

**(Actualities and future perspectives of organic farming in Hungary, with special regard to its plant protection aspects)**

**Presenter:**

**Péter Roszik dr.**

**Managing director, Biokontroll Hungária Nonprofit Kft.**

**Debrecen, 25.10.2023.**

**28. Plant protection forum Tiszantúl**



# The legal basis for the operation of Biokontroll Hungária Nonprofit Kft.

- Recognition by the Agricultural administration office: HU-ÖKO-01 code number
- Accreditation by the National Accreditation Authority: MSZ EN ISO/IEC 17065:2013 szerint, NAH-6-0012/2019
- EU recognition: before joining from 1995. (BE latest: No 2144/2003), today: membership
- Swiss recognition: before joining: FDE 910.181, today: EU mutual
- ~~NOP (USDA) accreditation (from 3. May 2011.)~~
- ~~IFOAM accreditation: from 21. F~~

# Coworkers at Biokontrollban

3 persons received their doctorates in plant protection

Nearly 20 plant protection engineers, plant doctors and specialists in nutrient management.

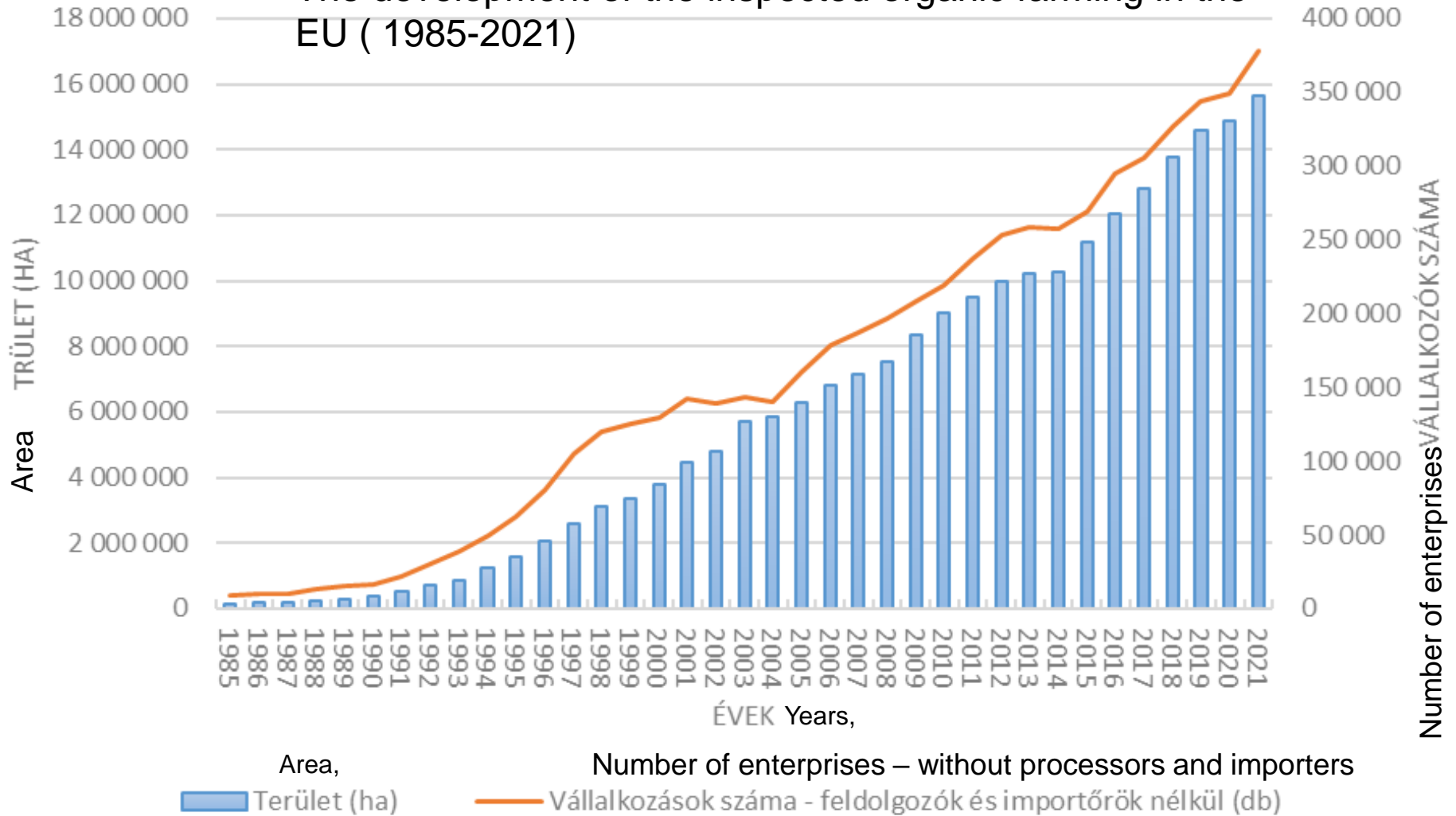
Off label history

Now „small scale farming” licensing with EU experts and the National Chamber of Agriculture; closing the gaps in plant protection;

Legal plant protection procedures and good professionals are needed.

# Az EU ellenőrzött ökológiai gazdálkodásának fejlődése (1985-2021)

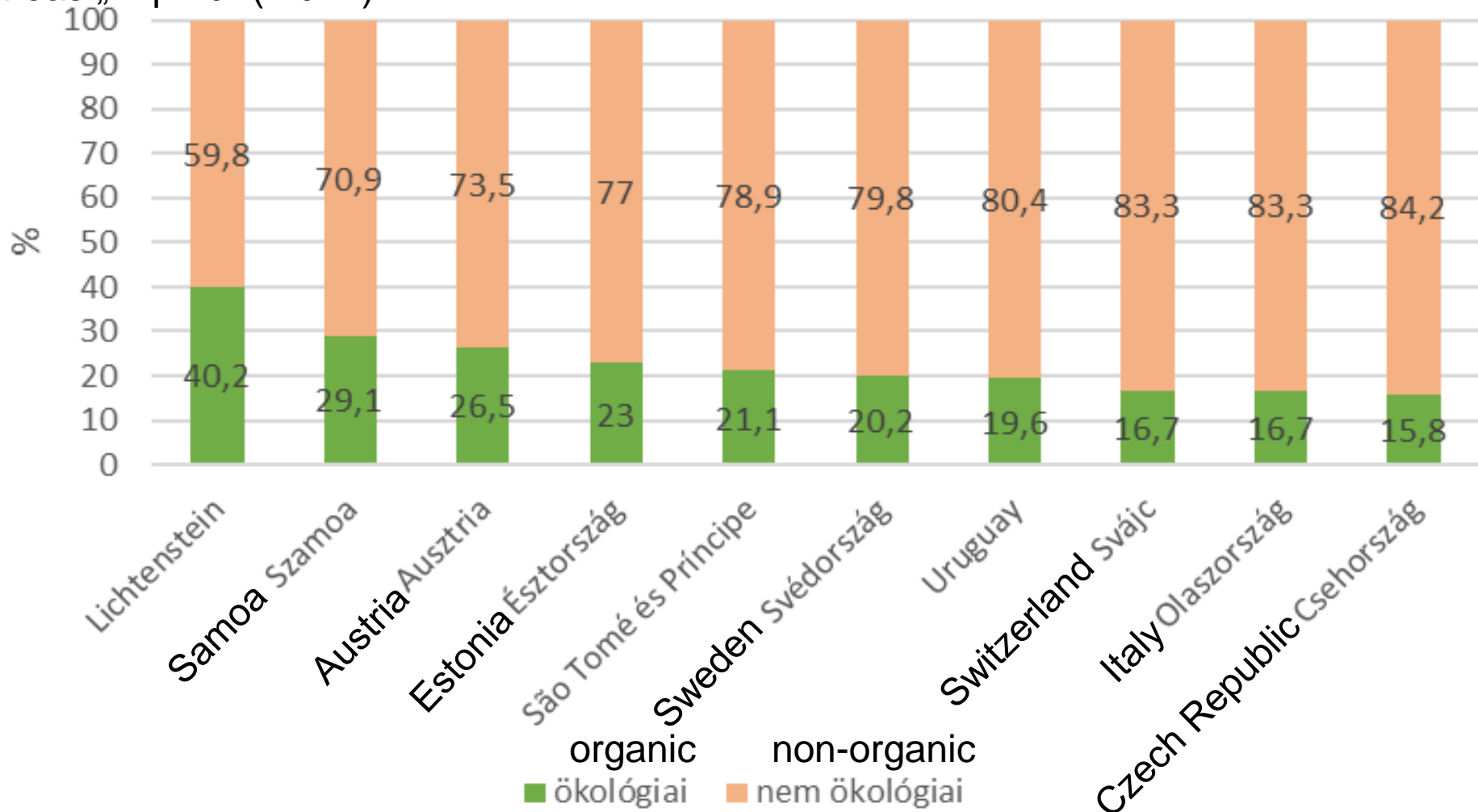
The development of the inspected organic farming in the EU ( 1985-2021)



