



The Central Control and Testing Institute in Agriculture (UKSÚP)

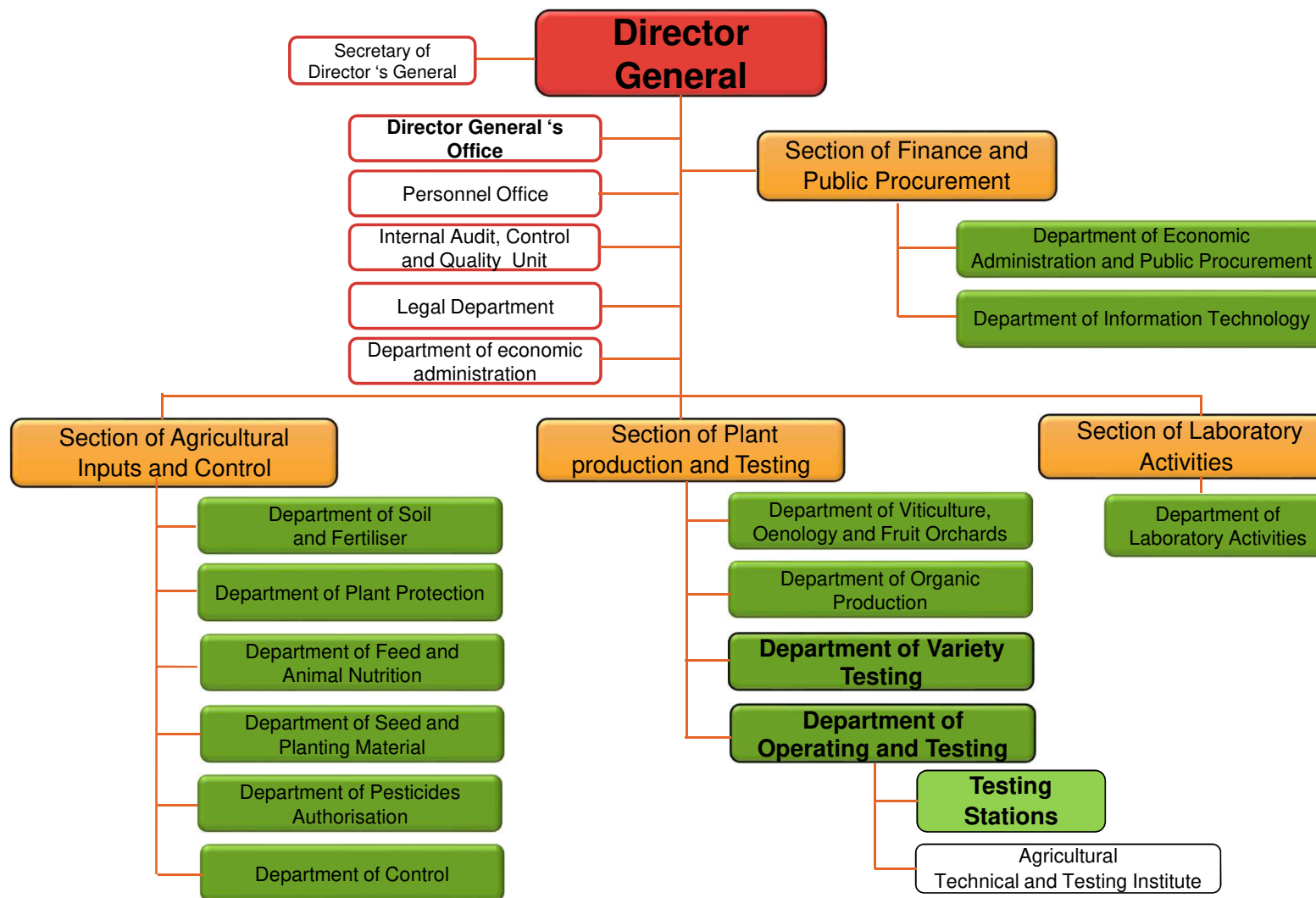
VCU TESTING IN SLOVAKIA



Katarína Hanzelyová, Katarína Bučková Department of Variety Testing



ORGANIZATIONAL STRUCTURE





New information about institute

- the new Director General – Mr. Vladimír Urmanič
- the new organizational structure – the change of department between section
- Department of Variety Testing and Department of Operating and Testing together
- new harvest machine for maize for silage and cereal
- new sowing machine for sunflower and maize
- building of new modern sustainable testing station in east part of Slovakia



especially for VCU test for maize, sunflower, cereals, rapeseeds and soyabean
test for other departments



