	Certification System Operator Information Sheet	CODE IS_ EU PLANT REQUIREMENTS
	EU PLANT AND PLANT PRODUCTS INTERNATIONAL OPERATOR ADDITIONAL REQUIREMENTS	Version 2 Effective: 18/07/17

**NCO Additional Requirement for International Operators
Certified to the EU Plant and Plant Products Program**

SCOPE

- A. These Additional Requirements are applicable for all NCO International applicants and operators that have applied for or are certified under the International EU Plant and Plant Product Program
- B. The requirements outlined below must be read in conjunction with the NASAA Organic and Biodynamic Standard (NOS). **These requirements are additional to the NOS.**
- C. Plant product may only be exported to the EU if it was certified under this program and is accompanied by a NCO-EU Certificate of Inspection.

BACKGROUND

The European Union regulates organic food production and marketing applicable to imports. To be eligible for a *Certificate of Inspection For Import of Products From Organic Production* into the EU under NCO's EU Program, specific additional requirements of the EU regulations that are not covered by the NASAA Organic and Biodynamic Standard must be documented, implemented, inspected and approved by NCO.


ADDITIONAL REQUIREMENTS

1. Seed


- 1.1 **Non organic seed** is prohibited for grain production (organic seed must be used).
- 1.2 For the production of products other than for seed & vegetative propagating material, only organically produced seed & propagating material shall be used. To this end, the mother plant in the case of seeds, and the parent material in the case of vegetative propagating material, shall have been produced under certification for at least one generation, or for perennial crops for 2 generations.
- 1.3 Only where organic seed & propagative material is not available in organic form (a Derogation must be applied for and approved prior to use) non-organic seed & seed potatoes may be used provided they are not treated with plant protection products.

2. Parallel and Conversion Products


- 2.1 The **conversion label** applied to crop products may only be used where the product contains only one crop ingredient of agricultural origin.
- 2.2 For operations under organic production and partly in conversion (**Split Production**) the operator shall keep organically produced and in-conversion products separate and keep adequate records to show separation.
- 2.3 Parallel production of **perennial crops** is only permitted during the conversion program.
- Separation measures must be clear and documented.
 - Additional inspection at harvest may be required.
 - Operators must notify NCO at least 48 hours in advance of harvest; and after harvest, of the quantity harvested immediately on completion along with separation measures adopted.
- 2.4 Parallel production of the same species of **annual crops** or seed and propagation material is prohibited.

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3.	Fertilisers & Soil Conditioners
3.1	The basis is the NASAA Organic and Biodynamic Standard (NOS) for permitted fertilisers and soil conditioners. Annex A lists the additional requirements above those stated in the NASAA Organic Standard for the listed inputs.
3.2	Operators must keep documented evidence of the need to use input products for nutritional needs of plants.
3.3	<p>Surplus manure from certified operations may be able to be used on another certified operation, provided there is an agreement in place to cover:</p> <ul style="list-style-type: none"> a. the protection of waters against pollution caused by nitrates from agricultural sources b. application on the holding may not exceed 170 kg of nitrogen per year/hectare of agricultural area used <p><i>Also note, as per the NASAA Organic Standard, all animal manure slurry or shed manures should be composted in preference to direct application.</i></p>
4.	Plant Pest and Disease Control
4.1	The basis is the NASAA Organic and Biodynamic Standard (NOS) for permitted Plant Pest and Disease Control inputs. Annex B lists the additional requirements above those stated in the NASAA Organic Standard for the listed inputs.
4.2	Use of Mineral Oils for pest and disease control is prohibited.
5.	Excluded Practices
5.1	Ethylene gas is not permitted for ripening.
5.2	Prohibited materials (materials not authorized under the NASAA Organic Standard or these Additional Requirements) cannot be stored anywhere on the certified land or facilities.
6.	Wild Collection of Plants
6.1	<p>Collection of wild plant products growing naturally in natural areas, forests, and agricultural areas may be considered organic provided:</p> <ul style="list-style-type: none"> a. No prohibited substances or inputs are used for a period of at least three years prior to their harvest b. their collection does not affect the stability of the natural habitat or the maintenance of the species in the collection area.
6.2	Operators must get a statutory declaration or affidavit (from third parties if applicable) to demonstrate the above requirements are complied with.
6.3	Operator may be requested to submit the results of their Quality Assurance Program.
7.	Mushrooms
7.1	Manures and animal excrements in mushroom substrates must be from organic production systems.
7.2	If organic manures and animal excrements are not available, a maximum of 25% weight of total components excluding water and covering material may be derived from other sources of vermicompost, composted vegetable matter and other plant products, sawdust, composted bark which have not been chemically treated.
7.3	Any permitted fertilisers and/or conditioners used in substrates for mushroom production must comply with all input restrictions associated with those fertilisers/conditioners.
8.	Organic Yeast Production
8.1	For the production of organic yeast only organically produced substrates shall be used.
8.2	Other products and substances may only be used in so far as they have been authorized by NCO for use in organic production and they comply with the EU regulations.


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8.3	Permitted processing aids for the production of yeast and yeast products are listed in Annex C.
9.	Processed Products
9.1	Food produced from in-conversion crops shall contain only one crop ingredient of agricultural origin. (See 2.1 above)
9.2	Annex D and E list the Food Additives and Processing aids that are additional to, or have additional conditions to, the NASAA Organic and Biodynamic Standard.
9.3	Organic yeast shall not be present in organic food or feed together with non-organic yeast.
10.	Use of Inputs
10.1	Use of permitted inputs are used only as necessary for sustained production and/or the input is essential for its intended use.
11.	Transport of Product
11.1	Organic product must be in appropriate packaging, containers or vehicles closed in such a manner that substitution of the contents cannot be done without manipulation or damage to the seal.
11.2	<p>Product must be labelled with:</p> <ul style="list-style-type: none"> a. name & address of operator or owner of the product; b. product name (and description if a compound feedstuff); c. NCO Name in full or NCO code number (as printed on the operator's certificate); d. organic status; e. lot/batch ID. <p>This information may be presented on an accompanying document if it can undeniably be linked with the transported product. This document must also state the supplier &/or transporter.</p>
11.3	Supplier status must be verifiable with documentary evidence and must be EU compliant.

