

## Annex 2. Comparative Summary of the National/State Organic Standards Equivalent Assessment to CORROC

	Laos	Taiwan State	India	Korea	Japan	China PRC	Nepal	Malaysia	Thailand	Philippines
<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;	P: article 3 is not requirements. Article 7 focus on ecosystems and landscape but not addressing ecological cycles.	P: only address soil but not other ecosystems and landscape	P: address as principles, not requirements	N: not address	P: ecosystem and landscape are not addressed	P: ecological cycles and landscape are not addressed	N: not address	N: --	P: address as principle not as requirement	N: address in forward, not as requirement
1.1.2 Attain ecological balance through the design of locally adapted farming systems;	P: article 3 is not requirements	N: not address	N: not address	N: not address	N: not address	N: not addressing locally adapted farming system	N: not address	N:--	N: not address	N: --
1.1.3 do not rely upon switching between organic and conventional management.	Y	N: not address	Y: --	N: not address	N: not address	Y: --	N: not address	Y: --	Y: --	Y: --
Additional	A: may refuse to certify public forest.									
<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 addressing this issue	N: not address	Y: --	N: not address	y: --	Y: --	P: address as general principle and do not address	Y: --	P: biodiversity is not covered as requirements, biodiversity	P: not addressing biodiversity

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							biodiversity		conservation is mentioned as general principles.	
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;	Y	P: address as recommendation	P: address as general principles but not requirement	Y: --	N: not address	Y: --	Y: --	Y: --	Y: --	Y: quite descriptive
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.	Y	Y: --	Y: --	N: not address	N: not address	Y: --	P: address as general principle and do not address the fertility management to sustain crop health	y:--	Y: --	Y: --
1.2.4 Excluded systems: Hydroponic production.	N: not addressing this issue	N: not address	N: not address	Y: separate labelling	Y: --	N: --	N: not address	N:--	N: not address	N: --

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<b>1.3 Animal Production Management Systems:</b>										0
1.3.1 are based on the harmonious relationship between land, plants and animals;	n.a.	P: address as general principles	P: address as recommendation not requirement	N: not address	N: not address	N: --	P: address as general principle	n.a.	Y: --	N: --
1.3.2 assure the health of animals and meet their physiological needs;	n.a.	P: address as general principles	Y: animal health may not be specially mentioned but the standards effectively address it	P: address as general principles	Y: animal health is implicitly addressed	Y: --	P: address as general principle	n.a.	N: not address	Y: --
1.3.3 treat animals respectfully and support their natural and social behavior and welfare;	n.a.	P: address as general principles	P: treat animal respectfully is not address	N: not address	P: respect animal is not addressed	Y: --	Y: --	n.a.	N: not address	N: --
1.3.4 preserve the agroecosystem and surrounding environment.	n.a.	P: address as general principles	N: not address	N: not address	N: ---	Y: only address the organic livestock, but not crop production	P: address as general principle	n.a.	P: address as general principle, not as requirement	N: not address
<b>1.4 Beekeeping Management Systems:</b>										0
1.4.1 maintain bee colonies as an integral part of the ecosystem and support their natural cycles.	n.a.	n.a.	P: address as principles, not requirement	n.a.	n.a.	P: --	P: address as general principle	n.a.	N: not address	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									

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<b>1.6 Wild Collection Management Systems:</b>										
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.	Y	n.a.	Y: --	N: not address	Y: --	Y: --	N: not address	Y: --	Y: --	Y: --
1.6.2 collect products only from within the boundaries of the clearly defined wild collection area.	Y	n.a.	Y: --	N: not address	Y: --	Y: --	N: not address	Y: --	Y: --	Y: --
<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.	P: address as general principle and does not address environmental protection	p: health and well-being are not addressed	P: address as general principles but not as requirements	N: not address	P: contribution to health and well-being as well as high-quality product and protect environment are not addressed.	P: health and well-being for human and animal, high-quality products, and environmental protection are not addressed	N: not address	P: do not address producing high-quality products and protect the environment	P: contribution to health and well being as well as high-quality products and environmental protection are not addressed	P: contribution to health, produce high-quality products and protect the environment are not addressed
<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	P: not clear when conversion start	P: not address when the conversion begins	Y: --	Y: --	Y: --	Y: --	Y: --	Y: --	Y: --	Y: --

