Webinar, Adaptive Nutrient Management

Seminar Time: May 3, 2012 @ 3:00 PM (Eastern)

“Adaptive management is a new term used to describe methods of tailoring nutrient applications to crop needs.” Adaptive Nutrient Management, which is defined by NRCS policy as a process used to plan, evaluate, and adjust nutrient application strategies over time, provides a significant opportunity to enhance nutrient utilization efficiency and to minimize risks with nutrient application. NRCS, universities, commodity and environmental non-profit groups and industry are joining to facilitate adoption of adaptive nutrient management by increasing awareness, providing training opportunities and ensuring availability of financial and technical assistance for planning and implementing adaptive nutrient management strategies. The Adaptive Nutrient Management Workgroup is sponsoring a National webinar series to provide training on ANM for NRCS staff, conservation partners, and crop consultants. This initial webinar of the series provides an overview of the basics of adaptive nutrient management. Subsequent webinars will focus on specific tools of adaptive nutrient management and implementation of nutrient management strategies.

Presenters for Webinar:

Tom Morris is a professor and extension specialist in soil fertility and nutrient management in the Department of Plant Science and Landscape Architecture at the University of Connecticut. He is the chair of the NEERA 1002 Coordinating Committee on Adaptive Nutrient Management and the Presiding Leader of the American Society of Agronomy’s Community on Adaptive Nutrient Management. His research program generates data to improve the management of nitrogen and phosphorus in corn production. His extension program uses methods developed in the field of adult learning to help farmers adopt improved methods of managing nitrogen and phosphorus. Tom has worked with farmers, scientists, extension educators, agricultural consultants, NRCS, farmer and industry groups, the environmental community and regulatory agencies to explore how the concepts of adaptive management can be integrated into existing farming operations, recommendations, incentive payments, and regulations. He received a Ph.D. in Soil Science from Iowa State University. Phone: 860-486-0637; Email: thomas.morris@uconn.edu.

Quirine Ketterings is an Associate Professor at Cornell University working in Nutrient Management in Agricultural Systems and the Nutrient Management Spear Program. She received a M.Sc. degree in Soil and Water from Wageningen University and Research Center in the Netherlands and a Ph.D. in Environmental Sciences from The Ohio State University. Dr. Ketterings interests include: whole-farm nutrient management for dairy operations, the use of manure and compost for fertility management, fertilizer guidelines for yield and quality of field crops, and indicators of environmental impact of nutrient management practices. Phone: (607) 255-3061; Email: qmk2@cornell.edu.

Jim Camberato is an Associate Professor and Extension specialist in soil fertility in the Department of Agronomy at Purdue University. He has 25 years of experience in the Midwest and Southeast working with farmers and their advisors to improve nutrient management for a wide variety of crops including...
corn, cotton, soybean, and wheat. Jim also has extensive experience in the use of animal manures and industrial byproducts as nutrient sources for crop production. Phone: (765) 496-9338; Email: jcambera@purdue.edu.

Link to presentation on Adaptive Nutrient Management:

http://www.cag.uconn.edu/plsc/soiltest/AdaptiveManagement.php

Link to protocols about establishing on-farm strip trials for nitrogen:

http://www.agry.purdue.edu/ext/ofr/protocols/PurdueNTrialProtocol.pdf