Sveučilište u Zagrebu Agronomski fakultet
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Table grapes production (296599)

Nositelj kolegija

prof. dr. sc. Marko Karoglan

Opis kolegija

The course will provide students with modern knowledges related to the table grape production. The status and prospects of table grapes production in the world and in Croatia, with the main economic traits of this production will be presented. Particular emphasis will be given to designing and setting up table grapes vineyards and to the choice of suitable growing systems. Besides that, the importance of table grapes cultivars and selection criteria for production will be processed. Students will be introduced to the specific features of agrotechnics and ampelotechnics in table grapes production, with special reference to irrigation of vineyards. Finally, harvest, packaging and storage techniques of table grapes will be presented. Besides acquiring theoretical knowledge, students will take an active part in field work to get familiar with all agrotechnical and ampelotechnical work in the table grapes vineyard.
Upon the completion of lectures and exercises, students will acquire the knowledge of the character and technical-technological characteristics of table grapes production, with special emphasis on the role of ecological conditions in its production.

ECTS: **3.00**

E-učenje: **R1**

Sati nastave: 30
Predavanja: 15
Seminar: 1
Terenske vježbe: 14

Izvođač predavanja

- prof. dr. sc. Bernard Kozina
- prof. dr. sc. Marko Karoglan
- dr. sc. Mirela Osrečak
- dr. sc. Marina Anić

Izvođač vježbi

- prof. dr. sc. Bernard Kozina
- prof. dr. sc. Marko Karoglan
- dr. sc. Mirela Osrečak
- dr. sc. Marina Anić

Ocjenjivanje

Dovoljan (2): 60-69 %
Dobar (3): 70-79 %
Vrlo dobar (4): 80-89 %
Izvrstan (5): 90-100

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Vrsta kolegija

- Graduate studies / MS Courses taught in English (Izborni kolegij, 2. semestar, 1. godina)

Oblici nastave

- Lectures
- Field work

Tjedni plan nastave

1. Introduction to the course - about the course, the course syllabus, goals and outcomes. General information about table grapes production in the world and in Croatia; the history of the production; economic features of table grapes production- L
2. Principles of table grapes vineyard establishment, environmental conditions, cultivar and rootstock choice - L
3. The features of different trellis systems, and their suitability for different cultivars - L
4. Pruning of table grapes vineyard - L
5. Soil maintenance and irrigation - L
6. Table grapes cultivars; selection and criteria for new cultivars production- L
7. Canopy management in table grape vineyard: trimming, topping, girdling, defoliation, cluster thinning, berry thinning - L
8. Pruning of table grapes - E
9. Table grapes vineyard project - E
10. Preparing for planting and planting of vineyard - E
11. Shoot trimming - E
12. Cluster and berry thinning - E
13. Determination of harvest date; Harvest – E
14. Harvest, packaging and storage of table grapes cultivars; Uvometrics; Mechanical analysis of grapes and berries - E
15. Vineyard project and design – S

Obvezna literatura

1. Zabadal, T.J. (2002). Growing table grapes in a temperate climate. Michigan State University. Extension Bulletin 2774
2. Lectures and PowerPoint presentation
3. Strik, B.C. (2011). Growing table grapes. Oregon State University. Extension Service. EC 1639

Preporučena literatura

1. Anderson, K. (2013). Which winegrape varieties are grown where? University of Adelaide Press. Australia

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