etc. (C) Should have the characteristic that the concerned species have, and should be disease resistant	--	y	--		Y: --
4.2.10 Bee races are adapted to the local environment and conditions.	n.a.	--	--	--		n.a.
<b>4.3 Aquaculture</b>						
4.3.1 Aquatic plants are managed in a manner that avoids any degradation of the production area or the surrounding ecosystem.	NOT APPLICABLE					
4.3.2 measures are taken to prevent introduced or the cultivated stocks from escaping into the ecosystem.	NOT APPLICABLE					
4.3.3 non--organic aquatic animal protein	NOT APPLICABLE					

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and oil may only be used if they derive from wild marine products harvested from verifiable sustainable sources or from by-products from fishery for human consumption						
4.3.4 The release of nutrients and waste into the aquatic ecosystem is minimized.	NOT APPLICABLE					
4.3.5 production units are designed and managed to maintain water quality.	NOT APPLICABLE					
<b>4.4 Wild Collection</b>						
4.4.1 Excludes from the system collection of any protected or endangered species.	--	--	n	not address		N: not address
<b>5. Exclude certain unproven, unnatural and harmful technologies from the system.</b>						
<b>5.1 Genetically Modified Organisms</b>						
Organic production and processing management systems:						
5.1.1 preserve the genetic integrity of varieties and traditional ecotypes;	--	--	n	not address		N: not address
5.1.2 exclude deliberate use or negligent introduction of genetically modified organisms (GMO) or their derivatives, except vaccines, in all stages of organic production and processing.	Certification Criteria 2. Organic Agricultural and Forestry Products B. Crop field, water, seed (7) Genetically modified agricultural product seeds prescribed in Article 2-7 of Agriculture Products Quality Control Act shall not be used.  3. Organic Livestock Products F. Feed and nutrition management (4) If organic feed and non-organic feed are supplied at a certain ratio, there should be no		y	--		P: negligent introduction is not addressed

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	inclusion of genetically modified product or any substance from genetically modified product. Provided, unintentional input within the extent approved by the Director general of NAQS may be allowed.					
<b>5.2 Ionizing radiation</b>						
Organic management systems:						
5.2.1 exclude use of ionizing radiation.	2. Organic Agricultural and Forestry Products D. Quality control of the products (6) Radiation is forbidden to be used for the purpose of exterminating pests, conserving food, eliminating origin of diseases or for hygiene reasons.		y	--		Y: --
<b>5.3 Breeding Techniques:</b>						
5.3.1 use only breeding techniques consistent with organic production methods are used. This includes artificial insemination. 5.2.4-5 Hormonal induction of ovulation and birth, and embryo transfer techniques and cloning are excluded from the system.	3. Organic Livestock Products D. Selection, breeding, and placement of livestock (2) Natural mating through breeding stock is recommended but artificial insemination may be allowed. (3) Breeding through transplanting fertilized egg, using propagation hormone, and genetic engineering are forbidden		y	--		Y: --
5.3.2 In aquaculture, exclude from the system any use of artificially polyploid organisms or artificially produced monosex stock and synthetic hormones to artificially stimulate reproduction.	NOT APPLICABLE					
<b>6. Avoid pollution from surrounding environment</b>						
<b>6.1 Wild collection</b>						
6.1.1 Wild collection areas are not compromised by treatment or environmental pollution.	2. Organic Agricultural and Forestry Products B. Crop field, water, seed (4) Field used for edible plants grown in		y	--		P: not address environmental pollution

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	natural state such as in the forest should be limited to the area where substances not listed in Paragraph C had not been used for 3 years.					
<b>6.2 Beekeeping</b>						
6.2.1 In beekeeping systems, hive placement minimizes the risk of contamination.	n.a.	--	--	--		n.a.
<b>6.3 Aquaculture</b>						
6.3.1 In aquaculture, the production units have an appropriate distance from contamination sources and conventional aquaculture.	NOT APPLICABLE					
<b>7. Treat animals responsibly</b>						
<b>7.1 Living conditions</b>						
7.1.1 Living conditions (including housing) provided to the animals: - afford them comfort and safety - allow them to exhibit natural behavior - give them freedom of movement - allow access, whenever weather allows, to open air, exercise areas and/ or, pasture, which include shade.	3. Organic Livestock Products B. Breeding farm and breeding conditions (2) Specific requirements for livestock house and grazing are as follows. (A) Housing conditions 1) The house should satisfy biological and behavioral needs of the animals as follows. a) Ample access to feed and drinking water b) Housing construction provides for insulation, heating, cooling, and ventilation of the building that permits air circulation, dust levels, temperature, relative air humidity, and gas concentrations to within levels that are not harmful to the livestock c) Sufficient fresh air and natural daylight provided ..... 4) The ground of the house should be soft yet not slippery, clean and dry, and provide sufficient space for rest, with dry straw		y	--		Y: --

