

The Missouri Nutrient Management Planning Course

Classroom Session: March 10-12, 2009

Field Session: April 13-15, 2009 or April 15-17, 2009 (select one)

Location: Missouri Cattlemen's Assoc., 2306 Bluff Creek Dr., Columbia, MO

- Qualified individuals can use this course for certification as a nutrient management technical service provider for NRCS*.
- Requested approval for 6.0 soil and water and 22.0 soil fertility continuing education units (CEU's) for Certified Crop Advisors.
- Licensed engineers can claim at least 17 professional development hours.
- Approval by MDNR for 35.5 CEUs for Concentrated Animal Feeding operators and 29.0 CEUs for Wastewater Treatment Operators (Course ID nos. 902089 and 902090 or 902091).

Topic summary:

- **NRCS Nutrient Policy & Current Regulations**
- **Water and Air Quality Issues**
- **Assessing farm resources**
 - Soil and manure testing
 - Manure handling systems
- **Nutrient management analysis**
 - Fertilization of crops
 - Manure nutrient availability
 - Cropping systems for manure management
- **Economics of manure**
- **Evaluating alternatives**
 - Phosphorus from feed to field
 - Phosphorus & leaching indexes
 - Software & electronic resources
- **MU farm tour**
- **Nutrient management calculations**
 - Manure production
 - Manure application rates
 - Nutrient balance
 - Field prioritization
- **Site selection**
- **Biosecurity issues**

Presenters include:

- John Lory, MU Plant Science
- Joe Zulovich, MU Ag. Engineering
- Ray Massey, MU Ag. Economics
- Marcia Shannon, MU Animal Science
- Peter Scharf, MU Plant Science
- Rob Kallenbach, MU Plant Science
- Dan Obrecht, MU Natural Resources
- Andy Carson, MU Veterinary Medicine
- Beth Young, MU Veterinary Medicine
- Chris Barnett, CARES, MU
- Troy Chockley, NRCS
- Glenn Davis, NRCS

Cost: \$375 covers both sessions.

For more information contact John Lory, University of Missouri (573-884-7815; LoryJ@missouri.edu) or Glenn Davis, NRCS (573-876-0908)

To register contact Shane Ferguson (573-884-6311; FergusonS@missouri.edu) or register on the internet at http://nmplanner.missouri.edu/trainings/mnmp_course.html .

Sponsored by University of Missouri Commercial Agriculture Program; MU Extension; and Natural Resource Conservation Service (NRCS)

*Nutrient management certification requires submitting a plan for review by the course instructors after completion of the class.