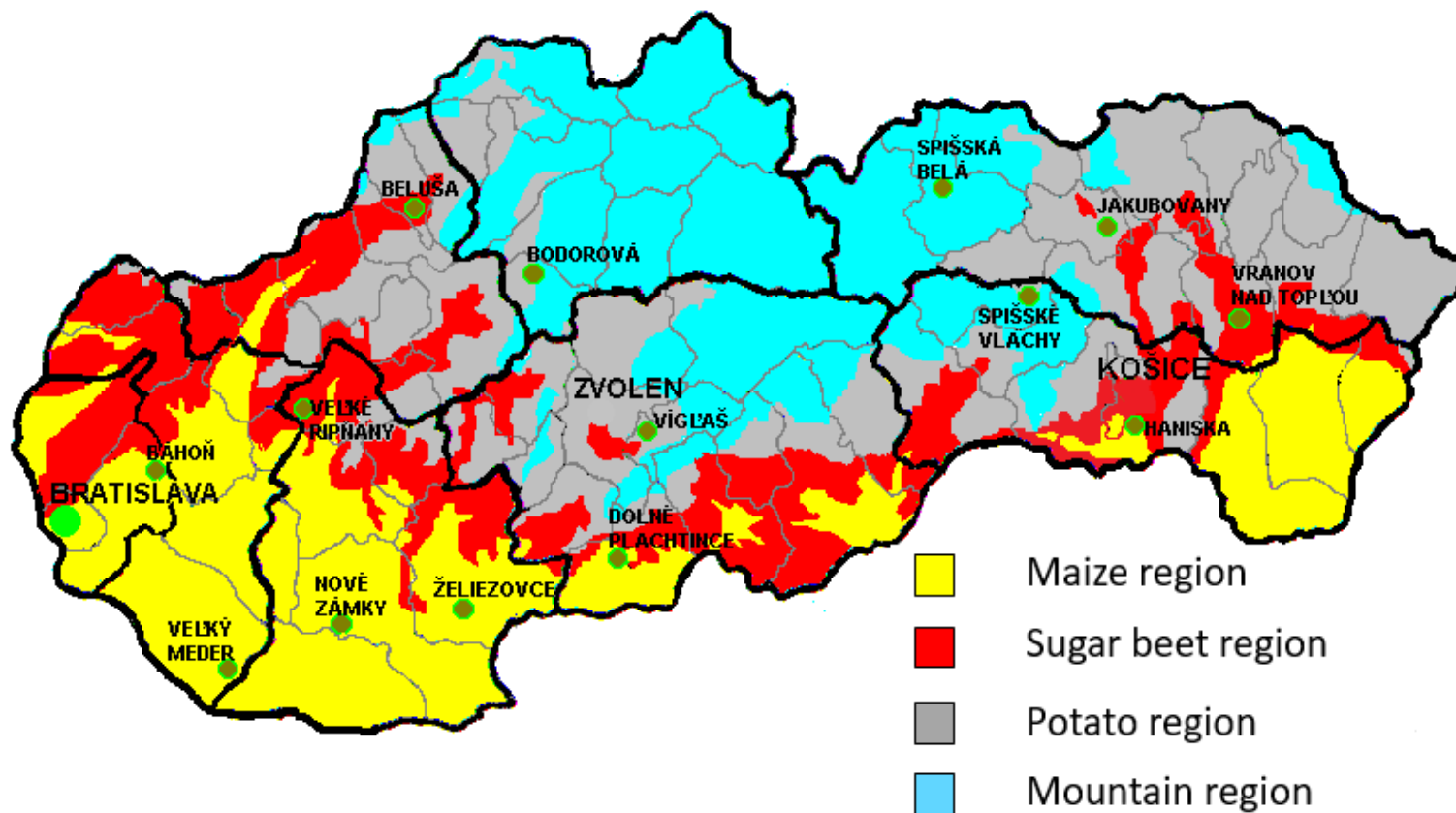
New information about VCU tests

- new crop specialist for maize for silage
- new methodology for maize for silage
- performance of the technological analysis
 - Content of nitrogenous substances
 - Sugar content
 - Starch content
 - Ash content
 - Fiber content
- the reasons for new methodology of the maize for silage
 - comply the requirements of the applicants and agricultural practice
 - simplify the work of harvesting maize for silage
 - purchase of a new silage harvester





The network of testing station





Organization of VCU testing

- VCU characteristics – yield's criteria, resistance to diseases, adaptation to climatic and environmental conditions, qualitative characteristics
- VCU trials - 13 testing stations (each production region) – 5,3,4,1
- 1 testing station – for vegetables only DUS, 1 for grape
- 8 crop specialists – together with Department of Operating and Testing
- 3 - 4 replications in rows or plot parcels
- comparison of candidate varieties on control registered varieties (1-5)





