



USDA-CSREES 2006 National Water Quality Conference

AGRICULTURAL PHOSPHORUS MANAGEMENT FOR WATER QUALITY PROTECTION: ON-LINE EDUCATIONAL AND INFORMATION

Phosphorus is an essential nutrient for crop production. However, P losses in runoff from agricultural land to surface waters often results in increased growth of aquatic vegetation. Cutting-edge research information needs to be disseminated quickly and effectively to address this P management issue. To meet this challenge, educational and informational resources have been developed for improved P management for water quality protection. Four web based lessons targeted to technical service providers and students of upper undergraduate and MS level are available at <http://croptechnology.unl.edu>. Certified crop advisors and technical service providers can earn one CEU for each lesson completed. In addition, a regional (EPA 7) publication "Agricultural Phosphorus Management and Water Quality Protection in the Midwest" was co-authored by 11 specialists from land grant universities and ARS and is available online. Educational resources, information, and planning and management tools for Nebraska are available at <http://cnmp.unl.edu>. Finally, the Heartland Regional Water Coordination Initiative offers information on P management for EPA Region 7 at <http://www.heartlandwq.iastate.edu/default.htm> in its Animal Manure Management and the Nutrient and Pesticide Management sections.

Author: Charles Wortmann

Coauthor(s): Charles Wortmann, Deana Namuth and David Tarkalson