



WULS- SGGW



**Experimental Farms Network (EFNet)
WULS, Warsaw, Poland
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**Experimental stations at Warsaw
University of Life Sciences - SGGW**

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AGRICULTURAL EXPERIMENTAL STATION IN ŻELAZNA

Production:

Potatoes for chips, carrot, bean, corn, grain – total 673 ha

Land use:

Fields – 325 ha

Ponds – 13 ha

Meadows – 12 ha

Forests – 18 ha

Facilities:

Dormitory for 13 persons

Conference room for 60 persons

Canteen for 60 persons

Guest's rooms for 2 persons each



Infrastructure:

Potato storage magazine for 3500 t

Carrot storage magazine for 700 t

Cool storage plant for 100 t

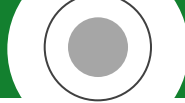
Greenhouse 520 m²

Animal breeding:

sheep and goats breeding (3 herds of old Polish breed of sheep)

Apiculture and fish breeding

Fish farm



AGRICULTURAL EXPERIMENTAL STATION WILANÓW-OBORY

Total area 1036 ha: Fields – 758 ha, Ponds – 22 ha, Meadows – 93 ha, Forests –143 ha

Production:

- Rape– 110 ha
- Wheat – 250ha
- Potatoes – 140 ha
- Orchards – 20 ha
- Others: corn, meadows, vegetables,
- Livestock production: cattle, chicken, pigs

Infrastructure:

Cow – house for 180 cows
 Chicken house
 Veterinary clinic
 Pigsty

Animal breeding:

Cattle - 180 cows

Facilities:

Dormitory

Equipment:

Combine harvester for grain
 Combine harvesters for grass
 Line for potatoes production and storage
 Field watering system





AGRICULTURAL EXPERIMENTAL STATION IN BRWINÓW

Total area: Fields – 562 ha:

The unit's economy is based on plant production.

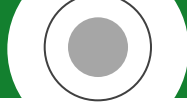
Research and teaching activities conducted on the area of:

Sweet Corn,

Bean,

Energetic plants mainly
common osier cultivation





AGRICULTURAL EXPERIMENTAL STATION IN SKIERNIEWICE

- **Land use:** Fields – 59 ha:
- Sources of renewable energy
- Energetic plants
- Ecological farming
- Classic environmental research

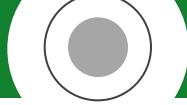
Facilities:

- Guest rooms for 30 persons
- 2 Seminar rooms

Equipment:

- Vegetation hall for 1000 pots
- Harvester for grain
- Weather station
- 2 Combine
- Tillage sets
- Sprinkler





ROGÓW FORESTRY EXPERIMENTAL STATION

- Established in 1927,
- **Land use:** Forests – 3482 ha, Fields - 85 ha, Arboretum – 56 ha, Ponds - 7 ha, Others – 61 ha, Total - 3691 ha
- Production: wood 10000 m³ per year: timber -3250 m³, pulpwood – 3000 m³, fuel wood 1700 m³, seedlings

Station includes:

1. The Arboretum SGGW

- ❖ established in 1925, covers 54 ha;
- ❖ three parts from the very beginning build for research-educational purposes:
 - the dendrological collection (22 ha),
 - forest experiment plots (18 ha),
 - alpine garden (1,5 ha)

2. Rogów Forestry Inspectorate

3. Plant Nursery Training Centre

4. Agricultural Farm in Puczniew



Equipment:

- 2 cold storage plant 100 m² each – T -1°C
- 1 cold storage plant 50 m² – T -5°C
- Green house 270 m²
- 12 foil tunnels 180 m² each
- Watering system



ROGÓW FORESTRY EXPERIMENTAL STATION

5. Nature and Forestry Education Centre

Training facilities:

- Auditory for 210 persons
- 2 seminar room for 30 persons each
- Seminar room for 16 persons
- 3 conference rooms for 60 persons each

Accommodation facilities:

- Student's canteen for 120 person
- Dormitory for 170 persons
- Hunter's house for 7 persons





HORTICULTURAL EXPERIMENT FIELD STATION AT WARSAW – WILANÓW

Faculty of Horticulture, Biotechnology and Landscape Architecture

The field covers a total area of over 36 ha (orchard 35 ha)

- Department of Pomology and Basic Natural Sciences in Horticulture
- Department of Vegetable and Medicinal Plants
- Department of Ornamental Plants

Research in the area of fruit-farming, vegetable growing, cultivation of medical and ornamental plants

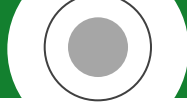
Equipment:

- 4 Cold storage rooms with 50 t storage capacity each
- 4 small chambers of 6 t each
- 2 chambers with 15 small CA boxes 1m³:

different gas rations and different temperatures

The Blueberry Field Station (28 ha) in Błonie – annual 10 tons of fruits and 35 thousand potted plants





EXPERIMENTAL FIELD STATION FOR PLANT GENETICS, BREEDING AND BIOTECHNOLOGY AT WARSAW - WOLICA

Faculty of Horticulture and Landscape Architecture

Department of Plant Genetics, Breeding and Biotechnology

This object consists of:

- Experimental fields of 8,5 ha
- Experimental greenhouses
- Laboratory house for chemical analysis (5 laboratories)
- Seeds storage room
- Low temperature store
- Didactic facilities (seminar room, exercise rooms, lecture room, work rooms)



Extension:

Close cooperation with plant breeders, seed companies, growers and processing companies





