Quality: Careful processing and quality of processed organic foods

Poland

Michał Rzytki
Organic Farming Division
Ministry of Agriculture and Rural Development
Frankfurt, 26-27 November 2012
ORGANIC FARMING

1. Control system – to be sure

2. Regulation – to know what we may use

3. Researches – to know how to use it
ORGANIC FARMING

1. Control system – to be sure
2. Regulation – to know what we may use
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EUROPEAN COURT OF AUDITORS

Special Report No 9

2012

Audit of the control system governing the production, processing, distribution and imports of organic products
## FVO organic farming audits

### Member States and Third Countries

**OF audits 2012**

- **Portugal**: 29 May - 6 June
- **Poland**: 10 – 21 September
- **India**: 15-25 October

### Task Schedule

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### Audits to

- Portugal: FVO (F4) and other FVO units
- Poland: FVO (F4) and other FVO units
- India: FVO (F4)

**BTSF - National exports**

- FVO, AGRI
ORGANIC FARMING

1. Control system – to be sure
2. Regulation – to know what we may use
3. Researches – to know how to use it
Expert Group for Technical Advice on Organic Production

EGTOP

Report

On

Organic Food

The EGTOP adopted this technical advice at the 5th plenary meeting of June 20-21, 2012
1. CARNAUBA WAX
2. BEESWAX
3. THIAMIN HYDROCHLORIDE PROCESSING AID (FRUIT WINES AND MEADS) AND DIAMMONIUM HYDROGEN PHOSPHATE PROCESSING AID (FRUIT, WINES AND MEADS)
4. STEVIOL GLYCOSIDES (E 960)
5. SODIUM CARBONATE
6. WOOD FIBRES AS FILTER AID
7. ION EXCHANGE AND ADSORBENT RESINS USED FOR PRODUCTION OF A CAROB-BASED SWEETENER

Article 28 of 889/2008

Use of certain non-organic ingredients of agricultural origin in processing food

For the purpose of Article 19(2)(c) of Regulation (EC) No 834/2007, non-organic agricultural ingredients listed in Annex IX to this Regulation can be used in the processing of organic food.
ANNEX LV

Ingredients of agricultural origin which have not been produced organically referred to in Article 28

1. UNPROCESSED VEGETABLE PRODUCTS AS WELL AS PRODUCTS DERIVED THEREFROM BY PROCESSES

1.1. Edible fruits, nuts and seeds:
- acaics
- cola nuts
- gooseberries
- maracujas (passion fruit)
- raspberries (dried)
- red currants (dried)
- Quercus spp.
- Cola acuminata
- Ribes uva-crispa
- Passiflora edulis
- Rubus idaeus
- Ribes rubrum

1.2. Edible spices and herbs:
- pepper (Peruvian)
- horseradish seeds
- lesser galangal
- safflower flowers
- watercress herb
- Schinus molle L.
- Armoracia rusticana
- Alpinia officinarum
- Carthamus tinctorius
- Nasturtium officinale

1.3. Miscellaneous:
- Algae, including seaweed, permitted in non-organic foodstuffs preparation

2. VEGETABLE PRODUCTS

2.1. Fats and oils whether or not refined, but not chemically modified, derived from plants other than:
- cocoa
- coconut
- olive
- sunflower
- palm
- rape
- safflower
- sesame
- soya
- Theobroma cacao
- Cocos nucifera
- Olea europaea
- Helianthus annuus
- Elaeis guineensis
- Brassica napus, rape
- Carthamus tinctorius
- Sesamum indicum
- Glycine max

2.2. The following sugars, starches and other products from cereals and tubers:
- fructose
- rice paper
- unleavened bread paper
- starch from rice and waxy maize, not chemically modified

2.3. Miscellaneous:
- pea protein Pisum spp.
- rum, only obtained from cane sugar juice
- kirsch prepared on the basis of fruits and flavourings as referred to in Article 27(1)(c).

