



**Universitatea de Științe Agronomice și Medicină Veterinară
Facultatea de Horticultură – București**

Romanian Fruit Growing - 2015

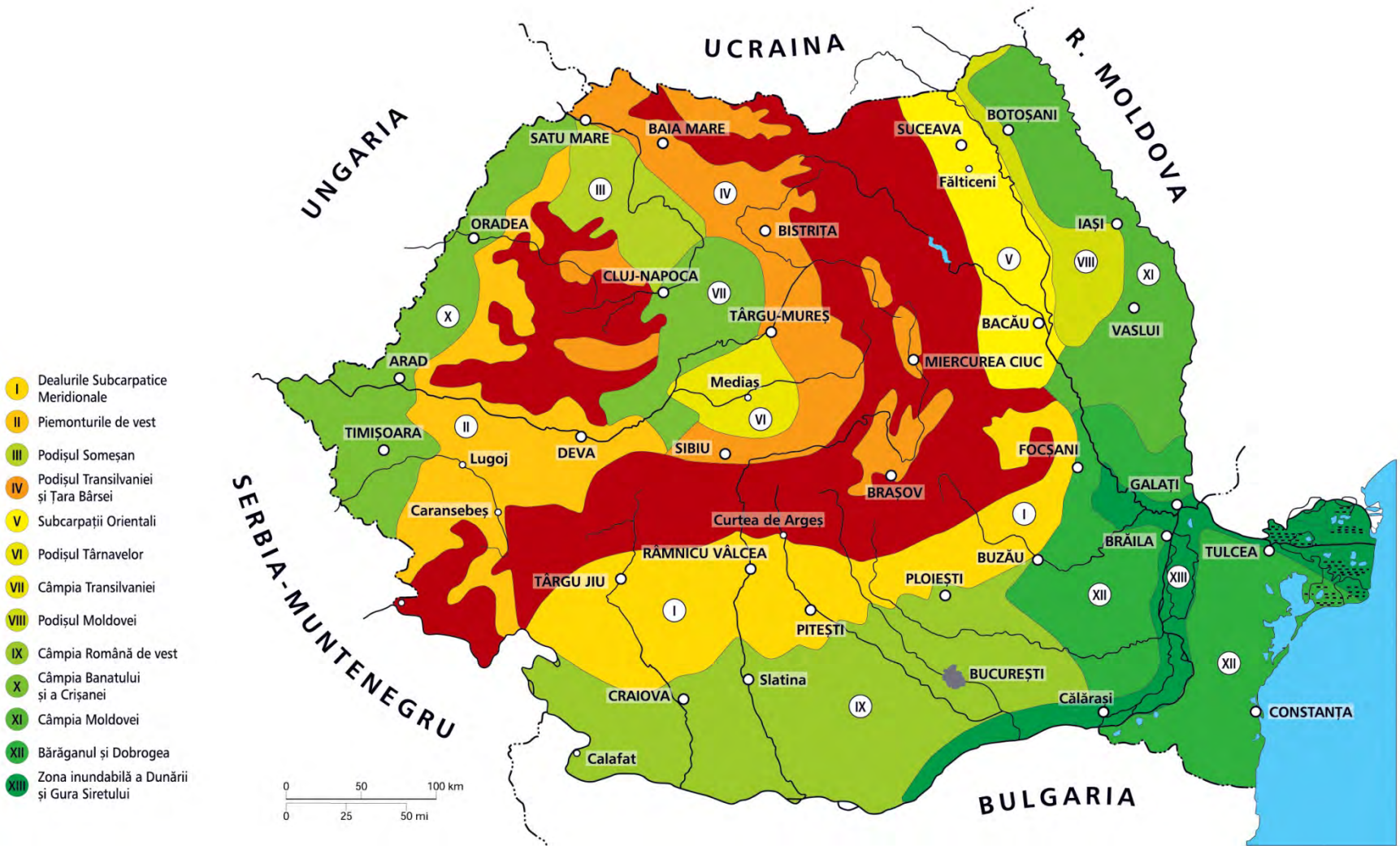
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USAMV București, Visit of Holland Fruit House – Monday, 10th of August, 2015