Source : FiBL & IFOAM (2023): The World of Organic Agriculture. Frick and Bonn 269.p. és 273.p.

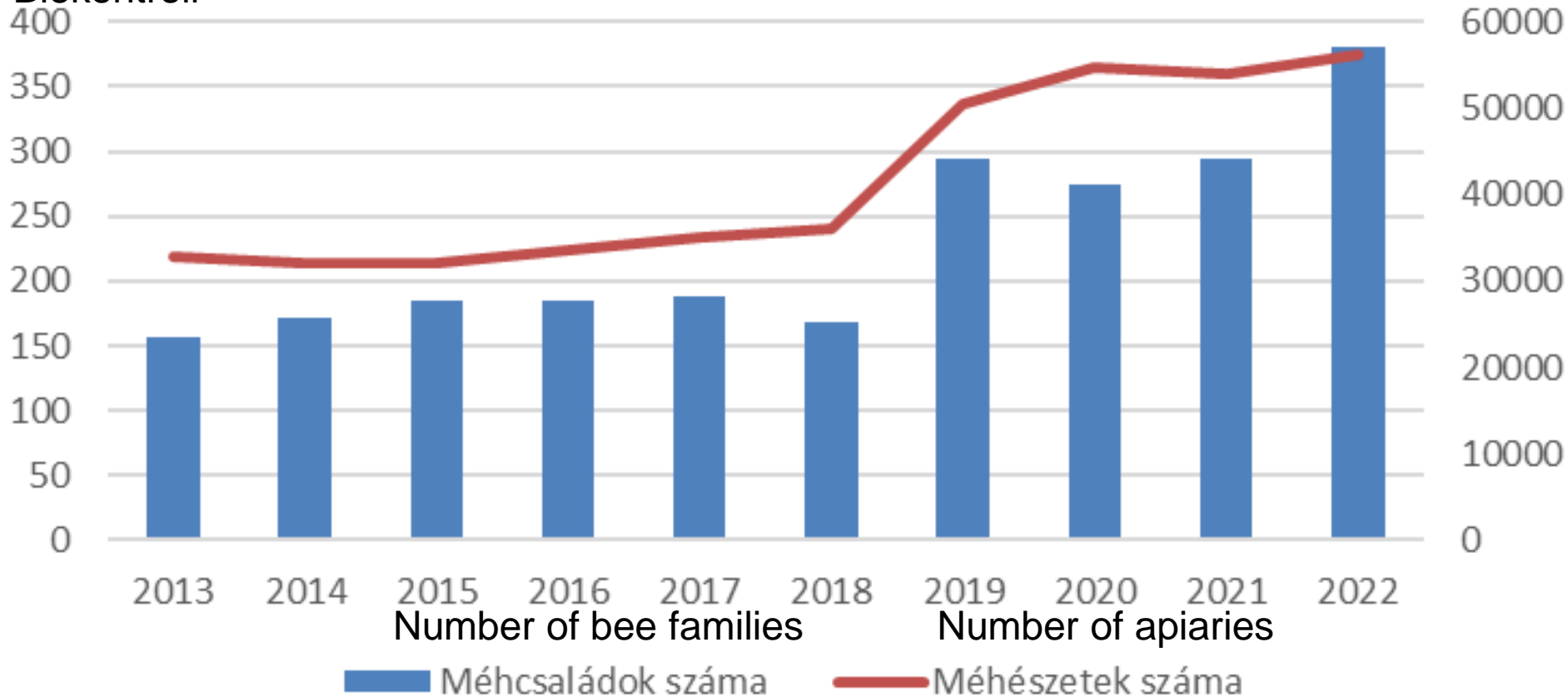
# Ökológiai és szokványos területek aránya "top 10"

