



COURSE SPECIFICATION 3rd SEMESTER

Course Name : Problems on Water-Soil-Plant Relations
Code : KU 231
Credit : (2-2)

Course Description:

This course is designed to form competencies in the ability to identify, analyze, and solve problems of status and water supply for crop metabolic processes.

References:

<http://library.um.ac.id/free-contents/index.php/buku/detail/hubungan-air-tanah-dan-tanaman-titiek-islami-26703.html>

<https://search->

<7.com/search.php?q=hubungan%20air,%20tanah%20dan%20tanaman>

<https://slideplayer.info/slide/3665430/>

<https://search->

<7.com/search.php?q=hubungan%20air,%20tanah%20dan%20tanaman>

Topics:

1. Problems of water availability in soil (hydrological cycle, soil texture and structure, water status)
2. Nutrient availability problems (chemical and biological properties)
3. Water uptake and transport problems and nutrients
4. Water management problems (irrigation and drainage)