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transition/conversion of land and animals and is no less than twelve months for the system.										
1.8.2 for crops, establish a suitable period of organic management prior to the 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.	P: no minimum is set for the exception, conversion can be less than 12 months	Y: --	Y: --	Y: --	Y: --	Y: --	Y: --	Y: --	N: the conversion can be reduced to 6 months	N: No conversion period required for new or virgin land as well as compatible traditional farming systems
Additional	A: biennial crops has 12 months conversion									
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.	n.a.	Y: – (Bee keeping is not in the scope)	P: - conversion time for dairy and egg is less than the requirements. - Bee wax replacement is not regulated.	Y: --	Y: --	Y:--	N: not address	n.a.	P: minimum conversion of some meat production are 4 and 6 months, less than 12 month. Others are equivalent.	Y: --
<b>2.1 Soil Fertility Management:</b>										
2.1.1 nourishes plants	N: not	P: fertility	P: address as	N: not	P: nutrient	P: only	N: not	N: --	N: not	n: --

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primarily through the soil ecosystem, and achieves nutrient balance.	address	management does not necessary address soil ecosystem	general principles, not requirements	address	balance is not addressed	address nutrient balance, but not nourishing plants through soil ecosystems	address		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.	P: article 3 is not requirements, not so specific	Y: --	Y: --	N: not address	Y: --	Y: -	P: address as general principle	Y: --	Y: --	y: --
2.1.3 employs measures to recycle organic materials within the production system.	N: not address	Y: --	P: address as general principles, not requirements	P: address livestock manure, not crop residues	Y: --	P: not necessary from within the production system	N: not address	N: not necessary from within the production system	N: not address	n: --
2.1.4 uses naturally occurring mineral fertilizers only as a supplement to biologically-based fertility methods.	N: not address	N: allow mineral fertilizers without restriction as supplement	Y: --	Y: --	Y: --	Y: --	N: chemical fertilizers are allowed to be used in compost	Y: -	Y: mineral fertilizers are allowed as supplement	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	N: not address	Y: sodium nitrate is not in the positive list	Y: sodium nitrate is not in the positive list of permitted inputs	P: sodium nitrate is not in the list of allowed fertilizer, but burning is not prohibited	P: burning is not explicitly mentioned as prohibited. The other two inputs are not listed as allowed inputs, so effectively are not allowed.	P: human excrement are allowed on human food crops with several restrictions	Y: sodium nitrate is not in the positive list	P: not specifically address but not in the positive list. Burning is also not specifically mention but is not allowed by other regulations	P: sodium nitrate and human excrements are not in the positives lists, thus are not allowed. But burning is not prohibited.	P: human excrement can be used on crops for human consumption after it is fermented or composed

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Additional				a: self-sufficient in livestock feed						
<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.	Y: --	Y: the positive and negative lists for each practices are included in Part III, 8.	Y: --	Y: --	Y: --	Y: -	N: Allow the use of chemical pesticides if approved by CB	Y: --	Y: --	Y: --
3.1.2 Co-formulants (e.g. inert and synergists) in formulated farm input products are not carcinogens, mutagens, teratogens or neurotoxins.	Y: not in the positive list	Y: not allowed because they are not in positive list	Y: not in the positive list	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	Y: --	Y: not in the positive list	Y: not specifically prohibited but not in the positive list	Y: not in the positive lists, thus are not allowed.	Y: List of permitted material do not include any co-formulants.
3.1.3 Excludes any use of synthetic nitrogen fertilizers and superphosphates.	Y: --	Y: not allowed because they are not in positive list	Y: superphosphate is not directly mentioned, but in effect it is excluded.	Y: --	Y: though not explicitly mentioned, but not in the positive list of allowed inputs	Y: --	N: chemical fertilizers are allowed to be used in compost	P: not specifically prohibited but not in the positive list	Y: not in the positive lists, thus are not allowed.	Y: --

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<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 .	n.a.	Y: --	Y: --	Y: --	Y: though not explicitly mentioned, but also not in the positive list of allowed inputs	Y: --	N: not address	n.a.	P: not specifically prohibited synthetic amino acid, nor appetizers. Other are excluded.	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.	n.a.	Y: --	Y: --	Y: --	Y: --	Y: Only natural sourced materials are allowed	N: not address	n.a.	Y: --	Y: --
3.2.3 excludes from the system all prophylactic use of synthetic allopathic veterinary drugs.	n.a.	Y: --	Y: --	Y: Prophylactic use is clearly excluded. Synthetic allopathic drug, though not explicitly mentioned, but not in the positive list of allowed inputs	N: not address	Y: --	N: not address	n.a.	y --	Y: --
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.	n.a.	Y: --	Y: --	P: address as general principles	Y: though the issue about the supervision by qualified personnel is not explicitly addressed, but it has similar implications.	Y: --	N: not address	n.a.	Y: --	Y: --

