



SLOVAK UNIVERSITY OF AGRICULTURE IN NITRA

Prof. Dr. Ing. Elena Horska
Vicerector for international
and public relations

MODEL FARM CONCEPT IDEA
COOPERATION CONCEPT STRUCTURE



1952 - 2012

60_SPU

SLOVENSKÁ POĽNOHOSPODÁRSKA UNIVERZITA V NITRE
SLOVAK UNIVERSITY OF AGRICULTURE IN NITRA

**my green
university**





Facts and Figures

SUA is the **only** agricultural university in Slovakia

Number of students : **10,000** (including 2 % of foreign students, mobility or degree seeing)

Academics: **571**, Research and technical staff: **651**

More than **100** scientific events organised with a focus on agriculture a year

University agricultural farm (**2120 ha**)

3 Centres of Excellence

- For protection and use of agrobiodiversity
- For white and green biotechnology
- For integrated river basin management in changing environmental conditions

AGROBIOTECH - Reserach and Technology
transfer centre (project in process)

6 FACULTIES

Study programmes

Bachelor : **38**

Master: **29**

PhD: **20**

Study programmes

in English : **20**





SUA Faculties



Faculty of Agrobiology and Food Resources



Faculty of Economics and Management



Faculty of Engineering



Faculty of Horticulture and Landscape Engineering



Faculty of Biotechnology and Food Sciences



Faculty of European Studies and Regional Development



University expertise, cooperation concept structure and modern model farm concept

Climate and natural conditions, Infrastructure, soil management and tillage system

Crop and animal production, feeding system, chemical protection

Storing, processing, selling,
Local marketing and value chain

Social responsibility and local community
Local extension

Feasibility studies





University expertise and modern model farm

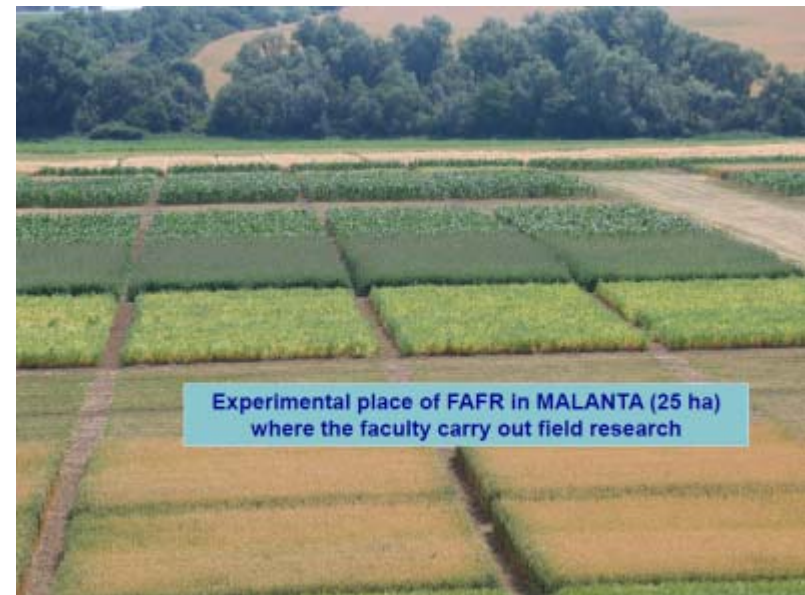
- **Faculty of Engineering**
- **Faculty of Horticulture and Landscape Engineering**
 - Landscape engineering
 - Water management, irrigation system
 - Infrastructure
 - Machinery park – soil tillage system on the farm, precision farming
 - Renewable sources of energy
 - Gardenning and fruit orchards
 - Vineyards and grape production





University expertise and modern model farm

- **Faculty of Agrobiology and Food Resources**
- **Faculty of Biotechnology and Food Sciences**
 - Crop production, agrochemistry and crop nutrition, crop protection
 - Animal production, animal nutrition and special zootechnology
 - Storing, evaluation and processing plant and animal products
 - Food sciences: Milk processing, beer production, wine production, bakery





University expertise and modern model farm

- **Faculty of Economics and Management**
- **Faculty of European Studies and Regional Development**
 - Feasibility studies
 - Rural development and tourism
 - Extension, crowdfunding, microcredits
 - Entrepreneurship of women
 - Rural/local marketing/selling
 - Social responsibility
 - Human resources development





University agricultural farm 2120 hectares

- 50 % of the arable land in disadvantageous areas
- Cereals, corn, sugar beet, rape seeds, forage on the arable land, vineyards
- High level results: Milk production 10 000 liters per one milking cow yearly (350 milking cows)
- Beef production, pig, poultry production, showroom of small animals, hunting, horses





KENYATTA UNIVERSITY
School of Agriculture and Enterprise Development

International cooperation

- Restructuring agrobusinesses in Slovakia
- Wheat program – Osivo, Zvolen and University of Andalas, Indonesia
- Kazakhstan – training Master students
- Iraq, Kurdistan – water management projects
- Restructuring the vocational agricultural education in Western Balkan countries (Tempus 2012-2014)
- Improving quality of public administration in rural areas (Kyrgystan 2012 – 2014)
- Bee breeding and honey production (Russia, Ukraine)
- Women and society (Syria)
- In stage of preparation: Laos and cereals program, cooperation projects with China (plant, animal production, milk processing, wine production, National Modern Agricultural City for Science and Technology)
- New partner for MBA business studies and cooperation - Kenyatta University, Kenya



Thank you!



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