



# Knowledge transfer in organic farming in Estonia

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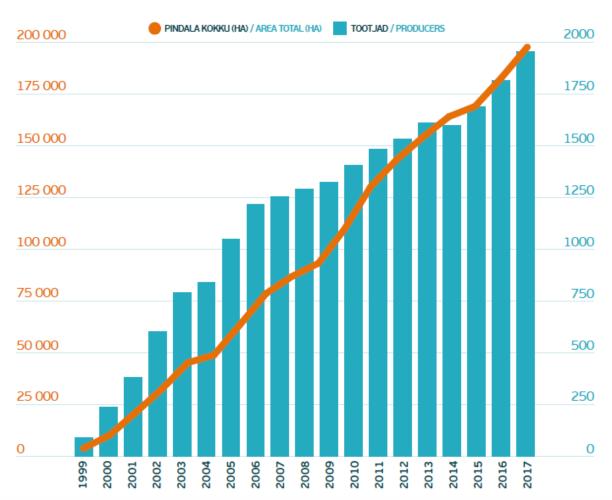
6th International Conference on Organic Agriculture Sciences (ICOAS)

7 – 9 November 2018

Esterházy Palace, Eisenstadt, Austria



# Background



- In 2017: 199,947 ha organic land,
  1888 producers and 165 processors
- 20% of the total agricultural area in Estonia is organic
- In addition: 260,662 ha of wild collection area



# **Education and advisory**

- Currently it is not possible to obtain a degree or to specialize in organic farming
- Specialised organic farming advisory system does not exist in Estonia
- The demand for new knowledge is very high and all farmers applying for organic farming support are obliged to participate in training events: four days in 5 years. Available topics: production, processing and marketing



# Knowledge transfer programme

- The Ministry of Rural Affairs prepared a long-term programme of knowledge transfer in organic farming for the period 2016–2019
- Budget: 720 000 EUR, financed from the RDP 2014-2020

#### Consortium:

- Estonian University of Life Sciences
- Estonian Crop Research Institute
- Estonian Organic Farming Foundation
- Centre for Ecological Engineering
- Research Centre of Organic Farming of EULS



# Information days

- Plant production
- Animal husbandry
- Processing
- Marketing
- Production and processing
- Organic catering
- Organic sector organisations





# Organic conference

 Topics: horticulture (2016), environment and organic farming (2017), marketing (2018)







# Study groups



Cereal, fruit, berries, vegetables, sheep, beef cattle, etc.





# **Demonstration trials**

Cropping systems, plant protection, cereal varieties, berry and fruit varieties and their agrotechnologies



# Presentation events in organic enterprises

• Topics: poultry, robotic milking system, milk processing, strawberry production, composting, etc.

Study trips



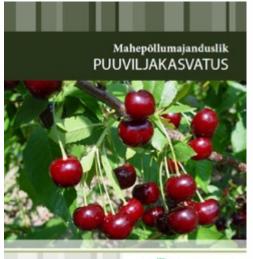
In Estonia and abroad: UK, Germany,

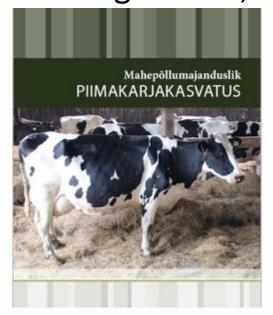
Denmark



## **Materials**

- Quarterly organic farming magazine "Mahepõllumajanduse Leht",
- Booklets on dairy cattle, beef cattle, cereals and oil crops, berries, fruits, vegetables, potatoes, beekeeping, herbs, composting, marketing, etc.,
- Electronic guidelines for seed production, small scale processing of fruits, berries and vegetables, etc.,











#### Tanavused mahekonkursside

Räägime lastele mahepõllumajandusest! > 6

Euroopa mahekongress 2018 > 7

Euroopa manekongress 2018 7

Austria – veerand põllumajandus maast mahe 🕨 8

Põhja- ja Baltimaade mahepõllumajanduse Järelevalveasutuste koostöö 🕨 🤋

.õunanaabrite mahetootmine astut

Mahetootjad said kuulda Inglismaa ja Taani kogemusi ▶ 11

Taani maheköögiviljakasvatus

REKO - soomlaste otseturustusmudel > 15

Sveitsis on mahetoidu tarbimine

Käivitus mahepiimakarjakasvatuse rahvusvaheline koostööprojekt > 16





# **Portal**

#### www.maheklubi.ee

#### Provides information on:

- Training events,
- Published materials,
- Other actual topics,



#### Tootjale Töötlejale Tarbijale Toitlustajale Turustajale







otsi

- ) Konkurss 2018
- > Mahepõllumajandus
- > Kust mahetoitu osta?
- ) Mahetoidu märgistus
- > Uudised
- > Sündmused, koolitused
- Mahepõllumajanduse Koostöökogu
- Õigusaktid, järelevalve, riigiasutused
- > Uuringud, projektid
- > Lingid
- > Mahepõllumajanduse Leht
- > Teadmussiirde programm

#### Sündmused

«	November 2018					>>
Е	Т	K	N	R	L	Р
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

#### Mahetoit - hea sinule, hea loodusele



- Mahetoit on tervislik, sealt võib leida rohkem vitamiine, antioksüdante ja organismile vajalikke mineraalaineid kui tavatoidust.
- Mahetoit ei sisalda organismile kahjulikke sünteetiliste taimekaitsevahendite jääke. Samuti pole mahetoidus pärilikult muundatud organisme (GMO) ega nende saadusi.
- Mahetoidus pole kunstlikke värv- ja lõhnaaineid ega kauast säilimist soodustavaid aineid, mis võivad põhjustada mitmesuguseid tervisehäireid.
- ) Loe edasi siit



#### Viimased uudised

Maaeluminister tunnustas põllumajanduse ja maaelu edendajaid teenetemärkidega

05.11.18

Hõbedase teenetemärgi pälvisid ka mitu mahepõllumajanduse valdkonnas aktiivset tegutsejat nii vabaühendustest kui ka riigiasutustest

#### Tallinnast saab pestitsiididevaba linn

05.11.18

Tallinna linnavolikogu toetas 1. novembri istungil Erakonna Eestimaa Rohelised algatust liituda pestitsiidivabade linnade võrgustikuga.

## Results

#### In 2016-2017:

- 146 training days, ½ practical field days
- 27 people participated each day
- Total of 3,878 participations (one person could participate in more than one activity)
- At least one training day in each county
- Dissemination of research results and new technologies
- Opportunity to meet, discuss and share experiences



# Challenges

- To transfer knowledge, we need new knowledge!
- Not enough organic farming research in local level on some topics: poultry, dairy cattle, potato and vegetable production, etc.
- No advisors on processing!





# Thank you!



