

HAS Training and Consultancy

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Online course Plant Physiology

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Scope

Modern horticultural and agricultural systems are required to satisfy the increasing demand for higher yield and quality in combination with low production cost and reduced pesticide use. We expect a higher output with similar or lower input. For horticulturalists and agriculturalists alike, these goals can only be reached with adequate plant physiological knowledge. Understanding plants and their needs enables growers to create the optimal growing environment, giving them the tools needed to cater for changing market demands.

About this course

This online Plant Physiology course (e-learning) will give you the opportunity to reach a higher knowledge level in various plant physiological processes. By explaining the

principles and practices of plant physiology, the course gives insight into detailed plant processes; how plants function, grow and react to environmental factors like light, water, substrates and nutrition. In addition, factors influencing growth both positively and negatively are discussed during the course. The course is built up in such a way that it allows you to select those modules that are of interest to you. Tutors follow and sometimes take part during the online discussions for the duration of the course. Furthermore, live online chat sessions with tutors are organised at set intervals to allow real-time question and answer sessions.

For who?

This course is for people who work in horticultural and agricultural business and want to know more about plant physiology.

What you can expect

The online Plant Physiology course consists of five chapters. Each chapter consists of different didactic methods like short lectures, articles and videos with assignments, live chats with the course teacher, webinars and knowledge tests.

Course content per chapter

- Introduction
- Photosynthesis
- Respiration
- Water management
- Hormones

Each chapter's entry level is tailored to appeal to crop managers, (head) growers, crop production employees, practical plant experts with limited theoretical knowledge or those interested in increasing their plant physiology knowledge.

Requirements

The course is at bachelor's level

Price and data

For actual prices and start data, visit our website www.has.nl/en/training

After receiving your payment, we will send you a personal login code. This login code will be sent to you within one week by email. You should finish the course in eight weeks. If this is not possible, please contact us.

Location

Online course

Certification

After successful completion of all modules, you will receive a certificate of attendance from HAS University of Applied Sciences.

EXPECTED STUDYLOAD: 3 hours per module
DURATION: 8 weeks
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