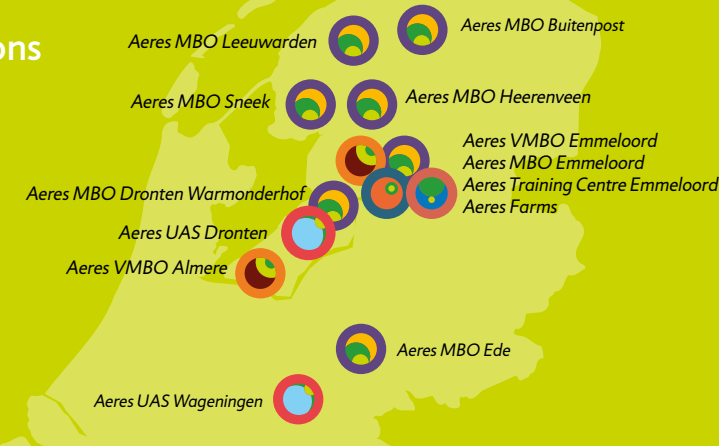


Our world of Plant-based Production

The Netherlands is known around the world for its high-quality knowledge of horticulture and agriculture. By applying this knowledge, economies of scales and intensive use of agricultural land, our country has grown into the second largest exporter of agricultural products in the world. In collaboration with the business community, Aeres educates national and international students who do research into or practical work related to future-proof and sustainable ways of growing crops and doing business. This offers plenty of challenges for students and graduates in the field of, amongst others, healthy soil and crops, breeding, circular agriculture and data management.



Teaching locations



Training courses and levels

Pre-vocational secondary education electives

- Growing and harvesting
- Preparing growth
- Livestock production & agriculture
- Nutrition & health

Vocational education courses

Level 2:

- Agricultural contracting employee
- Agricultural trade and logistics employee
- Arable farming and cultivation employee
- Biodynamic farm worker (cultivation)

Level 3:

- Skilled agricultural contract worker
- Skilled agricultural trade and logistics employee
- Skilled farming and cultivation employee
- Skilled plant and business employee
- Skilled biodynamic farm worker (cultivation)
- Supervisor biodynamic farm (cultivation)
- Supervisor urban agriculture (cultivation)

Level 4:

- Professional expert agricultural contract work
- Professional expert arable farming, cultivation and green technology
- Professional expert agricultural trade and logistics
- Professional expert plant and business
- Biodynamic farm manager

Higher professional education: Associate degree

- Agricultural Entrepreneurship Horticulture & Arable Farming

Higher professional education: Bachelor

- Agricultural Entrepreneurship Horticulture & Arable Farming
- Horticulture & Arable Farming
- Teacher and Knowledge Manager Horticulture and Arable Farming
- Accelerated course Green sector teacher and knowledge manager (teaching qualification in one year)

Courses and training


- More than 25 courses and training sessions in the field of precision agriculture, weather and climate, crop care, rodent control and Health & Safety

Future careers



Student numbers

 Vocational education
± **575**
students

 Higher professional education
Associate degree
± **55**
students

 Higher professional education
Bachelor
± **295**
students

 Courses and training
± **800**
participants

Internal and external practical facilities

Amongst others:

- **Aeres Farms**
 - Arable farm with 220 ha consisting of conventional and organic farm management with in-house mechanisation and product storage
 - EducationLearningPlot: 15 ha plot offering students options to do experiments/trials
 - Practical lab for soil and crop research
- **Aeres Innovation Centre**
Amongst others, training facilities in the field of technology, precision agriculture and soil science, including Soil Innovation Lab
- **Other research plots**
- **Various (food) labs**
- **School greenhouse**

Activities

Amongst others:

- SLO projects in which vocational and higher professional students work together on questions from entrepreneurs
- Field labs
- Annual trials on EducationLearningPlot
- CIV days
- Guest lectures by farms affiliated with Agrofood cluster for student participation from all around the Netherlands

Research and projects

Research groups

- Agricultural Water Management
- Sustainable Soil Management
- Entrepreneurship with the Community in Mind
- Precision Agriculture
- Resilient Plants

Occupational skills development group

- Circular Agriculture

Examples of projects

- Green Health Solutions
- The New Way of Cultivating
- Strip cultivation

International

International internships:

- Vocational students can do internships abroad (USA, Canada, Brazil and Europe).
- Higher professional students (100%) can do internships in e.g. the USA, Canada, Sweden, South Africa etc.

International activities and collaborations:

- Vocational students from Aeres in Emmeloord take a final excursion to the Czech Republic.
- Higher professional students in Horticulture & Arable Farming who choose horticulture in their 3rd year will do the English-language programme for 1 year.
- Student exchange with universities in e.g. Europe and the USA.
- World Potato City Emmeloord.

International experience:

- Plant Breeding
- Plant Production
- International Horticulture & Management
- International Business Manager
- International Business Advisor

Collaborations

Amongst others:

- 🔗 With the national and international business community, e.g. supply industry and seed companies
- 🔗 With educational institutions at vocational, higher professional and university level
- 🔗 With governments and research institutions
- 🔗 Agrofood Cluster
- 🔗 CIV Arable Farming
- 🔗 Cumela
- 🔗 Knowledge Agenda Agro
- 🔗 LOL (National Consultation on Contract Work)
- 🔗 LTO Netherlands
- 🔗 PotatoEurope
- 🔗 Agro Practical Cluster
- 🔗 Green Practical Cluster

