



# Crop Technician Apprenticeship

## at Feldsaaten Freudenberger

Since 2020, Feldsaaten Freudenberger has been an official training organisation for crop technicians. This multifaceted apprenticeship program is divided into four main areas. The significant weighting given to the practical component means that apprentices receive extensive insights into the various fields of activity.

- 3-year apprenticeship
- 80% practical component
- 9-11 week/year of class instruction in teaching blocks

### Field Trials

- Preparing trial and demonstration plots
- Cultivation of various crops
- Agronomy and crop science
- Using crop protection agents
- Fertilisation and soil preparation
- Irrigation technology
- Maintaining trial plots



### Cultivation Lab

- Research and development
- Microbiology
- Recording various plant growth parameters
- In-vitro cultivation
- Germination speed
- Preparing substrate
- Planning, conducting and evaluating trials
- Statistical evaluation
- Quality control



### Seed Technology

- Variety management
- Testing new varieties and mixtures
- Analysing the suitability of different species
- Seed development from A to Z
- Choosing test strains
- Variety registration
- Propagation and breeding



### Research Laboratory

- Quality control
- Technical purity
- Dockage
- Germination capacity
- Thousand grain weight
- Moisture content

