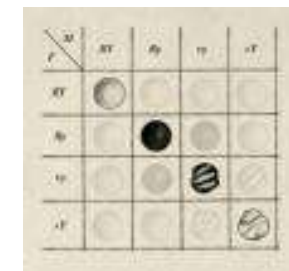
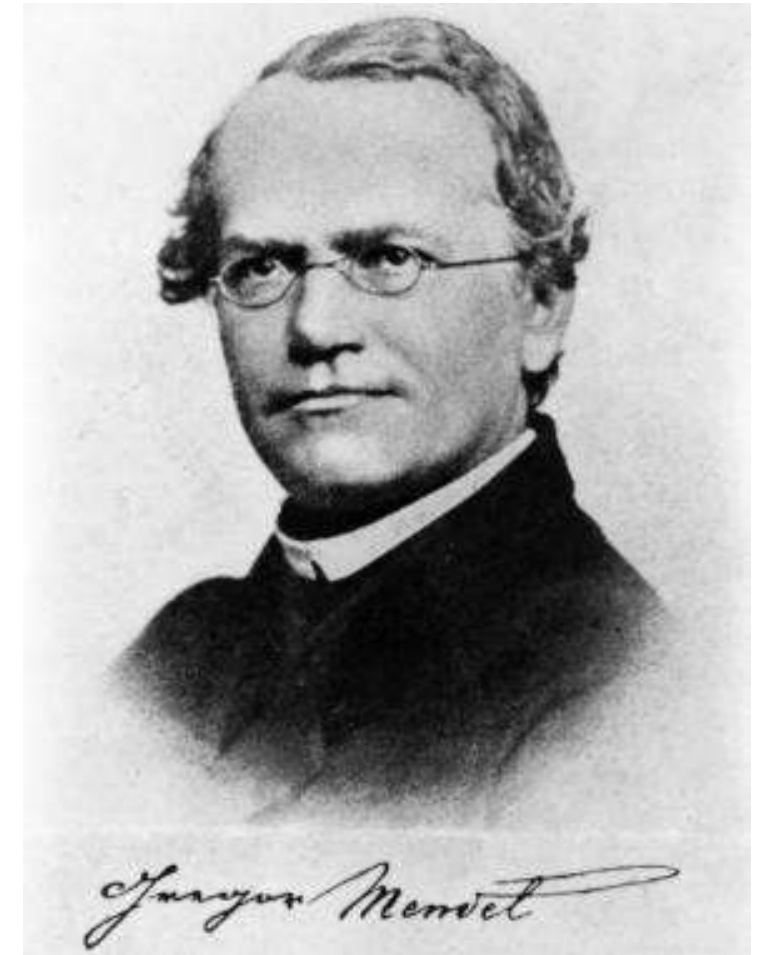


# Mendel University in Brno

# Gregor Johann Mendel

(\* 1822 Hynčice in northern Moravia – † 1884 Brno)

- father of genetics, meteorologist and beekeeper
- monk and later abbot of the Augustinian monastery in Old Brno



● Mendelova  
● univerzita  
● v Brně  
●

# about MENDELU



founded in 1919 as the University of Agriculture and Forestry





- MENDELU
- Faculty
- of AgriSciences
- 

- MENDELU
- Faculty of Regional
- Development and
- International Studies

- MENDELU
- Faculty of Forestry
- and Wood
- Technology

- MENDELU
- Faculty
- of Horticulture
- 

- MENDELU
- Faculty
- of Business
- and Economics



# University campus

- faculties are located in one campus in Brno with the exception of the Faculty of Horticulture, which is located in Lednice (60 km)
- student dormitories, shops, cafes and parks are close to the campus



MENDELU campus in Brno



Faculty of Horticulture



# Parts of the University

MENDELU owns unique facilities that play an important role in practical teaching and learning, including research tasks and thesis solutions

- MENDELU Botanical Garden and Arboretum
- University Enterprise Masaryk Forest Křtiny
- School farm Žabčice





## MENDELU Botanical garden and arboretum

founded by prof. Ing. August Bayer in 1938

the 11-hectare site is divided into five thematic sections

the collection of orchids is one of the largest in Europe -  
2000 natural species and 3 thousand hybrids, it includes a  
genebank of orchids. Public exhibitions - Orchids, Irises,  
Colours of Autumn, Summer Weekend...





