

Managing Nutrients on Wisconsin Soils Webinar Workshop–2013

March 18th, 19th and 21st
1-3 pm each day

Presented by: UW-Madison Department of Soil Science and
UW-Extension Nutrient & Pest Management Program

Program Information

Managing Nutrients on Wisconsin Soils is an intensive nine-hour webinar designed for agency and industry personnel who desire to have a more in depth knowledge of intermediate to advanced topics in soil fertility and soil management. The learning objectives are to provide individuals with a fundamental understanding of Wisconsin's revised nutrient application guidelines, advanced soil fertility management tools that may be used in adaptive nutrient management, and soil management practices to reduce nutrient loss.

Registration Information

Registration for the webinar is required for each participant and the fee is \$90 per person. Registration will close on March 18 at noon, but early registration is appreciated and will improve the participant's webinar experience. Interested participants can register at: patstore.wisc.edu/npm/register.asp. **Credit card is the only acceptable form of payment on this website.** A confirmation email will be sent to each participant. For questions on registration contact Carol Duffy (cjduffy@wisc.edu, 608-262-0485). For questions about program content contact Carrie Laboski (laboski@wisc.edu, 608-263-2795).

Course Materials

After registering, participants will be sent an email with directions for downloading supplemental materials and information needed to log into the webinars. All webinars will be recorded and available for participants to view until May 31. Basic principles of soil fertility will not be covered in these webinars, but will be part of the supplemental materials. Participants may wish to purchase UWEX publications A2809 *Nutrient application guidelines for field, vegetable, and fruit crops in Wisconsin* and A3588 *Management of Wisconsin Soils* from the Learning Store at: <http://learningstore.uwex.edu>. Both publications can be downloaded for free as PDF files.

CCA CEUs

An application has been made for Certified Crop Advisor CEU's with 6 credits in nutrient management and 3 credits in soil and water management (9 credits total).

Webinar Agenda

Date/Time	Topic	Speaker
Monday, March 18		
1:00-1:20	Understanding soil groups and soil yield potential	John Peters
1:20-1:40	The nitrogen cycle – the key to better N management	Carrie Laboski
1:40-1:50	Forms of fertilizer N	Carrie Laboski
1:50-2:00	Break	
2:00-2:30	N rate guidelines for profitable crop production	Carrie Laboski
2:30-2:40	N credits from manure and legumes	John Peters
2:40-2:50	Soil nitrate testing	Scott Sturgul
2:50-3:00	Break	
3:00-3:20	Understanding N stabilizers/extenders	Carrie Laboski
3:20-3:40	Crop canopy sensing for in season N management	Ken Hubbard
3:40-3:50	Evaluating N management during/after extreme weather (eg heavy rainfall, drought)	Carrie Laboski
3:50-4:00	Wrap-up	
Tuesday, March 19		
1:00-1:20	Phosphorus and potassium recommendations & management	Carrie Laboski
1:20-1:30	Manure P & K credits	John Peters
1:30-1:50	P loss from tile lines: is it really an issue?	Laura Good
1:50-2:00	Break	
2:00-2:10	Starter fertilizers as part of a nutrient management plan	Carrie Laboski
2:10-2:30	Secondary and micronutrients – do you need them?	John Peters
2:30-2:50	Liming – the cornerstone to a good nutrient management program	John Peters
2:50-3:00	Break	
3:00-3:50	Uses and limitations of plant analysis including end of season stalk nitrate test	Carrie Laboski
3:50-4:00	Wrap-up	
Thursday, March 21		
1:00-1:30	Soils and landforms of Wisconsin and their influence on nutrient loss	Kevin McSweeney
1:30-1:50	Cover Crops	Matt Ruark
1:50-2:00	Break	
2:00-2:50	Soil management practices and their impact on nutrient loss	Francisco Arriaga
2:50-3:00	Break	
3:00-3:50	Soil management practices in RUSLE2 and the Phosphorus Index	Laura Good, Francisco Arriaga
3:50-4:00	Wrap-up	

Revised Curriculum