3. ANIMAL PRODUCTS

- aquatic organisms, not originating from aquaculture, and permitted in no-organic foodstuffs preparation
- gelatin
- whey powder ‘herasuola’
- casings
ANNEX IX  Ingredients of agricultural origin which have not been produced organically referred to in Article 28

1. UNPROCESSED VEGETABLE PRODUCTS AS WELL AS PRODUCTS DERIVED THEREFROM BY PROCESSES

1.1. Edible fruits, nuts and seeds:
acorns, cola nuts, gooseberries, maracujas (passion fruit), raspberries (dried), red currants (dried) *Ribes rubrum*

1.2. Edible spices and herbs:
pepper (Peruvian), horseradish seeds, lesser galanga, safflower flowers, watercress herb

1.3. Miscellaneous:
Algae, including seaweed, permitted in non-organic foodstuffs preparation
ANNEX IX Ingredients of agricultural origin which have not been produced organically referred to in Article 28

2. VEGETABLE PRODUCTS

2.1. Fats and oils whether or not refined, but not chemically modified, derived from plants other than:
   - cocoa
   - coconut
   - olive
   - sunflower
   - palm
   - rape
   - safflower
   - sesame
   - soya

2.2. The following sugars, starches and other products from cereals and tubers:
   - fructos
   - rice paper
   - unleavened bread paper
   - starch from rice and waxy maize, not chemically modified

2.3. Miscellaneous:
   - pea protein
   - rum, only obtained from cane sugar juice
   - kirsch prepared on the basis of fruits and flavourings as referred to in Article 27(1)(c).

3. ANIMAL PRODUCTS

   aquatic organisms, not originating from aquaculture, and permitted in no-organic foodstuffs preparation:

   - gelatin
   - whey powder ‘herasuola’
   - casings
ORGANIC FARMING

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Researches in Organic in Poland

Research in organic farming are financed from national resources

- 2004 – 12 research subjects
- 2005 – 13 research subjects
- 2006 – 14 research subjects
- 2007 – 21 research subjects
- 2008 – 28 research subjects
- 2009 - 30 research subjects
- 2010 - 28 research subjects
- 2011 - 27 research subjects
- 2012 - 23 research subjects

near 6 mln zł ± 1,5 mln EURO
1. Institute of Technology and Life Sciences in Falenty
2. Institute Organization and Management in Industry
3. Warsaw University of Life Sciences
4. University of Life Science in Lublin
5. Plant Breeding and Acclimatization Institute - National Research Institute in Radzikowie
6. University of Warmia and Mazury in Olsztyn
7. Research Institute of Vegetable Crops in Skierniewice
8. Institute of Natural Fibres and Medicinal Plants in Poznań
9. Research Institute of Pomology and Floriculture in Skierniewice
10. University of Life Science in Wrocław
11. Institute of Plant Protection in Poznań
12. The National Research Institute of Animal Production in Kraków
13. Institute of Soil Science and Plant Cultivation - State Research Institute in Puławy
14. Agricultural University in Kraków
15. Warsaw University of Life Sciences
16. University of Life Sciences in Lublin
17. Institute of Genetics and Animal Breeding PAP
Research Institute of Vegetable Crops

„The impact of storage condition on quality of fresh and processed vegetables from the organic production”

University of Life Science in Lublin

„Processing of animal products - resignation from nitrates in the production of organic meat products”

University of Life Science in Lublin

„Production of organic meat products based on meat from boars (no castrated surgically male pigs) - Feed based on the natural feed plant with or without fish meal, supplemented mineral – vitamin mixtures with herbs.”
Institute of Technology and Life Science
„Comparison of farming and environmental conditions in organic and conventional productions of carps.”

Warsaw University of Life Science
„Estimation of the nutritional and antitumor value of vegetable juices from organic production.”

Institute of Natural Fibres and Medicinal Plants
„The introduction of herbal plants in organic production.”
### RADOM II/III 2013

**CONFERENCE ABOUT RESULTS OF RESEARCHES**

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The image contains graphs and images related to the mass of eggs and proteins.
1. Improving organic products quality, production technology with organic methods and searching for new production measures that may be used in organic farming (plant protection products, fertilizers).

2. Scientific and research cooperation with appropriate research institutions from other countries.

3. Targeting research in order to adapt to changes in regulations on organic farming (nitrates and nitrites, copper replacement).
Thank you for your attention

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POLAND