## School Forest Enterprise Masaryk Forest Křtiny

It includes nearly 10,000 hectares of mixed forests in which biodiversity plays a major role.

It includes three arboretums, fifty wells and 90 monuments of the Forestry Memorials. Within the Excellentia project, it is a monitoring site for projected climate scenarios for Central European forests.

The activities of ŠLP Křtiny also include forest pedagogy, building and maintaining nature trails, running the Křtiny Chateau Hotel and commercial activities.





## School farm Žabčice

raising approximately 1200 cattle, including 700 Holstein dairy cows, 100 beef cattle and 400 calves and heifers

fifteen breeds of beef cattle are used to teach students and to produce breeding stock for herd renewal and breeding stock sales

ŠŽP Žabčice manages 2300 ha of agricultural land, including 10 ha of vineyards in the locality of Žabčice and Lednice, including a demonstration farm and a field experimental station

it organises regular public events MendelAgro and MendelSun



- MENDELU semi-operations - brewery, dairy, bakery, meat production
- linking theoretical knowledge with practical experience, developing students' skills and preparing them for practice
- practical teaching, research, preparing students for the work environment.







canteens



greenhouses and phytotrons



library



modern lecture rooms



laboratories



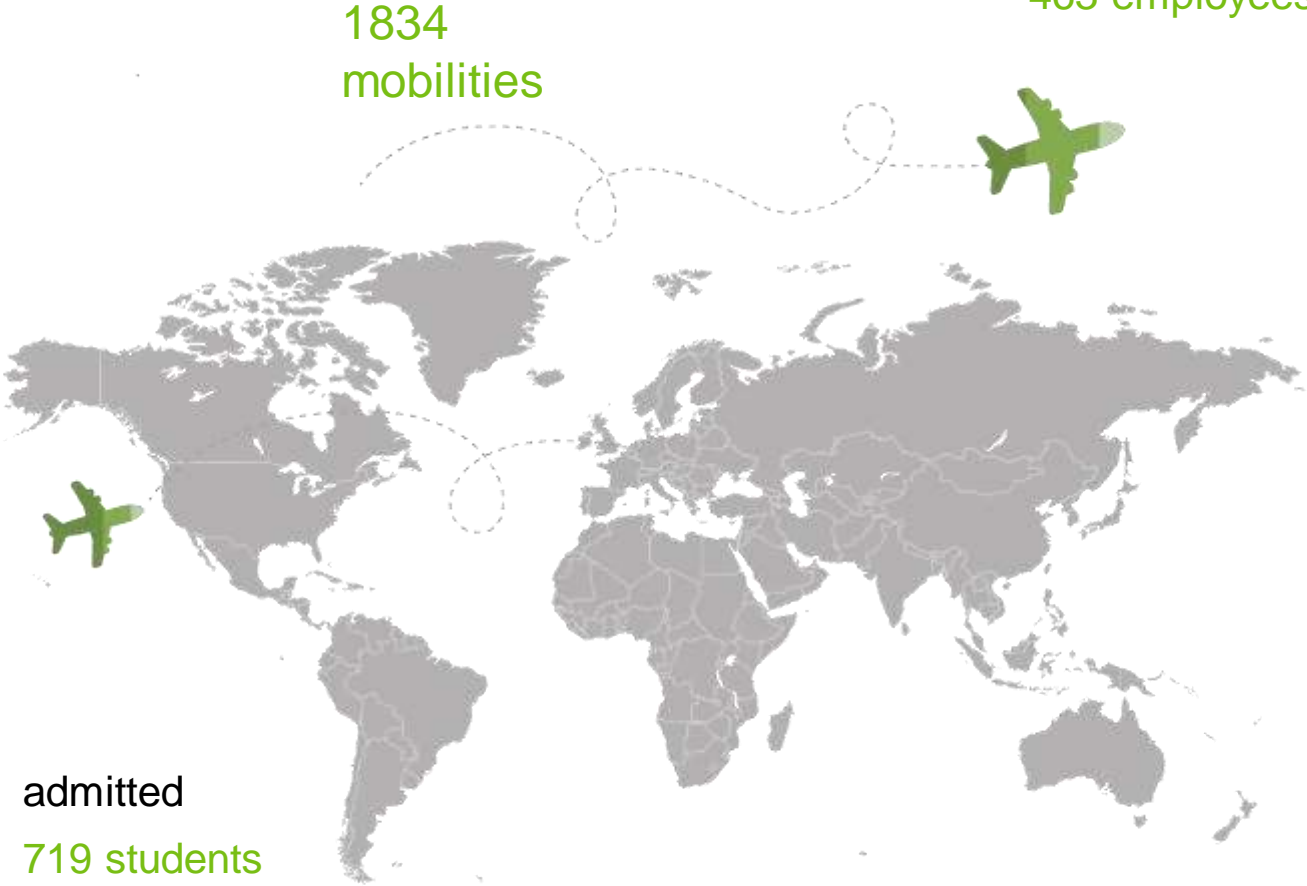
study rooms



# Internationalisation

departured in 2022  
478 students  
463 employees

- arrivals and departures to 90 countries worldwide
- MENDELU's most important partners outside the EU include Louisiana State University in the USA and Kasetsart University in Thailand
- the university cooperates and solves projects in Nicaragua, Peru, Thailand, South Africa, Zambia and the Philippines



\*departures of at least 5 days





# Science and research



## Interdrought

bioclimatologists from MENDELU are mapping drought and its impacts as part of the InterDrought project.



## WASP Technologies

improves the soil's ability to absorb water and helps seeds to germinate. Winner of the TA Czech Republic Award for 2022.



# The third role of MENDELU



## Promotion of freshwater fish consumption

we provide professional supervision and certification of freshwater fish suppliers to the Albert supermarket.