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3.2.5 in aquaculture, all use of allopathic veterinary medication for invertebrates is excluded from the system.	n.a.			n.a.	n.a.		n.a.	n.a.	n.a.	n.a.
<b>3.3 Processing</b>										
3.3.1 Processing methods other than biological, mechanical or physical techniques are restricted.	Y: --	Y: --	Y: --	Y: --	Y: --	N: Not addressed	N: not address	Y: --	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.	Y: --	Y: --	P: Though there is Appendix 4 List of Approved Ingredients as Additives and Processing Aids Used in Processing of Organic Foods, no standards requirement to use the list	Y: --	Y: --	Y: --	N: there is no indicative list	Y: --	Y: --	– The relevant appendix was not available
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: --	N: not address	Y: --	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	Y: --	N: not address	Y: Not specific mention of solvents. None listed.	Y: --	Y: --
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 these lists.	P: only control disinfecting substances for equipments, but not organic products	Y: --	Y: assume the disinfectants allowed by certification body comply with Appendix 3 on Criteria for the Evaluation of	Y: list of disinfecting substance is available	Y: --	P: No special list of disinfecting and sanitizing substances	N: not address	P: Standard restricts use of cleaning agents for storage and transport but says nothing for processing area.	Y: --	Y: --

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			additional inputs to organic agriculture							
<b>3.4. Contamination</b>										
3.4.1 Precautionary measures are taken to avoid contamination.	Y: --	Y: --	P: address as general principles not as requirements	P: only address pesticide contamination , not other pollutants	Y: --	Y: --	N: not address	P: only address storage and transport, not in the farm or during processing.	Y: --	Y: --
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.	Y: --	n: not address	Y: --	N: not address	N: not address but was informed that it is addressed in another law	N: Not addressed	N: not address	N: not addressing producer or operators to investigate the contamination source and to address it	N: no investigation is required	Y: --
<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.	P: only address processing wastes, but not wastes from farm production	Y: --	P: only address pollution from stocking of animals	N: not address	N: not address	Y: --	N: not address	N: --	P: address as general principles	N: --
4.1.2 organic systems employ measures to reduce, reuse, and/ or recycle residual	P: only address processing	N: not address	Y: This in effect promotes the	P: address livestock manure, not	P: address only crop residues, not	Y: similar to 2.1.3	N: not address	N: --	N: not address	N: --

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materials.	wastes, but not wastes from farm production		use of on-farm materials	crop residues	animal manure					
Additional		a: - simple packaging, not excessive - give preference biodegradable, recyclable, or reusable								
<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.	Y: --	P: only address as general principle and in animal production, not in crop production	Y: --	N: not address	N: not address	Y: --	P: address as general principles for livestock and beekeeping, but not for crop productions	N: some relevant text in the introduction, but not on requirement part	P: address as general principles	Y: --
4.2.2 Measures are employed to prevent land degradation, such as erosion and salinization.	N: not address	Y: --	Y: --	N: not address	N: not address	Y: -	N: not address	N: --	P: soil salinization is not addressed	Y: --
4.2.3 Pollution of the environment by fertility inputs and practices is prevented.	N: not address	Y: --	N: not address	Y: --	Y: --	N: --	N: not address	Y: --	P: address as general principles	Y: --
4.2.4 Management systems ensure that water resources are used sustainably	N: not address	N: not address	Y: --	N: not address	N: not address	Y: --	N: not address	N: --	N: not address	Y: --
4.2.5 Measures are employed to prevent pollution, and otherwise preserve water quality.	N: not address	N: not address	P: no requirements for preservation of water quality.	Y: --	N: not address	N: --	N: not address	N: --	P: address as general principles	Y: --

