



The Science of Cover Crop Benefits

February 25, 2009 (Wednesday prior to CTTC)
Ohio Northern University, McIntosh Center (Room A)

CTTC
2009

- 8:00** Registration
- 9:00** Welcome
- Jim Hoorman, OSU Extension, Lima Center
- 9:05** Fundamentals of cover crops and soil quality
- Rafiq Islam, OSU South Centers
- 9:30** Soil ecology and nutrient recycling with cover crops
- Jim Hoorman, OSU Extension, Lima Center
- 10:15** **BREAK**
- 10:30** Soil compaction and cover crops
- Randall Reeder, OSU Extension Ag Engineer
- 11:00** Biology of soil compaction
- Jim Hoorman, OSU Extension, Lima Center
- 11:30** Research on manure and cover crops
- Alan Sundermeier, OSU Extension, Wood County
- 12:00** **LUNCH**
- 1:00** Economics of cover crops
- Alan Lines, OSU Extension Ag Economist
- 1:30** Water quality, drainage and cover crops: Nitrate leaching to tile lines
- Eilene Kladvko, Purdue University
- 2:15** Cover crops and crop rotations
- Dale Mutch, Michigan State Kellogg Biological Station
- 3:00** **BREAK**
- 3:15** Environmental benefits of cover crops with small grains
- Tom Kaspar, USDA-ARS, Leopold Center, Ames, Iowa
- 4:00** Using cover crops to produce home grown nitrogen
- Rafiq Islam, OSU South Centers
- 4:30** Cover crops discussion: What's next?
- Jim Hoorman, OSU Extension, Lima Center
- 5:00** **ADJOURN**