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	spread in the resting space					
7.1.2 Confinement of calves for veal production and of any animals in cages is excluded from the system.	<p>3. Organic Livestock Products</p> <p>A. General principles</p> <p>(1) Herbivores should be able to access grass land, and other livestock should be able to freely graze in the open area as long as the climate and soil allow.</p> <p>....</p> <p>(3) If the farm structure of traditional breeding system disallows easy access to grassland, livestock may be produced by providing organic feed.</p> <p>B. Breeding farm and breeding conditions</p> <p>(B) Free-Range conditions</p> <p>1) For mammalian livestock with pasture or field, roofs should be installed partially in the pasture or field, and allow access anytime according to biological condition of livestock, climate and land conditions. Provided, exceptions may be made on the access of bull to the pasture, access of winter field by cows and mature beef cattle.</p> <p>2) The following conditions should be satisfied for poultry.</p> <p>a) Poultry should be raised under open condition, and should have easy access to open area according to climate conditions, and should not be raised inside cages.</p>		y	--		Y: --
<b>7.2 Physical Alterations</b>						
7.2.1 Physical alterations are generally excluded from the system. - In beekeeping this includes clipping the wings of queen bees. - Standards may allow specific exemptions when good management practices are insufficient to ensure the health and welfare of the animal and/ or	<p>3. Organic Livestock Products</p> <p>G. Animal welfare and disease control</p> <p>...</p> <p>(7) Act such as tail cutting, pasting adhesive tapes on tail, cutting teeth, beak trimming and horn cutting should not be performed on livestock generally. Provided, if the act is required for the health and welfare of the livestock, for the safety and purpose of producing livestock product, and the Director</p>		y	--		Y: --

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operator or when it is specifically required for meat quality. Physical alternations performed under exceptions employ measures to minimize suffering.	general of NAQS and Certification Body approves, then the act may be performed. (8) Castration may be performed to improve the quality of products and to maintain traditional production practices.					
<b>7.3 Breeds and Breeding</b>						
7.3 1 Animal production systems use breeds that reproduce successfully under natural conditions and without routine human involvement.	3. Organic Livestock Products D. Selection, breeding and placement of livestock (1) Suitable species and pedigree of livestock should be selected for breeding with considerations to the following conditions of organic livestock. ... (A) Should be suitable to the local environment such as mountain area, open field area, or coastal area etc. (B) There should be no health issues such as breeding a certain type of livestock that are prone to get contagious disease, have stress syndrome or habitual miscarriage found in specific species or pedigree etc. (C) Should have the characteristics that the concerned species have, and should be disease resistant (2) Natural mating through breeding stock is recommended but artificial insemination may be allowed.		p	natural reproduction is a recommended but not required.		P: natural reproduction is a recommended but not required.
<b>7.4 Transport and Slaughter, and Honey Harvest</b>						
7.4.1 Animal stress and suffering is avoided during the movement, handling and slaughter of animals - use of any injurious devices e.g. electric prods, and tranquilizers and stimulants is excluded from the system.	3. Organic Livestock Products H. Quality control of transportation, slaughter, manufacturing process (1) Transportation of living stock should be done in a quiet manner through a method that can minimize pain or injury, and should not use electric shock transportation, or sedatives.		y	--		Y: --

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7.4.2 Aquatic vertebrates are stunned before slaughter.	NOT APPLICABLE					
7.4.3 deliberate killing of bees during honey harvesting is excluded from the system.	n.a.	--	--	--		n.a
<b>8.1 Nutrition</b>						
8.1.1 Organic livestock systems provide animals with a diet that consists of high quality and nutritious organic feed. - Any use of non-organic feed is specified, is strictly limited to non-accessibility of organic feed and time limited.	3. Organic Livestock Products F. Feed and nutrition management (1) Livestock for the production of organic livestock product should be supplied with 100% organic feed. Provided, organic feed can be supplied according to the following standards until December 31, 2010. (A) 85% or more organic feed based on dry matter for ruminant livestock, and 80% or more for non-ruminant livestock may be supplied (B) In case of livestock with the mark of "organic livestock product (transition)," supply 45% or over organic feed based on dry matter to ruminant livestock, and 40% or over for non-ruminant livestock (if feed from non-chemical product or its by-product is supplied, supply 60% or over based on dry matter for ruminant livestock, and 55% or over for non-ruminant livestock) (2) If supply of feed according to (1) is difficult due to reasons such as serious disaster, extreme climate condition etc. during the organic livestock production process, then the Director general of NAQS or Certification Body may allow the supply of non-organic feed for a certain period at a certain ratio.		y	--		Y: --
8.1.2 Nutrition practices are consistent with the animals' natural needs - included are feed rations that meet the nutritional and dietary	3. Organic Livestock Products F. Feed and nutrition management (3) Silage should not only be supplied to ruminant livestock, and bulky feed is also recommended to be supplied to non-		p	minimum weaning period is not addressed		P: minimum weaning period is not addressed

