
SECTION HEADING

AGRI 2212: Corn and Soybean Production

Description

Corn and Soybean Production explores practices used in corn and soybean production, variety and hybrid selection, seed bed preparation and planting, fertilizer programs, water management, weed control, harvesting, storage and marketing.

Credits

3

Prerequisite

None

Corequisite

None

Topics to be Covered

1. Climate and Environment
2. Tillage, Planting, Harvest Practices
3. Hybrid Selection
4. Deficiency Symptoms
5. Variables of Yield
6. Plant Physiology
7. Fertility
8. Corn and Soybean Development
9. Yield Calculations
10. Harvest and Storage
11. Pest and Pesticide Control

Learning Outcomes

1. Select hybrids to meet marketing needs.
2. Calculate Growing Degree Units
3. Describe advantages and disadvantages of tillage, planting, harvesting systems.
4. Identify primary insect pests of corn and soybeans and their control.
5. Develop a fertility plan.
6. Identify growth stages of corn and soybeans.
7. Calculate yield
8. Describe drying and storage systems.
9. Calculate spray solutions.
10. Describe impacts of biological and economic yield.
11. Identify corn and soybean nutrient deficiencies.

Credit Details

Lecture: 3

Lab: 0

OJT: 0

MnTC Goal Area(s): None