

Agribusiness Sugar Beet –

an advanced education for graduate students and junior employees of the sugar supply chain

Institute of Sugar Beet Research
associated institute of the University of Göttingen



Block module

M. Agr. 0003: Master study program Agriculture/Crop Sciences at the Faculty of Agriculture, University of Göttingen, 6 ECTS

The module consists of lectures, workshop, study and field trips. The lectures are given by permanent and invited speakers and lecturers of the Institute of Sugar Beet Research.

Teaching Team

Anne-Katrin Mahlein¹, Frank Beneke², Joakim Ekelöf⁴, Bram Hanse³, Christa Hoffmann¹, Heinz-Josef Koch¹, Bernward Märländer¹, Stefan Paulus¹, Nicol Stockfisch¹, Mark Varrelmann¹

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Participants

- graduate students and junior employees of the sugar supply chain; acceptance requires B.Sc. degree or its equivalent in agriculture

International participants from different countries:

Austria, Bangladesh, Belgium, China, Denmark, Finland, France, Hungary, India, Lithuania, Netherlands, Poland, Russia, Slovakia, Sweden, Switzerland, Ukraine, and Germany

List of Content

- sugar beet growing worldwide and in Germany
- history of the sugar beet
- genetics, breeding, varieties, and seed production
- beet morphology, plant development and yield formation
- cultivation including tillage, sowing, spacing, fertilization
- agricultural engineering and soil protection
- diseases, nematodes, pests, and their control
- weeds and their control
- phenotyping and precision agriculture
- parameters of technical quality and quantity
- beet storage and clamp covering system
- processing and sugar refining, co-products of sugar manufacture
- bioethanol and biogas production
- sustainable development in sugar beet cultivation
- workshop and invited talks on up-to-date topics

Tuition fee

There is a tuition fee for external participants (further information on request).

Information

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