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<p>requirements of the species e.g. access to roughage for ruminants.</p> <ul style="list-style-type: none"> <li>– Excluded are feeding slaughter products of the same species to all animals, any slaughter waste to ruminants, and all types of excrements.</li> <li>– There is a weaning period for young animals, which is based on the natural behavior of the species.</li> </ul>	<p>ruminant livestock also if possible.  .....  (6) Substances applicable to the following should not be added into the feed.  .....  (B) Feed from mammalian stock (except milk or dairy products) should not be added for non-ruminant livestock for whatever reason</p>					
<b>Beekeeping:</b>						
8.1.3 In beekeeping, supplementary feed is organic and is restricted to colony welfare.	n.a.	--	--	--		n.a.
8.1.4 Harvesting methods ensure that there are sufficient food reserves left behind for the survival of the colony during the dormancy period.	n.a.	--	--	--		n.a.
<b>Aquaculture</b>						
8.1.5 In aquaculture, Aquatic animals are fed predominantly organic feed. The use of non-organic feed is specified; it is strictly limited to non-accessibility of organic feed and time limited.	NOT APPLICABLE					
<b>8.2 Health Care</b>						
8.2.1 Health care practices follow the principle of positive health; the graduated approach of prevention, including appropriate vaccinations, then natural medicines and treatment, and finally if	<p>3. Organic Livestock Products  G. Animal welfare and disease control  (1) Disease of livestock should be prevented from taking the following measures.  (A) Appropriate selection of species and pedigree of livestock</p>		y	--		Y: --

Detailed objectives and general requirements to address them	Relevant parts of organic standards	Article number	assessment	comment by assessor	comment by stakeholders	Final comment by assessor
<p>unavoidable, treatment with allopathic drugs. Where veterinary medicinal products are administered, conversion requirements apply.</p> <p>See section 3.2 3-3.2.5 for related information</p>	<p>(B) Sanitation management of growing area to prevent occurrence and spread of disease (C) Enhancement of immunity through supplying vitamin and inorganic substances (D) Selection of species with resistance to pest or disease local to the area (2) Vaccine to prevent occurrence or spread of contagious disease and insecticide to prevent contamination of parasites may be used for livestock. (3) If there are concerns of legal epidemic occurring or urgent defense measure is required, primarily needed disease prevention measure may be taken. (4) If, despite the prevention measures take according to (1) through (3), the disease occurs, the disease may be treated according to the prescription of veterinarian. In this case, for the livestock to which the animal medicine was used, twice the period of no medicine use period of the concerned medicine need to pass before the livestock or its product is recognized as organic livestock product.</p>					
8.2.2 Medical treatment considered necessary for the welfare of an animal is never withheld in order to maintain the organic status of the animal. Animals are not allowed to suffer for lack of treatment.	--	--	--	not address		N: not address
<b>Beekeeping:</b>						
8.2.3 The health and welfare of bee colonies is primarily achieved through good management and hygienic practices.	n.a.	--	--	--		n.a.
8.2.4 When preventative health measures fail, veterinary medicinal products may be used provided that preference is first	n.a.	--	--	--		n.a.

Detailed objectives and general requirements to address them	Relevant parts of organic standards	Article number	assessment	comment by assessor	comment by stakeholders	Final comment by assessor
given to phyto-therapeutic and homeopathic treatments, and then: <ul style="list-style-type: none"> <li>– lactic, formic, oxalic, acetic acid</li> <li>– sulfur</li> <li>– natural essential oils.</li> </ul>						
8.2.5 Methods permitted for hive and honey comb disinfection are restricted to steam, direct flame , caustic soda and Bacillus thuringiensis.	n.a.	--	--	--		n.a.
<b>Aquaculture</b>						
8.2.6 Health is promoted and disease controlled through preventive, system-based methods. Objectives and requirements for livestock that are relevant to aquatic organisms are included in the management system.	NOT APPLICABLE					
8.2.7 Stocking densities do not compromise the animals' welfare.	NOT APPLICABLE					
8.2.8 Production units are designed and managed to maintain the health and natural behavior of the stock.	NOT APPLICABLE					
<b>9.1 Production</b>						
<b>Seeds and Seedlings</b>						
9.1.1 Organic practices are implemented along the entire production chain from propagation to final product including the production of seed and propagation materials wherever possible.	2. Organic Agricultural and Forestry Products B. Crop field, water, seed (6) Only the seeds produced and managed in accordance with the certification criteria for organic agricultural products (hereinafter, "organic seeds") shall be used. Provided, this shall not apply if organic seeds cannot be made available through conventional method		y	--		Y: --