## Reducing food waste

as part of our research, we collect data on how behavioural changes can affect waste management. We share the findings with waste management companies for use.



# Sustainability at MENDELU

MENDELU sustainability priorities:



We are committed to the UN goals

*„I believe that the study and science of Mendel University will inspire the change in thinking that we urgently need for sustainable life on our planet.“*

- Jan Mareš, rector





# Vocational Training Centre Water in the Landscape

An aerial photograph of a lush green landscape. A winding river flows through the scene, surrounded by dense trees and vegetation. In the foreground, a large, open grassy field is visible, with a small structure or building near the riverbank. The overall scene is vibrant and natural.

- centre for Water Management Education at MENDELU, which promotes innovative approaches in water management education. It targets students, teachers, professionals and the general public
- examples of activities include Water Days - an international educational event for secondary school students from Europe organised on the occasion of World Water Day or the organisation of the Czech national round of the Stockholm Junior Water Prize competition for secondary school students



# Development cooperation in Africa, Latin America and Asia

- active development cooperation and aid in Africa, Latin America and Asia
- development projects with scientific and private entities
- linking collaborations between academics from many disciplines across faculties



# Development cooperation in Africa, Latin America and Asia



## Ethiopia

silvopastoral systems as a strategy for sustainable agriculture / integrated farming / conservation of Lake Awassa



## Sokotra Island

help with biodiversity conservation and reforestation / inventory and promotion of home and school gardens



## Zambia

silvopastoral systems / integrated farming / quality improvement of the forestry program at the Faculty of Natural Resources at Copperbelt University



# research expeditions



- MENDELU
- Faculty of Regional
- Development and
- International Studies.



thank you for your  
attention

Mendel university in Brno