- Excellent growing conditions



- before 1989 - evolution



Orchards : ~350,000 ha

Farms: 120-150 ha

Grafted trees production:
over 20 millions/year

National development
programs for every specie

Specialized farms for fruit
export



After 1989



– **Periurban fruit plantations** – villas, commercial and industrial platforms



Fruit market:

- invaded by foreign products:
- high prices – fruits – luxury food



Economic effects:

- financing the economies of exporter countries
- poorness of local farmers from fruit production areas



Small fruit farmer:

- lack of technology and production capabilities
- lack of knowledge
- no efficient and honest system for fruit production

trading



Phytosanitary problems:

- fire blight (*Erwinia amylovora*) – quince, pear, apple.
- Plum pox (Sharka, *Prunus virus 6*) – stone fruits.



Structure of fruit plantations

- **From the total area:**
 - 108,500 ha (68,4%) extensive system
 - 47,200 ha (29,7%) intensive system
 - 2,930 ha (1,9%) superintensive (high density) system



Fruit plantations structure on productivity classes

- **From the total fruit area:**
 - 83,000 ha decline plantations (52,4%),
 - 67,000 ha production plantations (42,2%),
 - 8,540 ha young plantations (5,4%).



National Program for Rural Development:


– development of fruit nurseries for certified planting material



Contribution of USAMV București

Base and Certified Planting Material



ISTRITA  Nursery



- Romanian varieties



Romanian varieties:



Redix



Generos



Pionier



Ciprian

- Investments for New orchards

- only Certified planting material

- only varieties and rootstocks tested in Romania



-Berries – a priority

- problems: - no Certified planting material



-Berries – high demand:

- blueberry
- chokeberry (*Aronia melanocarpa*)
- Go Ji (*Lycium barbarum*)



Berries in protected cultivation

- Small areas: 47.3 ha in 2002 to 43.9 ha in 2010



Other priorities – peach

- problems:

- high competition from Turkey, Greece, Italy and Spain

- lack of new frost resistant varieties



- High demand:

- walnut – no clonal propagated trees available
- sea buckthorn – mainly for organic and export



Organic fruit farms

- Organic farms increased from 211 ha in 2006 to 6083 ha in 2012. (86% in conversion and only 14% certified)



Post harvest facilities

- No Producers associations
- Local Action Groups



-Traditional products – Protected Geographical Origin

- locally processed fruits

- plum preserve, green walnuts jam, black cherry jam, dried plums, apricot brandy, plum brandy from Buzău, Argeș, Văleni, Bihor, etc.



Research Center for Integrated Fruit Growing USAMV București



- Applied research
- Variety testing
- Advisory service
- Technical projects
- Soil studies







Research Center for Studies of Food and Agricultural Products Quality HORTINVEST

2012

2015



Introduction and testing of new varieties

ISTRITA  Fruit Nursery



New planting systems and canopies



Trident

- **Dutch model** – POS program, 2005
- 5 ha model farms



- Now - **Holland Fruit House** -

Within the Netherlands Government program - Partners International Business (PIB) – 2015-2017

- **10 Dutch partners:**

- Wageningen WUR
- Naktuinbouw
- Vermeerderinstuinen
- private companies



- **2 Romanian partners:**

- Univ. of Agronomic Sciences of Bucharest
- Research Institute for Fruit Growing Pitești

- **4 Workshops**

- **1 “Train The Trainer” stage**

ISHS - IX International Peach Symposium

July 2-6, 2017

Location

USAMV București,

Deadline abstract submission

March 15, 2016

Deadline full text submission

September 15, 2016

Convener

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Website

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Groups involved

- [Section Pome and Stone Fruits](#)
- [Workgroup Peach Culture](#)





Thank you for your kind attention!