Detailed objectives and general requirements to address them	Relevant parts of organic standards	Article number	assessment	comment by assessor	comment by stakeholders	Final comment by assessor
9.1.2 Seed and plant propagation material is of organic quality unless such seed and material is unavailable.	2. Organic Agricultural and Forestry Products B. Crop field, water, seed (6) Only the seeds produced and managed in accordance with the certification criteria for organic agricultural products (hereinafter, "organic seeds") shall be used. Provided, this shall not apply if organic seeds cannot be made available through conventional method		y	--		P: other plant propagation materials are not addressed
9.1.3 All substances used for treatment of all seed material are on the Indicative List of Substances for Organic Production and Processing in international organic standards or comply with the Criteria for these lists, unless treatment with other substances is legally required or unless seed not treated with these other substances is regionally unavailable. Exemptions are limited in time.	--	--	n	not address		N: not address
9.1.4 Seedlings are of organic quality.	2. Organic Agricultural and Forestry Products B. Crop field, water, seed (6) Only the seeds produced and managed in accordance with the certification criteria for organic agricultural products (hereinafter, "organic seeds") shall be used. Provided, this shall not apply if organic seeds cannot be made available through conventional method		y	--		N: not address
<b>Parallel and Split Production</b>						
9.1.5 The integrity of the organic farm unit is not compromised by the management of the non-organic operation.	--	--	n	not address		N: not address
9.1.6 The non-organic and organic parts and products of holdings with split or parallel production are completely and clearly separated, e.g. physical barriers, management practices, storage of inputs	--	--	n	not address		N: not address

Detailed objectives and general requirements to address them	Relevant parts of organic standards	Article number	assessment	comment by assessor	comment by stakeholders	Final comment by assessor
and products.						
<b>Animal Production</b>						
9.1.7 The organic integrity of animals is maintained during movement, handling and slaughter.	--	--	n	not address		N: not address
9.1.8 In aquaculture, all components of agricultural origin are organic.	NOT APPLICABLE					
<b>9.2 Processing and Handling</b>						
9.2.1 Organic products are processed separately in time and/or place from non-organic products.	1. Processing Criteria A. General Requirements ... 3) Organic food manufacturers shall not mix organic products with non-organic products and must handle organic products with care so they do not come into contact with non-organic products		y	--		Y: --
9.2.2 Measures are taken to prevent comingling of organic products with non-organic products in processing, packaging, storage and transport.	1. Processing Criteria A. General Requirements ... 3) Organic food manufacturers shall not mix organic products with non-organic products and must handle organic products with care so they do not come into contact with non-organic products		y	--		Y: --
9.2.3 Organic processed products are made from organic ingredients except for when they are not available. Use of non-organic ingredients is time-limited. - Use of the same ingredient in organic and non-organic quality is excluded from the system.	1. Processing Criteria B. Processing Materials 1) Materials, additives and aiding materials that may be used for organic processing shall be organically-produced or organically-treated. 2) When organic materials cannot be commercially-procured, non-organic materials may be used (up to 5%) in products, excluding water and salt. However,		p	no time limitation of non-organic ingredients.		P: no time limitation for non-organic ingredients.

