

# **Integrated Nutrient Management Planning Software Tools. (S08-carpenter165558-Oral)**

## **Authors:**

- T.A.Carpenter - *Texas A and M University*
- S.E.Feagley - *Texas A and M University*

## **Abstract:**

To date Texas has certified approximately 150 Certified Nutrient Management Specialists through the Texas Cooperative Extension / Natural Resources Conservation Service Nutrient Management Certification Short Course. As more specialists are certified and the demand for nutrient management planning services increases, there is a need to simplify and standardize plan preparation. To that end, TCE and USDA-NRCS agronomists in Texas have been developing a set of web based tools to aid in nutrient management planning. This web-based software package is currently in the process of being integrated into a comprehensive, one-stop website for nutrient management issues in the state of Texas. Web site design and functions will be discussed. Integrated software tools, menus, and web resources for Certified Nutrient Management Specialists in the State of Texas will be demonstrated and discussed. Sample output will be displayed and difficulties in development and deployment will be described. Tools to be discussed in the presentation include the Waste and Nutrient Utilization Planning tool, the CORE 4 planning tool, the Inorganic Fertilizer Planner, Poultry Producer tool, the Automated Texas P Index, Liquid-Solid Estimator, and the Big Gun Application worksheet.

## **Corresponding Author Information:**

Todd Carpenter  
Texas A and M University  
2474 TAMU  
College Station, TX 77843-2474

phone: 979-862-4457  
fax: 979-845-0604  
e-mail: [tcarpent@tamu.edu](mailto:tcarpent@tamu.edu)

## **Presentation Information:**

Presentation Date: Wednesday, November 13, 2002  
Presentation Time: 9:00 am

## **Keywords:**

Nutrient Management, Phosphorus Index, Waste Utilization, Planning