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4.2.6 Any actions that negatively impact high conservation value areas are excluded from organic systems.	N: not address	N: not address	N: not address	N: not address	N: not address	N: --	N: not address	N: --	N: not address	N: not address
4.2.7 Use of synthetic coverings and mulches is restricted.	Y: --	P: not restrict only condition for disposal	Y: --	N: not address	N: not address	Y: --	N: not address	N: --	N: not address	N: Not address
4.2.8 Stocking density management in animal production ensures sustainable land and water use.	n.a.	P: sustainable water use is not addressed	Y: --	N: not address	P: stock density is set but not necessary for ensuring sustainable land and water use	P: sustainable water use is not addressed	N: not address	n.a.	Y: --	Y: --
4.2.9 Animal production systems use breeds suited to the region and the production method.	n.a.	Y: --	P: address as general principles not as requirements	Y: --	N: not address	Y: --	N: not address	n.a.	Y: --	Y: --
4.2.10 Bee races are adapted to the local environment and conditions.	n.a.	n.a.	P: address as general principles not as requirements	n.a.	n.a.	Y: --	P: address as general principles	n.a.	Y: --	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.										
4.3.2 measures are taken to prevent introduced or the cultivated stocks from escaping into the ecosystem.										
4.3.3 non--organic aquatic animal protein and oil may only be used if they derive										

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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.										
4.3.5 production units are designed and managed to maintain water quality.										
<b>4.4 Wild Collection</b>										
4.4.1 Excludes from the system collection of any protected or endangered species.	Y: --	n.a.	Y: --	N: not address	N: not address	N: --	N: not address	N: not address	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	N: not address	N: not address	N: not address but was informed that it is covered by other laws	N: --	N: not address	N: --	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.	Y: --	Y: --	P: not address the negligent introduction of GMOS	P: negligent introduction is not addressed	P: negligent introduction is not addressed	P: negligent introduction is not addressed	P: the deliberate uses are covered but not the negligent introduction	P: negligent introduction is not addressed	P: address as general principles, negligent introduction is not addressed.	P: negligent introduction is not addressed

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<b>5.2 Ionizing radiation</b>										
Organic management systems:										
5.2.1 exclude use of ionizing radiation.	Y: --	Y: --	Y: --	Y: --	Y: --	Y: --	Y: --	Y: -	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.	n.a.	Y: --	P: Hormonal induction of ovulation and birth are allowed as exceptions	Y: --	N: not address	Y: --	N: not address	n.a.	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.										
<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.	Y: --	n.a.	Y: --	P: not address environmental pollution	Y: --	Y: --	N: not address	P: environmental pollution is not addressed	P: environmental pollution of wild harvest area is not addressed	Y: --
Additional	A: wild collector must be member of the									

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	community and approved by the community as a producer or operator who has the potential to harvest the product in a sustainable manner.									
<b>6.2 Beekeeping</b>										
6.2.1 In beekeeping systems, hive placement minimizes the risk of contamination.	n.a.	n.a.	Y: --	n.a.	n.a.	Y: --	P: not address other environmental contamination and pollution	n.a.	n.a.	Y: --
<b>6.3 Aquaculture</b>										
6.3.1 In aquaculture, the production units have an appropriate distance from contamination sources and conventional aquaculture.										
<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,	n.a.	Y: --	Y: --	Y: --	Y: --	Y: --	N: not address	n.a.	P: address only access to open air and as general principles	Y: --

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exercise areas and/ or, pasture, which include shade.										
7.1.2 Confinement of calves for veal production and of any animals in cages is excluded from the system.	n.a.	Y: --	Y: --	Y: --	N: allowed calve confinement	P: Confinement of calves is not addressed	N: not address	n.a.	N: not address	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 operator or when it is specifically required for meat quality. Physical alternations performed under exceptions employ measures to minimize suffering.	n.a.	N: not address	P: The exceptions are allowed instantly not after good management are practiced.	Y: --	N: allowed physical alterations	Y: --	N: not address	n.a.	- - no details given to make the assessment	Y: --
<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.	n.a.	P: not address natural reproduction ability	P: It is a recommendati on not requirement	P: natural reproduction is a recommende d but not required.	N: not address	P: though recommend natural reproduction but artificial insemination is allowed with little restriction	N: not address	n.a.	P: address as general principles	Y: --
<b>7.4 Transport and Slaughter, and Honey Harvest</b>										