The ratio of organic and conventional areas „top 10” (2021)



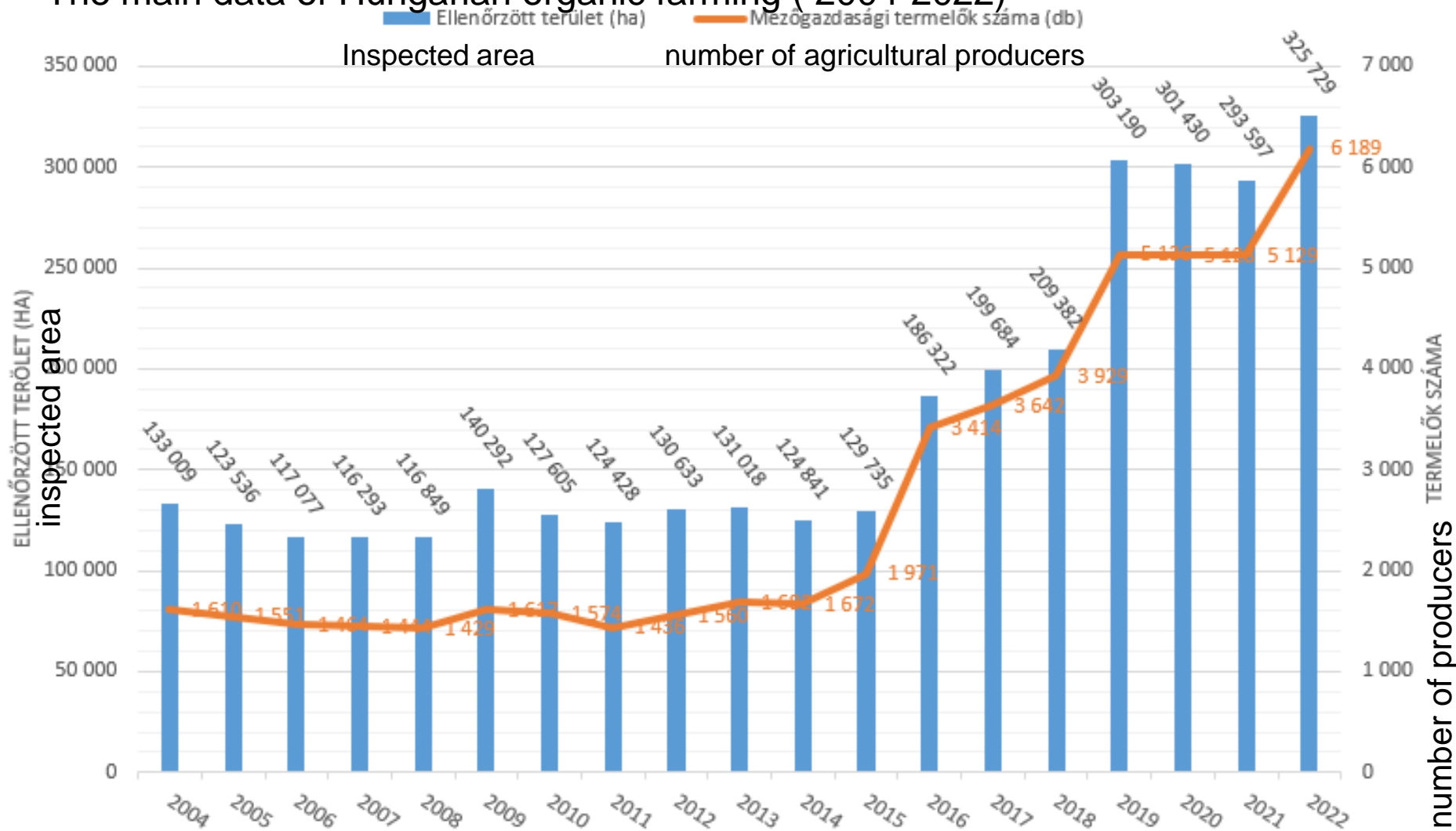
# A Biokontroll által ellenőrzött méhészetek és méhcsaládok száma

