

# THE CZECH NATIONAL PROGRAMME ON CONSERVATION AND UTILIZATION OF GENETIC RESOURCES OF MICROORGANISMS IMPORTANT FOR AGRICULTURE



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The Czech National Programme on Genetic Resources of Microorganisms Important for Agriculture is directed by Czech Ministry of Agriculture.

The aim:

- conservation of genetic resources of microorganisms *ex situ* in collections, safe maintaining of the genetic resources and their biodiversity
- record keeping and documentation of genetic resources, their evaluation on molecular level and possibility of utilization for agriculture
- enhancing the international cooperation, exchange of genetic resources



THE NATIONAL PROGRAMME CONSISTS FROM 20 COLLECTIONS OF GENETIC RESOURCES HELD IN 12 DIFFERENT BODIES:

## Collection of Plant Pathogenic Viruses (Crop Research Institute Prague - CRI)



## Collection of Potato-Pathogenic Viruses (Potato Research Institute Havlickov Brod)



## Collection of Fruit Trees and Small Fruit Viruses (Research and Breeding Institute of Pomology Holovousy)



## Collection of Ornamental Plant Viruses

(Research Institute for Landscape and Ornamental Gardening Pruhonic - RILOG)



## Collection of Animal Pathogenic Microorganisms (Veterinary Research Institute Brno)



## Collection of Phytopathogenic Bacteria (CRI)



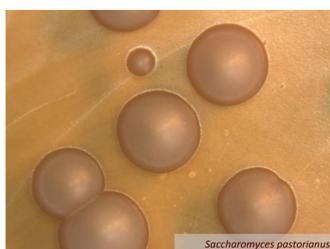
## Culture Collection of Rhizobia (CRI)



## Collection of Industrially Utilizable Microorganisms (Food Research Institute Prague)



## Collection of Brewery Microorganisms (Research Institute of Brewing and Malting Prague)



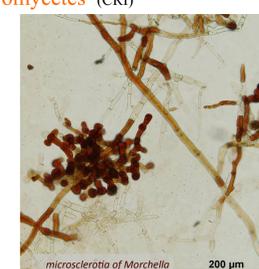
## Culture Collection of Dairy Microorganisms (MILCOM a.s. Tabor)



## Collection of Phytopathogenic Microorganisms (Palacky University Olomouc)



## Collection of Fungi Important for Horticulture - Macromycetes (CRI)



## Collection of Rusts and Powdery Mildew (CRI)



## Collection of Phytopathogenic Fungi (CRI)



## Collection of Hop Pathogens (Hop Research Institute Zatec)



## Culture Collection of Basidiomycetes Important for Agriculture

(Institute of Microbiology, Academy of Sciences, Prague)



## Culture Collection of Fungi Important for Agriculture and Food Industry (Charles University Prague)



## Collection of Phytopathogenic Oomycetes (RILOG)



## Collection of Invertebrate Crop Pests and their Natural Enemies (CRI)



## Collection of Stored-Product Pests, Mites and Fungi (CRI)