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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.	n.a.	Y: --	Y: --	Y: --	P: not addressing stress and suffering in general, only address specific prohibition	Y: --	N: not address	n.a.	-- no details given to make the assessment	Y: --
7.4.2 Aquatic vertebrates are stunned before slaughter.										
7.4.3 deliberate killing of bees during honey harvesting is excluded from the system.	n.a.	n.a.	N: not address	n.a	n.a.	Y: --	N: not address	n.a.	Y: --	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.	n.a.	Y: use of non-organic feed is not allowed	Y: --	Y: --	P: not addressing high quality and nutritious feed, only address specific exceptions	P: non-organic feeds are allow 10-15% without time limit, as long as organic feed is in short supply.	N: not address	n.a.	P: animal diet does not address high quality and nutritious feed.	P: animal diet does not address high quality and nutritious feed.
8.1.2 Nutrition practices are consistent with the animals' natural needs <ul style="list-style-type: none"> <li>- ncluded are feed rations that meet the nutritional and dietary requirements of the species e.g. access to roughage for ruminants.</li> <li>- Excluded are feeding slaughter products of the same species to all animals, any slaughter waste to ruminants, and all types of excrements.</li> </ul>	n.a.	Y: --	P: slaughter products are prohibited only for ruminants, not other animals.	P: minimum weaning period is not addressed	N: not address	Y: --	N: not address	n.a.	P: weaning period is not defined	Y: --

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– There is a weaning period for young animals, which is based on the natural behavior of the species.										
<b>Beekeeping:</b>										
8.1.3 In beekeeping, supplementary feed is organic and is restricted to colony welfare.	n.a.	n.a.	P: organic feeds are mentioned as principle but not as requirement.	n.a.	n.a.	P: Exception is allowed for conventional syrups or molasses, if organic feed is not sufficient and approved by the CB	N: not address	n.a.	P: conventional feeds are allowed if organic feeds are insufficient	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.	N: not address	n.a.	n.a.	Y: --	P: only regulate the timing of honey harvest, but not address the food reserves for bee colony	n.a.	Y: --	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.										
<b>8.2 Health Care</b>										

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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 unavoidable, treatment with allopathic drugs. Where veterinary medicinal products are administered, conversion requirements apply.  See section 3.2 3-3.2.5 for related information	n.a.	Y: --	Y: -	Y: --	Y: --	Y: --	N: not address	n.a.	Y: --	Y: --
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.	n.a.	Y: --	P: Address as general principle not as requirement	N: not address	N: not address	N: --	N: not address	n.a.	N: not address the withholding treatment to maintain organic status	Y: --
<b>Beekkeeping:</b>										
8.2.3 The health and welfare of bee colonies is primarily achieved through good management and hygienic practices.	n.a.	n.a.	Y: --	n.a.	n.a.	Y: --	N: not address	n.a.	Y: imply in 8.6.1	n.a.
8.2.4 When preventative health measures fail, veterinary medicinal products may be used provided that preference is first 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> </ul>	n.a.	n.a.	Y: As veterinary medicines are not allowed, no need to state preference.	n.a.	n.a.	Y: --	N: not address	n.a.	P: no preference given	n.a.

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- natural essential oils.										
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.	Y: --	n.a.	n.a.	Y: --	N: the standards are too generic	n.a.	Y: --	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.										
8.2.7 Stocking densities do not compromise the animals' welfare.										
8.2.8 Production units are designed and managed to maintain the health and natural behavior of the stock.										
<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.	N: not address	N: not address	N: not address	Y: --	N: not address	N: --	N: not address	Y: --	Y: --	N: not address
9.1.2 Seed and plant propagation material is of organic quality unless such seed and material is unavailable.	Y: --	Y: --	Y: --	P: other plant propagation materials are not addressed	Y: --	Y: --	P: addressing only organic seeds but not propagation materials	Y: --	Y: --	Y: --

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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	Y: --	N: not address	N: not address	Y: --	Y: --	Y: --	Y: --	N: not address	Y: --
9.1.4 Seedlings are of organic quality.	N: not address	Y: organic seedlings are required, but there is also exception	Y: seedling and plant materials are the same	N: not address	Y: --	Y: --	N: not address	Y: covered under vegetative reproductive material	Y: seedlings are part of vegetative reproductive materials	Y: --
<i>Parallel and Split Production</i>										
9.1.5 The integrity of the organic farm unit is not compromised by the management of the non-organic operation.	Y: integrity is maintained by external inspection.	P: only address in organic livestock but not organic crop production	Y: --	N: not address	N: not address	P: only address the cleaning of farming equipments used in conventional field	N: not address	Y; --	N: not address	Y: --
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 and products.	Y: --	P: only address in organic livestock but not organic crop production	Y: --	N: not address	N: not address	Y: --	N: not address	Y; --	Y: --	Y: --
<i>Animal Production</i>										