Apiculture and number of  
bee families inspected by  
Biokontroll



# A magyar biogazdálkodás fő adatai (2004-2022)

## The main data of Hungarian organic farming ( 2004-2022)



# Rural development program ( VP)\_ effects of organic subsidies



VP ÖKO 2015

VP ÖKO 2018

VP ÖKO 2021

VP ÖKO 2018 can now be extended

All applicants won in the last three tenders!

From the 1 st of January 2025, the aid scheme will  
restart with expected favourable conditions.

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# Factors preventing greater expansion

## 1. market conditions

- **Low domestic consumption (at most 10 %)**
  - Public catering almost „organic-free”
  - Raw material production is typical
- Market patriotism ( understandable) of foregin buyers
- Animal products cannot be sold on the foreign market, little demand at home
  - Unpredictable price fluctuations
    - COVID
- **War > inflation> the financial situations in the old EU member states is deteriorating > less goes to organic**

## Factors preventing greater expansion

### 2. uncertainties of EU regulation

- **New regulatory environment, more than 20 regulations**
- Difficulty of parallel production, highlighting the issue of grassland

§ Many dilettantes, incomprehensible, unfavorable EU measures

- Sometimes incorrect Hungarian text in the EU regulations
- **The wrong attitude of EU legislators, goodwill disappears from the system**

# Factors preventing greater expansion

## 3. domestic characteristics

- There is little organic propagating material
  - There is no variety bred to organic
- **The range of input materials that can be used is narrower than competitors ( plant protection products, nutrients)**
- Low animal density, less than 0,2 LU/ha > little organic manure
  - Contamination from drifting
  - The chemical lobby is strong
- **Non-chemical weed killing technology does not receive priority support**
- Abuse of extra organic points in the Rural Development programs, land privileges.
- Inadequate treatment of weeding in the practices of Hungarian Government
  - Uninformation, misinformation
    - Lack of expert advice
- Little money goes to organic research, and the good part that goes there is used inefficiently.

# Organic legislations

- A Tanács 2092/91rendelete (1992-2009. december 31-ig)
  - A Tanács 834/2007 és a Bizottság 889/2008 rendelete (2021.december 31-ig)
    - (and still in affect the 34/2013 VM rendelet)  
2022. január 1-től (eddig)
    - **Az Európai Parlament és a Tanács (EU) 2018/848 (V. 14.) rendelete**
  - A Bizottság (EU) 2022/1450 felhatalmazáson alapuló rendelete (2022. június 27.)
  - A Bizottság (EU) 2021/2306 felhatalmazáson alapuló rendelete (2021. október 21.)
  - A Bizottság (EU) 2021/2304 felhatalmazáson alapuló rendelete (2021. október 18.)
  - A Bizottság (EU) 2021/1698 felhatalmazáson alapuló rendelete (2021. július 13.)
  - A Bizottság (EU) 2023/1686 felhatalmazáson alapuló rendelete (2023. június 30.)
  - A Bizottság (EU) 2021/1342 felhatalmazáson alapuló rendelete (2021. május 27.)
  - A Bizottság (EU) 2021/1189 felhatalmazáson alapuló rendelete (2021. május 7.)
  - A Bizottság (EU) 2021/771 felhatalmazáson alapuló rendelete (2021. január 21.)
  - A Bizottság (EU) 2020/2146 felhatalmazáson alapuló rendelete (2020. szeptember 24.)
    - A Bizottság (EU) 2020/464 végrehajtási rendelete (2020. március 26.)
    - A Bizottság (EU) 2021/279 végrehajtási rendelete (2021. február 22.)
    - A Bizottság (EU) 2021/1165 végrehajtási rendelete (2021. július 15.)
    - A Bizottság (EU) 2021/1378 végrehajtási rendelete (2021. augusztus 19.)
    - A Bizottság (EU) 2022/2240 végrehajtási rendelete (2022. október 20.)
    - A Bizottság (EU) 2021/2119 végrehajtási rendelete (2021. december 1.)
    - A Bizottság (EU) 2021/2325 végrehajtási rendelete (2021. december 16.)
    - A Bizottság (EU) 2021/2307 végrehajtási rendelete (2021. október 21.)
      - A Bizottság 889/2008/EK rendelete (2008. szeptember 5.)
    - A Bizottság (EU) 2023/1195 végrehajtási rendelete (2023. június 20.)
- <https://www.biokontroll.hu/ellenorzes-es-tanusitas/jogszabalyok/>

