

PRACTICAL **CURRICULUM**

PROTECTED CULTIVATION

FULL-TIME

GREENHOUSE AGRICULTURE

A complete, practice-based training programme
for the greenhouse, propagation and marketing.

From young plants to a marketable yield.

THE PROGRAMME

A year-round harvest is no accident. This programme builds the skills for it, from propagation to sale.



Greenhouse Agriculture is a practice-based full-time programme for protected cultivation in the greenhouse.

Across more than sixteen specialist modules, trainees work their way from greenhouse construction, irrigation and climate control through propagation, vegetable and ornamental production to crop protection, harvest and the marketing of the crop.

The focus is on practice throughout. Learning takes place on real crops, on real greenhouse technology and at ten workstations, with around 1.500 hours of technical learning and more than 130 assessed exercises.

Each module concludes with assessed learning outcomes. The structured sale of vegetables and greenhouse produce also supports a self-financing model for the school.

The programme is offered as a curriculum, as tailored equipment or as a turnkey package for the site.

16

CORE MODULES

1.500_h

TECHNICAL LEARNING

130₊

PRACTICAL EXERCISES

75₊

EQUIPMENT ITEMS

50_{weeks}

FULL-TIME

PRACTICAL CURRICULUM

MODULE

01-16 · BY PHASE

Sixteen modules, in phases.

From greenhouse construction and technology through propagation and production to crop protection, harvest and marketing, concluding with the in-company final project.

01 Greenhouse construction & types
TECHNOLOGY & INFRASTRUCTURE

07 Vegetable production
PLANT PRODUCTION

13 Harvest & post-harvest
HARVEST, QUALITY & OPERATIONS

02 Assembly & maintenance
TECHNOLOGY & INFRASTRUCTURE

08 Ornamentals & herbs
PLANT PRODUCTION

14 Quality & safety
HARVEST, QUALITY & OPERATIONS

03 Irrigation systems
TECHNOLOGY & INFRASTRUCTURE

09 Fertilisation & fertigation
CROP MANAGEMENT & PROTECTION

15 Production planning
HARVEST, QUALITY & OPERATIONS

04 Climate control & sensors
TECHNOLOGY & INFRASTRUCTURE

10 Crop protection (IPM)
CROP MANAGEMENT & PROTECTION

16 Marketing & completion
HARVEST, QUALITY & OPERATIONS

05 Sowing & young plants
PLANT PRODUCTION

11 Crop care & pollination
CROP MANAGEMENT & PROTECTION

06 Substrates & growing systems
PLANT PRODUCTION

12 Water & energy
CROP MANAGEMENT & PROTECTION

EQUIPMENT

Trained on greenhouse and equipment.



01

Greenhouses & construction

Greenhouse structures, covering, tables and benches for protected cultivation.

02

Irrigation, climate & control

Drip and fertigation technology, ventilation, heating, shading and sensors.

03

Propagation & growing systems

Propagation tables, trays, pots, substrate handling and hydroponics components.

04

Care, harvest & hand tools

Cutting, care and harvesting tools as well as growing accessories.

05

Crop protection & hygiene

Application and beneficial-insect technology, cleaning and personal protective equipment.

06

Post-harvest, measuring & testing

Sorting, cooling, storage as well as pH and EC measurement and analysis.

~75 ITEMS · 6 CATEGORIES

LET'S GET STARTED.

- Turnkey
- Consulting
- Equipment
- Delivery
- Curriculum
- Installation