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ANNEX A: Fertilisers & Soil Conditioners		
<i>The following requirements are above those stated in the NASAA Organic Standard for the listed inputs</i>		
Name	Description	Restriction
Animal manures (fresh and dried) & liquid excrements	Animal manure and excrement must be composted. Liquid excrements must be diluted or control fermented	Manure & excrements from factory farming prohibited
Animal by-products	Blood, bone, hoof, horn, fish, meat, feather/hair meals; wool; fur; hair; dairy products	Maximum chromium (VI) concentration: 0 mg/kg of dry matter
Composted or fermented household waste		Maximum heavy metal residues concentration not to exceed cadmium 0.7; copper 70; nickel 25; lead 45; zinc 200; mercury 0.4; chromium (total) 70; chromium (VI) 0 mg/kg of dry matter

ANNEX B: Plant Pest and Disease Control	
<i>The following requirements are above those stated in the NASAA Organic Standard for the listed inputs</i>	
Name	Description, compositional requirement, conditions for use
Basic substances	Only those basic substances within the meaning of Article 23(1) of Regulation (EC) No 1107/2009 that are covered by the definition of "foodstuff" in Article 2 of Regulation (EC) No 178/2002 and have plant or animal origin. Substances not to be used as herbicides, but only for the control of pests and diseases.
Beeswax	Only as pruning agent/wound protectant
Hydrolysed proteins excluding gelatine	
Laminarin	Kelp shall be either grown organically or harvested in a sustainable way
Plant oils from citronella, clove, spearmint and rapeseed	All uses authorised, except herbicide
Pyrethroids (only deltamethrin or lambda-cyhalothrin)	Only in traps with specific attractants; only against <i>Bactrocera oleae</i> and <i>Ceratitis capitata</i> Wied.
Quassia extracted from <i>Quassia amara</i>	Only as insecticide, repellent

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Repellents by smell of animal or plant origin/ sheep fat	Only on non-edible parts of the crop and where crop material is not ingested by sheep or goats.
Micro-organisms	Only if permitted under Regulation (EU) No 540/2011 Not from GMO origin.
Spinosad	
Calcium hydroxide	When used as fungicide, only in fruit trees, including nurseries, to control <i>Nectria galligena</i> .
Carbon dioxide	
Copper compounds in the form of: copper hydroxide, copper oxychloride, copper oxide, Bordeaux mixture, and tribasic copper sulphate	Up to 6 kg copper per ha per year. For perennial crops, by way of derogation from the first paragraph, the 6 kg copper limit can be exceeded in a given year provided that the average quantity actually used over a 5-year period consisting of that year and of the 4 preceding years does not exceed 6 kg.
Ethylene Fatty acids	All uses authorised, except herbicide
Ferric phosphate (iron (III) orthophosphate)	Preparations to be surface-spread between cultivated plants
Paraffin Oil	Only those forms listed under Regulation (EU) No 540/2011

ANNEX C: Processing aids for Yeast Production			
Name	Primary yeast	Yeast confections/ formulations	Specific conditions
Calcium chloride	X		
Carbon dioxide	X	X	
Citric acid	X		For the regulation of the pH in yeast production
Lactic acid	X		For the regulation of the pH in yeast production
Nitrogen	X	X	
Oxygen	X	X	
Potato starch	X	X	For filtering
Sodium carbonate	X	X	For the regulation of the pH
Vegetable oils	X	X	Greasing, releasing or anti-foaming agent

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ANNEX D: Food Additives				
<i>The following Food Additives are additional to, or have additional conditions to the NASAA Organic and Biodynamic Standard.</i>				
Code	Name	Preparation Foodstuff		Specific Conditions
		Plant origin	Animal origin	
E 306	Tocopherol-rich extract	X	X	Anti-oxidant
E 322	Lecithins	X	X	Milk products. Only when derived from organic raw material
E 418	Gellan gum	X	X	High-acyl form only
E 422	Glycerol	X		From plant origin. For plant extracts and flavourings
E 551	Silicon dioxide gel or colloidal solution	X	X	For herbs and spices in dried powdered form Flavourings and propolis
E 901	Beeswax	X		As a glazing agent for confectionary only. Beeswax from organic beekeeping
E 903	Carnauba wax	X		As a glazing agent for confectionary only. Only when derived from organic raw material
E 968	Erythritol	X	X	Only when derived from organic production without using ion exchange technology

APPENDIX E: Processing Aids			
<i>The following Processing Aids are additional to, or have additional conditions to the NASAA Organic and Biodynamic Standard.</i>			
Name	Preparation Foodstuff		Specific Conditions
	Plant origin	Animal origin	
Vegetable oils	X	X	Greasing, releasing or anti-foaming agent. Only when derived from organic production
Kaolin			Not permitted
Acetic acid/vinegar		X	Only when derived from organic production. For fish processing, only from biotechnological source, except if produced by or from GMO
Wood fibre	X	X	The source of timber should be restricted to certified, sustainably harvested wood. Wood used must not contain toxic components (post-harvest treatment, naturally occurring toxins or toxins from micro-organisms)
Potato starch	X	X	For filtering Only when derived from organic production