

AG 235 : Irrigation Principles and Design

Fundamentals of irrigation principles, plant, soil, water relationships, soil moisture sensing devices, delivery systems, set up of drip, sprinkler, and surface irrigation systems. Use of chemigation.

Credits 3

Lecture Hours 3

Recommended Preparation

Credit in Math 22, 24, 25, 26, 28, 29, 75X or higher.

Course Outcomes

- Determine water requirements for plant growth.
- Describe soil water concepts.
- Select the appropriate irrigation method and components for the situation.
- Design a basic drip and sprinkler irrigation system.
- Trouble shoot irrigation problems.