

Inspection and certification of organic horticultural production (Master Science, Organic Horticulture; 2-nd academic year, 1-st semester)

Credit value (ECTS): 12
Course category: mandatory

Course holder:
Prof. Vasile Stoleru. PhD

Discipline objectives (course and practical works):

The objective of the discipline is to provide training for students from the "Organic horticulture" master course on the European and Romanian legislative notions for obtaining and certifying organic horticultural production. Acquiring the specific knowledge regarding the application of the legislation on farms when carrying out the agricultural production certification inspections.

Contents (syllabus)

Course (chapters/subchapters)
Introduction: EU and national standard on organic production; Organization of the inspection and certification system
Specific rules on organic management Rules on the inspection, certification and labelling of organic agro-food
The standard on organic production: The principles of organic agricultural production; the management for fertilizers, crop rotation; control of diseases, pests and weeds
Standards for processing, packaging and distribution of organic production
Products and ingredients allowed in organic farming
Rules regarding the import and export of organic agricultural products
Rules regarding the management of organic agricultural products: Registration of operators; Conditions for accreditation of inspection and certification bodies; inspection and certification of organic products; decision of certification commission
Practical works
Inputs allowed in organic farming
The documents used in the ecological management system of organic agricultural production
Changes to the standards for organic products (vegetables, fruits, grapes, wine and mushrooms)
Calculation of the maximum limit allowed by N s.a. in organic farming
Calculation of the maximum dose of metallic Cu allowed in organic farming
Calculation of the maximum load of UVM in mixed farms
Appropriate drawing up of the rotation plan and the gradual conversion plan
Calculation of the minimum percentage of legumes from organic farming
Elaboration of adequate documentation regarding the derogation of the approval of the procurement of seeds and conventional planting material

Bibliography

- Lampkin N., 1999 – The Principles of Organic Farming, Farming Press, Miller Freeman , UK Ltd.
- Lorincz Pirooska, 2007 – Ghid legislative pentru agricultur ecologic . Editura Risoprint. Cluj-Napoca.
- Stoleru V., Gr dinariu G., Munteanu N., Jit reanu G., Istrate M., Rotaru Liliana, Vrabie I., Senic I., 2009 – Ghid de bune practici în produc ia agricol ecologic . Editura STEF, Ia i.
- Stoleru V., Aldescu Teodora, Gr dinariu G., Jit reanu G., Munteanu N., Istrate M., Vrabie I., 2009 – Ghid legislativ de agricultur ecologic în Uniunea European , Editura Conphys Râmnicu V lcea, ISBN 978-973-750-171-4.
- Stoleru Vasile., Munteanu Neculai, Sellitto Vincenzo Michelle, 2014-New approach of organic vegetable systems. Editura Aracnee, ISBN 978-88-548-7847-1

***Regulamentul (CE) NR. 834/2007 al consiliului din 28 iunie 2007 privind productia ecologica si etichetarea produselor ecologice, precum si de abrogare a Regulamentului (CEE) nr. 2092/91;

*** REGULAMENT (CE) NR. 889/2008 AL COMISIEI din 5 septembrie 2008 de stabilire a normelor de aplicare a Regulamentului (CE) nr. 834/2007 al Consiliului privind productia ecologica si etichetarea produselor ecologice in ceea ce priveste productia ecologica, etichetarea si controlul

***Council Regulation (EEC) on organic production of agricultural products and indications referring thereto on agricultural products and foodstuffs, 24 June 1991

***Ordonan a de Urgen a Guvernului nr. 34 din 17 aprilie 2000 privind produsele agroalimentare ecologice , Publicat în MO nr. 172 din 21 aprilie 2000

***Norme Metodologice de aplicare a Ordonan ei de Urgen a Guvernului nr.34 din 17 aprilie 2000, Publicat în MO nr. 640 din 12 octombrie 2001.

Evaluation

Evaluation form	Evaluation Methods	Percentage of the final grade
Course	Exam	60%
	presence	
Practical works	Tests + practical's	40%

Contact

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