Detailed objectives and general requirements to address them	Relevant parts of organic standards	Article number	assessment	comment by assessor	comment by stakeholders	Final comment by assessor
	regardless of the weight ration, organic materials and non-organic materials shall not be mixed if they are of the same properties.					
9.2.4 Use of any substance primarily to correct losses of properties during processing except where required by law or strongly recommended by authorities is excluded from the system	--	--	n	not address		N: not address
9.2.5 Filtration techniques used in organic processing do not chemically react with or modify the product at the molecular level.	--	--	n	not address		N: not address
9.2.6 Management systems for cleaning and disinfecting surfaces, machinery and processing facilities are in place and they prevent contamination of organic product	Criteria for Organic Treatment B. Washing and Sterilization 4) When detergent and disinfectants are used on equipments and facilities, arrangements shall be made so organic purity of organic products will not be compromised.		y	--		Y: --
9.2.7 During processing and handling organic products are protected from pests and diseases without compromising the organic integrity of the product.	Criteria for Organic Treatment A. Control of Insects and Germs ... 2) Preventative methods, mechanical, physical, biological and permitted insecticides in order shall be applied to remove insects 3) Banned materials shall not be used for equipment and facilities to managed insects and germs. Quarantine and ample prevention measures shall be implemented to protect organic foods from banned materials and methods.		y	--		Y: --
9.2.8 Pests are managed according to a hierarchy of practices starting with prevention, and then physical, mechanical, biological methods and substances on Lists international organic	Criteria for Organic Treatment A. Control of Insects and Germs ... 2) Preventative methods, mechanical, physical, biological and permitted insecticides in order shall be applied to		y	--		Y: --

Detailed objectives and general requirements to address them	Relevant parts of organic standards	Article number	assessment	comment by assessor	comment by stakeholders	Final comment by assessor
standards or that comply with the Criteria for these lists.	remove insects 3) Banned materials shall not be used for equipment and facilities to managed insects and germs. Quarantine and ample prevention measures shall be implemented to protect organic foods from banned materials and methods.					
9.2.9 Packaging and storage/transportation containers do not contaminate the organic product they contain.	Criteria for Organic Treatment C. Packaging ... 2) Packaging materials shall not contaminate organic foods.  D. Transportation of Materials and Products 1) Organic food industry manufacturers shall choose materials and transportation methods that minimize negative effects on the environment, and necessary arrangements shall be made not to compromise organic purity of organic food during the transportation process. 2) Banned materials shall not be used to wash and sterilize transportation equipment and delivery containers.		y	--		Y: --
10. Provide organic identity in the supply chain.						
10.1 Labeling						
10.1.1 Labeling clearly identifies organic products and provides relevant information for consumers to make informed, conscious choices and to avoid misleading them	Environment-friendly Agricultural Product Labeling B. Type of the product shall be inscribed in the lower part of the mark (Organic Agricultural Product, Organic Livestock Product, non-chemical Agricultural Product, non-antibiotics Livestock Product, low-chemical agricultural products). However, when a person applies for an organic transition product, the term "transition" shall be inscribed behind the name of the type of the organic agricultural product.		y	--		Y: --

Detailed objectives and general requirements to address them	Relevant parts of organic standards	Article number	assessment	comment by assessor	comment by stakeholders	Final comment by assessor
	E. According to the type of the environment-friendly agricultural product, green will be used for organic agricultural products, light blue for non-chemical agricultural product (non-antibiotics livestock product), and orange for low-chemical agricultural products.					
10.1.2 Products labeled as “organic” or “in-conversion”, or an equivalent term (e.g. biologic or ecological), comply with the applicable organic standards.	as above in 10.1.1		y	--		Y: --
10.1.3 Full disclosure of ingredients is provided, including whether or not they are organic.	--	--	n	not address		N: not address
10.1.4 Labels identify the person or company legally responsible for the product and the body that assures conformity to the applicable organic standard	Article 4. Certification Labeling Section 6. Labeling (1) Certified manufacturers shall display on certified food products: “Organic (product name)”, “name of certification authority” and “certification number”.		p	not require person or company legally responsible for the product		P: not require person or company legally responsible for the product
10.1.5 Processed products labeled as “organic” contain at least 95% organic ingredients (by weight).	1. Processing Criteria B. Processing Materials 1) Materials, additives and aiding materials that may be used for organic processing shall be organically-produced or organically-treated. 2) When organic materials cannot be commercially-procured, non-organic materials may be used (up to 5%) in products, excluding water and salt. However, regardless of the weight ration, organic materials and non-organic materials shall not be mixed if they are of the same properties.		y	implicitly require minimum of 95% organic ingredients		Y: implicitly require minimum of 95% organic ingredients
10.1.6 Labels for in-conversion products or similar terms are clearly distinguishable from labels for organic products.	Environment-friendly Agricultural Product Labeling B. Type of the product shall be inscribed in the lower part of the mark (Organic		y	--		Y: --

Detailed objectives and general requirements to address them	Relevant parts of organic standards	Article number	assessment	comment by assessor	comment by stakeholders	Final comment by assessor
	<p>Agricultural Product, Organic Livestock Product, non-chemical Agricultural Product, non-antibiotics Livestock Product, low-chemical agricultural products). However, when a person applies for an organic transition product, the term "transition" shall be inscribed behind the name of the type of the organic agricultural product.</p>					