



June 15, 2011

2011 Answer Plot® Program – 1st Session

Start time 9:35 AM Sharp

Soil Profile, Types, Associations – Major Soil Associations (0.5 hour SW) - P6 No. 1,4,5

Soil Properties-Influence on Crop Growth
Water holding capacity – available water estimates
Understanding Soils
Soil Compaction Issues
Background on Positioning Hybrid/Variety by Soil Type

Nutrient Management (0.5 hours NM) P4 No. 1c,1f,2c,2d

Nitrogen, Phosphorus and Potassium Fertilization (importance of soil testing)
NutriSolutions – tissue sampling
Elemental Prominence - Timing and placement of nutrient applications
Genetic Response to Nutrients (RTN)

Growth and Development (1.5 hours CM) P9 No. 1a,1b,1c,1d,1e,2c

Crop Growth Staging for Corn and Soybeans
Planting Depth, Seed-to-Soil Contact, etc.
Current Issues-bring examples (if possible)
Understanding genetic types and backgrounds
Genetic Differences (corn and soybeans)
Corn and Soybean Management Levels – R7 Placement Strategy

Pest Management (1.0 hours PM) P7 No. 1a,1f,1g,1h,1i,1j

Insect and Diseases

Seedling Diseases Along with Recommended Types of Treatments
Phytophthora/Rhizoctonia/Pythium/Fusarium, and others
Seed Treatments

Seedling Insect Identification, Scouting and Economic Thresholds (corn, soybean, alfalfa)
wireworm/seedcorn maggot/corn rooworm/cutworm/common stalkborer and others
Insecticides for Bean Leaf Beetle, Cutworms and Other Insects

Insects and Diseases to Watch for the Next Few Weeks

Corn: Corn Rootworm/ECB/Western Bean Cutworm/Spider Mite/Corn Leaf
Aphid/Grasshoppers/ and others. Gray Leaf Spot/Rust/Eyespot/Fusarium Stalk and
Crown Rot and others.

Current Issues-bring examples (if possible)

Weed Management

Identification and Management of Hard to Control Weeds
Herbicide Mode-Of-Action – Injury demo with Status vs. dicamba – genetic interaction
Weed Control Demo Evaluations (Herbicides/Adjuvants/etc.)

Weed Management Options

Adjuvants (efficacy demonstrations)

Current Issues-bring examples (if possible)

Station rotations at 9:30 – 10:15 – 11:00 – 11:45 – 12:30 Lunch