

Soil Fertility and Nutrient Management

Iowa State University Extension and Outreach

Location:

Scheman Continuing Education Building, Iowa State Center, Iowa State University campus, Ames

Wednesday, February 15, 2012

- 8:30 AM Registration
- 9:00 Soil fertility introduction & essential plant nutrients - *John Sawyer*
- 9:15 Iowa soils, soil properties, productivity - *Lee Burras*
- 10:30 Break
- 10:45 P and K management - *Antonio Mallarino*
- 12:00 PM Lunch – *provided*
- 12:45 Soil sampling and testing - *Antonio Mallarino*
- 2:00 Break
- 2:15 Cation exchange - *John Sawyer*
- 2:45 Soil pH and liming - *John Sawyer*
- 3:30 Break and depart for lab tour
- 3:45 Soil and Plant Analysis Laboratory tour
- 4:45 Return to Scheman
- 5:00 Adjourn

Thursday, February 16, 2012

- 8:00 AM Site-specific management - *Antonio Mallarino*
- 9:00 Environmental P and Iowa P Index - *Antonio Mallarino*
- 10:00 Break
- 10:15 Secondary and micronutrients - *John Sawyer*
- 11:00 Manure management - *Joel DeJong*
- 12:00 PM Lunch – *provided*
- 12:45 Soil N dynamics, crop uptake and diagnostic tools - *John Sawyer*
- 2:00 Break
- 2:15 N management and N products - *John Sawyer*
- 3:30 Hot topics/round-table discussion - *Sawyer, Mallarino*
- 4:00 Class adjourns

CCA Credits: 11.0 nutrient management, 1.0 soil and water management

Instructors:

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