VCU tests of the plant species listed

- a) two or three years in case of annual species of agricultural plants; if DUS tests of the variety are finished and the variety achieve very good results of value for cultivation and use, these tests do not have to be done in the third year
- b) at least two harvest years in case of perennial species
- c) three years of full bearing in case of varieties of grapevine,
- d) five years of full bearing in case of clones of grapevine
- e) three years of production of shoot cuttings



EU project – LIFE programme for Nature and Biodiversity

Restoration of priority grassland habitats in Slovakia and Romania – LIFE Diverseed

- The LIFE programme - 100% contribution to the objectives and targets of the European Green Deal
- Project partners – BROZ-conservation association, State Nature Conservancy of the Slovak Republic, Botanical Institute of Slovak Academy of Science, Agrostis SK, Fundatia ADEPT (Romania)
- Development of regional grass and clover mixtures for landscape territories and protected areas in Slovakia
- Trial areas – 3 UKSÚP testing locations – Bahon, Dolne Plachtince, Spisske Vlasy
- Development of guidelines for grass and clover mixtures – general observations : completeness, density, growth speed, height, lodging resistance, inflorescence emergence, yields, sustainability



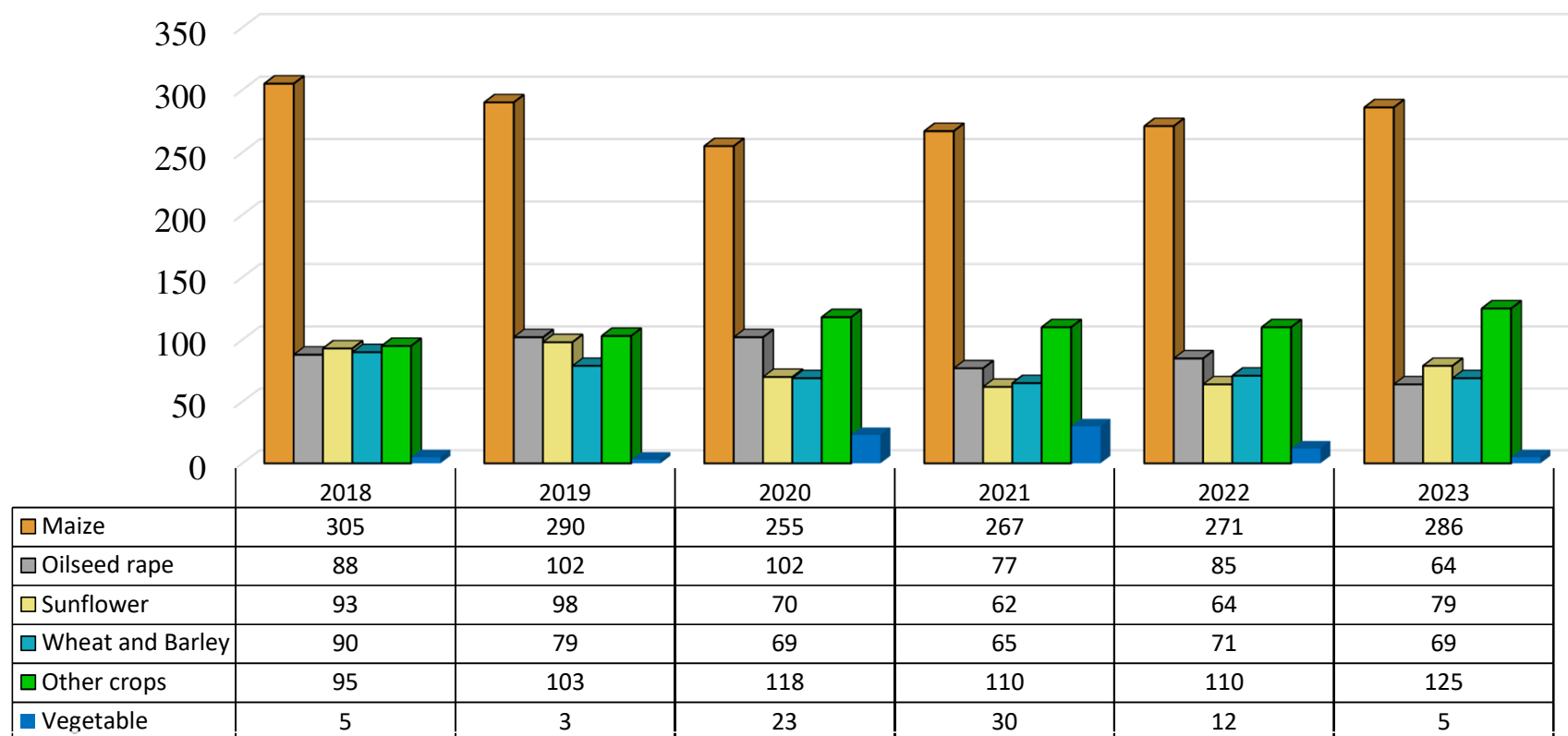
Activity of Department in numbers - 2023