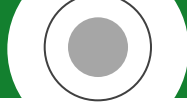
GREENHOUSE EXPERIMENTAL CENTRE

**Faculty of Horticulture,
Biotechnology and Landscape
Architecture**

Over 0.5 ha of greenhouse
Automatic atmosphere control
system

Over a few thousand different
species of plants from all over the
world, 1000 ornamental plant
species





EQUINE CLINIC AT WARSAW – WOLICA

Faculty of Veterinary Medicine

The Clinic has 3000 m² surface and consists of:

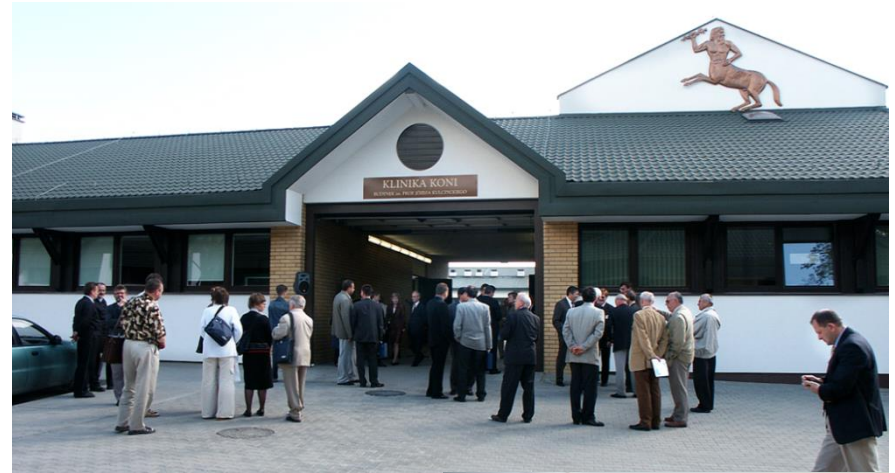
- 50 posts for stationary treatment,
- 2 operation rooms, 4 laboratories

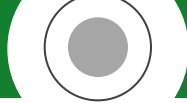
Additional facilities:

- Running track (for effort tests)
- Menage
- Stable pavilion for hippotherapy purposes

Services:

1. Hospital treatment of the horses from the whole Poland
2. Hippotherapy - handicapped children treatment





SMALL ANIMALS CLINIC

Over 100 years of tradition in pet treatment

Relocated to the campus in 2002

- **Veterinary:**

Full range of diagnostic, medical and preventive services

- **Veterinarians:**

Specialists to numerous animal species

- **Treatment of animals:**

Current cases and specialist consultations

- **Pets:**

Dogs, cats, rodents, birds, fish, exotic animals





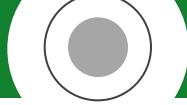
VETERINARY RESEARCH CENTRE

Experimental fields for students
Scientific and didactic works
Veterinary services

Surgery rooms
Hospital
Animal diagnosis
Animal obstetrics

Treatment of infectious diseases,
convalescence





CENTER FOR BIOMEDICAL RESEARCH

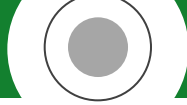
Opened in 2015, integrated center of laboratories at Faculty of Veterinary Medicine.

It serves high-quality researches in the field of medicine and veterinary, and it consists of 6 modern laboratories:

- Picture diagnosis
- Molecular biology
- Biotechnology
- Nanotechnology and nano-engineering
- Electromyography
- Cells and tissues breeding

It is one of the best this kind of centers in the world





WATER CENTRE

Opened in 2010, equipped in high-standard apparatus to help conduct researches in field of water quality.

Researches will not only help predicting nature's power and avoid flooding, but also improve managing of water resources.

In Water Centre there are also being conducted researches regarding water purification and widely understood environment protection.



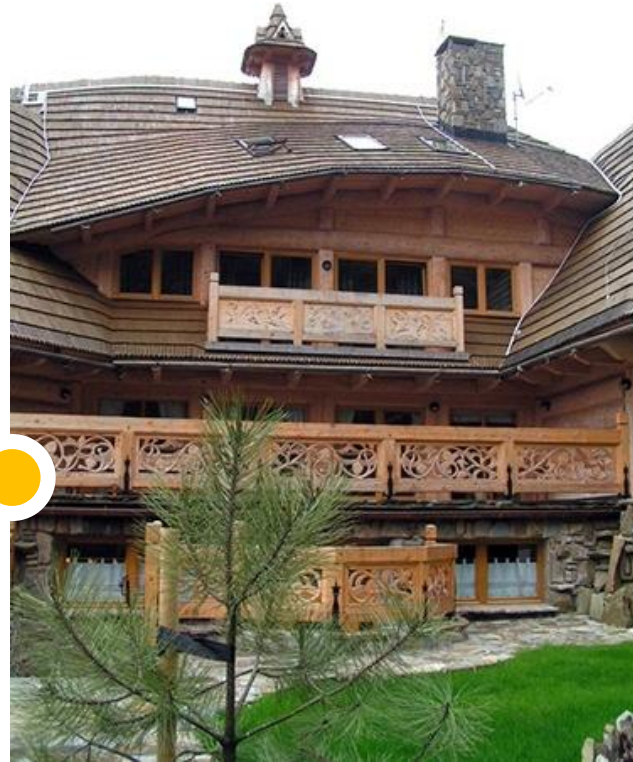


Marymont Centre in Tatra Mountains

Training and Leisure Centre in Kiry in Tatra Mountains

- 60 hotel rooms
- conference rooms
- fitness
- gym
- sauna
- touristic and ski equipment

TRAINING AND RECREATION CENTRE IN KOCISZEW





**WULS-
SGGW**

**EXPERIMENTAL
STATIONS**



WARSAW UNIVERSITY OF LIFE SCIENCES - SGGW

THANK YOU