# The greatest plant protection challenges



BIOKONTROLL  
HUNGÁRIA  
HU-ÖKO-01

- Weeds, mainly perennials (*Cirsium* spp. *Convolvulus*, *Calystegia* stb.)
  - *Monilia* spp. *Fusarium* spp.
  - Invasive (new in Hungary) pests (*Drosophila suzukii*, *Scaphoideus titanus*, *Halyomorpha halys*, *Nezara viridula*, *Tuta absoluta*, *Rhagoletis completa*, *Metcalfa pruinosa* stb.)
  - Field mouse
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# Misconceptions

- Primary non-chemical farming
- No nutritional supplementation
  - Spraying is forbidden
- Not possible to have organic and non-organic together
  - Spraying at night

The future:

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The modern organic farming

**„upon discovery, I thought something was going to be incomplete or false, and I had to fix it. By merely interfering with an opaque context I have caused disorder and disease.**

**Not the materials provide long-term performance and health. Living humus soil is more important because it ensures a healthy balance for plant, and in connection with this, for animals and ultimately for humans as well. ”**

**Justus von Liebig**





Winmakers of the year are often organic farmers



Picture: Dutch





Photo: Courtesy of Péter Reisinger and István Borsiczky

Fotó: Reisinger Péter és Borsiczky István szíveségéből


# Professor Bálint Nagy:



„ the 20th century was the century of chemistry in agriculture, the 21st will be the century of biology and especially microbiology”

([http://www.agrocafe.hu/hir/2015/05/26/Bucusu\\_Dr\\_Nagy\\_Balinttol](http://www.agrocafe.hu/hir/2015/05/26/Bucusu_Dr_Nagy_Balinttol))

„ or, if it does not happen like this, humanity will not even have a 22nd century”

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- A red tractor is shown in a field, equipped with a green sprayer attachment. The sprayer has several large, rounded, metallic tanks. The tractor is moving through a field of green crops, likely corn. The background is a bright, overcast sky.
- Plant protection in organic farming is incredible knowledge-intensive,
  - Good professionals are very much needed!

