

# Agricultural technical assistant

that's what it's all about



## Fundamentals

Agricultural Technician Assistant: Outdoor, greenhouse, and lab work. At JKI you support the scientific breadth of crop plant research during your internship and gain exciting insights. **Location: Braunschweig-Messeweg** you will rotate through 10 different work groups in four institutes at the site, mostly working in the lab.

**Location: Braunschweig-Bundesallee** you will spend the entire internship year at the Institute for Plant Culture and Soil Science and will be frequently outdoors due to various field trial activities.

## What to expect, among others:

### Messeweg

- Diagnostics and characterization of plant-associated viruses, bacteria, fungi, and nematodes
- Basics of pest threats in field and horticulture
- All about bumblebees and bees

### Bundesallee

#### From sowing to harvest and everything in between

- Planning, setup, and evaluation of field and greenhouse trials
- Propagation, care, and harvest of plants and preparation of harvest yields
- Recording study parameters during and at the end of the growing season, including growth stages, insect incursions in flowering crops, disease and pest damage, leaf area index, biomass
- Soil and root sampling from various soil depths
- Chemical, biological, and molecular methods and their applications
- Conducting your own field trial
- Introduction to computer-assisted statistical analysis of trials
- tabular and graphical presentation of trial results

**Training location:** Braunschweig

**Start of training:** after the summer holidays | **Duration:** 2 years

**Salary:** No compensation, as this is an internship within a free education program at a school.