



COURSE SPECIFICATION 2nd SEMESTER

Course Name : Technology of Crop Production
Code : KU 124
Credit : (3-1)

Course Description:

Crop Cultivation Technology is a course to prepare students to master effective crop cultivation methods and technologies from preproduction, production, harvest to post-harvest in a sustainable agricultural system both modern and elevating local wisdom to support design, management and innovation as well as the application of agricultural business.

References:

Panduan Lengkap & Praktis Budidaya Hidroponik Yang Paling Menguntungkan Karya Elisa
Budidaya Cabai di Lahan Sempit karya Suriana dan Neti
Budidaya padi di Jawa karya Sajogyo
Budidaya Padi pada Lahan Marjinal Kiat Meningkatkan Produksi Padi Karya Zulman Harja dan Utama

Topics:

1. Aspects of crop cultivation and alternative technology
2. Crop life cycle and crop utility
3. Supporting sciences for crop cultivation technology
4. Seeding: Preparation of cropping media, seeds, and maintenance
5. Know the types of production land
6. Land Preparation: Introduction to tillage tools and their techniques
7. Know the cropping system and cropping patterns
8. Transplanting (in paddy fields and moor)
9. Introduction of alternative crop cultivation technologies
10. Treatments including embroidery, fertilization, weeding, overgrowing and *perempelan/wiwilan*.
11. Post-harvest