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Center for Smart Agriculture

Organic Certification and Inspection Systems



*National Programme for
Organic Production*

Module 5: National Standards for Organic Production

Session 2 : Crop production



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CROP PRODUCTION

Choice of Crops and Varieties

- The certification programme shall set time limits for the requirement of certified organic seed and other plant material.

- When certified organic seed and plant materials are not available, chemically untreated conventional materials shall be used.

- The use of genetically engineered seeds, pollen, transgene plants or plant material is not allowed.



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Crop Production under Organic Farming, Source: Google Image



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Duration of Conversion Period

Plant products produced can be certified organic when the national standards requirements have been met during a conversion period of at least two years before sowing

The conversion period can be extended by the certification programme depending land and environmental conditions.

The certification programme may allow plant products to be sold as "produce of organic agriculture in process of conversion"

Diversity in Crop Production



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Fertilizer Policy

Biodegradable material of microbial, plant or animal origin shall form the basis of the fertilization programme.

The certification programme shall set limitations to the total amount of biodegradable material of microbial, plant or animal origin brought onto the farm unit,

The certification programme shall set standards which prevent animal runs from becoming over-manure where there is a risk of pollution.



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- Brought-in material (including potting compost) shall be in accordance with Appendix I.
- Manures containing human excreta (faeces and urine) shall not be used.
- Mineral fertilisers shall only be used in a supplementary role to carbon based materials.
- Mineral fertilisers shall be applied in their natural composition and shall not be rendered more soluble by chemical treatment.



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Chilean nitrate and all synthetic nitrogenous fertilizers, including urea, are prohibited.

The certification programme shall lay down restrictions for the use of inputs such as mineral potassium, magnesium fertilizers, trace elements, manures and fertilizers with a relatively high heavy metal content.



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THANK YOU