- **309** applications for variety registration
- **628** varieties tested on the basis of applications for variety registration in the first, second and third year of State Variety Trials
- **47** application for renewal of variety registration
- **303** applications for private tests
- **437** issued decisions, of which **147** decisions on variety registration
- **21** applications for DUS examinations
- **42** Takeover reports of the DUS examinations by the CPVO office



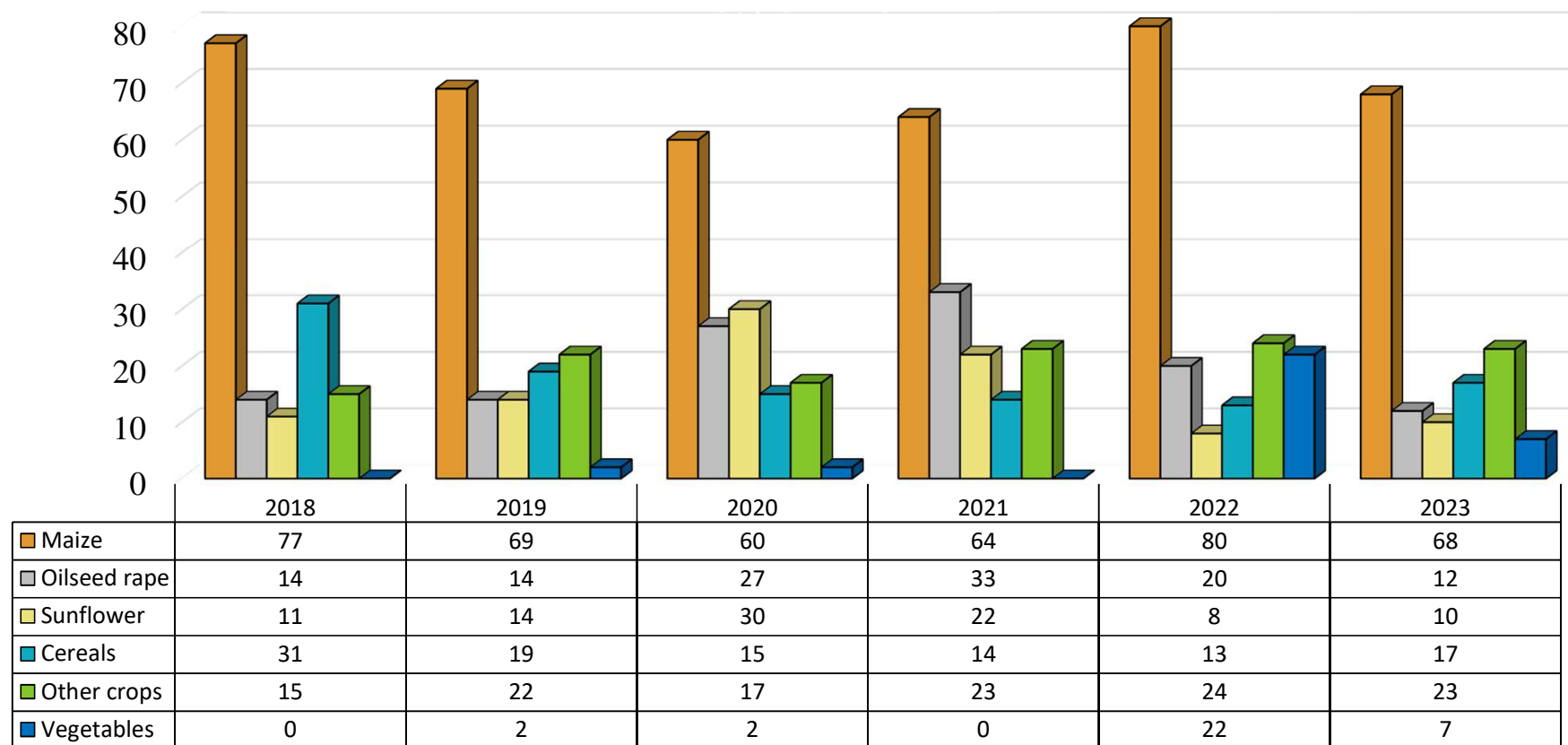


Varieties tested in 2018 -2023 in the first, second and third year





Registered varieties 2018 -2023





THANK YOU FOR YOUR ATTENTION