**Thank you for your attention!**

XXXII. ÉVFOLYAM  
2021. 2-3. SZÁM  
ÁRA: 2000 FT

# Biokultúra

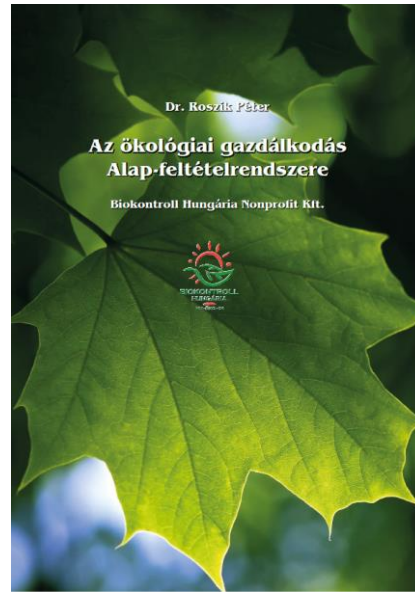
A MAGYAR BIOKULTÚRA SZÖVETSÉG SZAKFOLYÓIRATA



NEGYED SZÁZAD A BIOGAZDÁLKODÁS SZOLGÁLATÁBAN

BARÁTSÁGBAN A TERMÉSZETTEL, AZ EMBERREL

Every Biokontroll partner receives the Biokultura magazine, the only domestic organic magazine, which is published with 6 issues a year. The electronic version can be requested free of charge by farmers, chamber advisers, ect from [info@biokontroll.hu](mailto:info@biokontroll.hu).



The Basic Condition system (written by Biokontroll): follows the thought process of the farmer not the legislator. All partners of Biokontroll receives it free of charge. It only has a printed version. It can be requested free of charge at [info@biokontroll.hu](mailto:info@biokontroll.hu) referring to the current training.

Thematic issues for beginners: (2021/4.)  
From the content:

# Biokultúra

A MAGYAR BIOKULTÚRA SZÖVETSÉG SZAKFOLYÓIRATA

XXXII. ÉVFOLYAM  
2021. 4. SZÁM  
ÁRA: 1000 FT



- A biogazdálkodás általános alapelvei
- Választék, szaporítóanyag hestudat
- A biológiai növényvédelem biológiai eszköztára
- A nyugati díszburkolat-furulya csapáztatása különböző eszaktékekkel
- Agrotechnikával a füzartum maglózesése
- Kocsis Bertold biogazdálkodásról beszél a vendég

TEMATIKUS LAPSZÁM: FÓKUSZBAN A BIOGAZDÁLKODÁSBAN KEZDŐK

BARÁTSÁGBAN A TERMÉSZETTEL, AZ EMBERREL

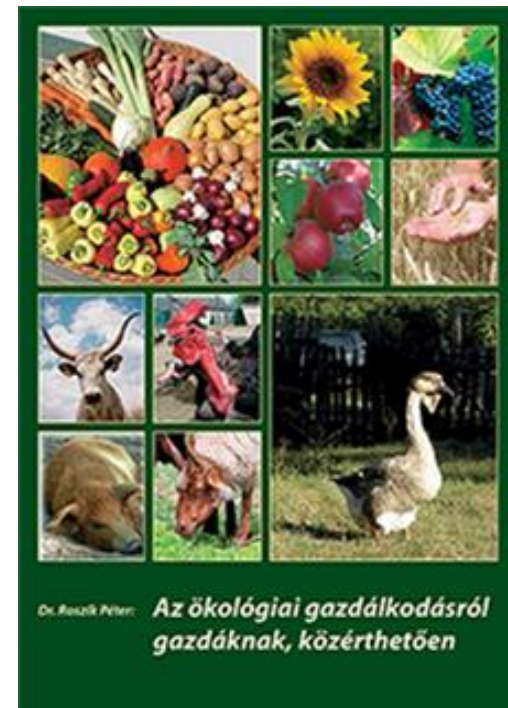
- The principles of organic farming(RP)
- Use of propagating material in organic farming.(RP)
- Transition in mind. (The essence of organic discription)
- Plant protection in organic farming
- About *Rhagoletis completa* (Miklós Tóth professor et al.)
- With agrotechnique against grain fusarium(Attila Mesterházi professor)

The third addition can be downloaded from

[www.biokontroll.hu](http://www.biokontroll.hu) > Bio kisokos > kiadványaink route

3. addition 2018.

4. addition is in progress according to legislation



# Biokontroll Hungária Nonprofit Kft.



- Office: 1112 Budapest, Oroszvég lejtő 16.
  - Mailing address: 1535 Budapest, Pf. 800.
  - Telephone: +36-1/336-1122, -23, -66, -67
  - Office mobil: +3630/393-9090
  - E-mail: [info@biokontroll.hu](mailto:info@biokontroll.hu)
  - Webpage: [www.biokontroll.hu](http://www.biokontroll.hu)
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