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9.1.7 The organic integrity of animals is maintained during movement, handling and slaughter.	n.a.	P: only address livestock products but not livestock themselves	Y: --	N: not address	Y: --	Y: --	N: not address	n.a.	N: not address	Y: --
9.1.8 In aquaculture, all components of agricultural origin are organic.										
<b>9.2 Processing and Handling</b>										
9.2.1 Organic products are processed separately in time and/or place from non-organic products.	Y: --	Y: --	Y: Though address as recommendation but other standard requirement address this.	Y: --	not address	N: --	N: not address	Y: --	N: not address	Y: --
9.2.2 Measures are taken to prevent co-mingling of organic products with non-organic products in processing, packaging, storage and transport.	N: not address	Y: --	Y: --	Y: --	Y: --	Y: --	P: co-mingling during processing and packing are not addressed	Y: --	Y: --	P: not address co-mingling during processing
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.	Y: though there is no time-limited for exception, but exceptions must be approved by the CB.	P: allow the use of non-organic ingredients without time-limitation	Y: --	P: no time limitation for non-organic ingredients.	Y: non-organic ingredients are not allowed	Y: --	P: not address using same ingredient as organic and non-organic	Y: --	Y: --	Y: --
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	Y: it is prohibited without any exception.	Y: --	Y: --	N: not address	N: not address	Y: --	Y: the additive refer to Codex lists	N: not specifically address	N: substances can be used if deem necessary by processor and the use is	Y: --

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the system									subjected to relevant laws	
9.2.5 Filtration techniques used in organic processing do not chemically react with or modify the product at the molecular level.	Y: the negatively affection is equivalent.	Y: --	Y: --	N: not address	N: not address	N: --	N: not address	N: not specifically address	N: not address	Y: --
9.2.6 Management systems for cleaning and disinfecting surfaces, machinery and processing facilities are in place and they prevent contamination of organic product	Y: --	Y: --	Y: --	Y: --	Y: --	P: address sanitary but not how to prevent contamination with organic products	Y: --	P: not specifically address cleaning and disinfection	N: not address	Y: --
9.2.7 During processing and handling organic products are protected from pests and diseases without compromising the organic integrity of the product.	P: not addressing the products directly	Y: --	N: not address	Y: --	Y: --	N: --	Y: CB is responsible to approve pest control materials	P: not specifically address	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 standards or that comply with the Criteria for these lists.	N: not address	Y: --	Y: --	Y: --	Y: --	Y: --	N: not address	Y: --	Y: --	P: does not outline hierarchy of measures.
9.2.9 Packaging and storage/transportation containers do not contaminate the organic product they contain.	Y: --	Y: --	Y: --	Y: --	Y: this may be generic but applicable to packaging, storage, transportation as well.	Y: --	N: not address	P: address storage and transportation containers, but not packaging	Y: --	Y: --
Additional	A: prohibited to use Styrofoam for									

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	packaging organic products									
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	Y: --	Y: --	Y: --	Y: --	Y: --	Y: --	N: not address	Y: --	Y: --	Y: --
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.	Y: --	Y: --	Y: --	Y: --	Y: not address, but may imply by the standards	Y: --	N: not address	Y: --	Y: --	Y: --
10.1.3 Full disclosure of ingredients is provided, including whether or not they are organic.	y: --	P: Full disclosure is required but indication whether they are organic is not required (optional)	Y: --	N: not address	P: full disclosure is not addressed. is informed that it is covered by other regulations	N: --	P: not require to mention which ingredients are organic and which are not	Y: --	P: require ingredient list but not necessary nor full disclosure nor indication whether they are organic or not	Y: --
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	y: --	Y: --	Y: --	P: not require person or company legally responsible for the product	N: not specifically addressed. But is informed that it is covered by other regulations	N: Not address but is informed that other law require this	P: label does not include name of CB	Y: --	Y: --	P: operator name is not include but likely to be required by other law.
10.1.5 Processed products labeled as "organic" contain at least 95% organic ingredients	Y:--	Y: --	Y: --	Y: implicitly require minimum of	Y: --	Y: --	Y: --	y: --	Y: --	Y: --

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(by weight).				95% organic ingredients						
10.1.6 Labels for in-conversion products or similar terms are clearly distinguishable from labels for organic products.	Y: --	Y: not allow in-conversion label	Y: --	Y: --	Y: --	Y: --	N: not address	Y: --	Y: --	Y: --