Soil Fertility Workshops Set For Dumas, Jonesboro

LITTLE ROCK, ARK.

Row crop producers can get deep into the dirt at a pair of soil fertility workshops set for Feb. 12 at Arkansas State University, and Feb. 13, in Dumas, Ark.

Both workshops begin at 9 a.m. Registration is $50, including lunch, and participants should register online at www.regonline.com/Soil_Fertility_Workshop.

The workshops are sponsored by the Arkansas Plant Food Association, the University of Arkansas System Division of Agriculture and Arkansas State University.

Taking soil samples is an important part of crop production.
(U of Arkansas System Division of Agriculture file photo by Leo Espinoza)

"Both workshops cover different topics related to soil fertility and are tailored for the areas in which they're being held," said Leo Espinoza, extension soil scientist for the University of Arkansas System Division of Agriculture. "Last year's workshops were a success and we have put together programs that will satisfy the needs of many of our producers and crop consultants."

The Feb. 12 workshop at Arkansas State University's Convocation Center, red entrance, includes:

- Cover crops – Steven Green, Arkansas State University
- Spatial field soil variability – Ole Wendroth, University of Kentucky
- Corn fertility – Leo Espinoza, U of A Division of Agriculture.
- Peanut fertility management – Julie Howe, Auburn University
- Phosphorous and potassium management – Nathan Slaton, U of A Division of Agriculture
- N-ST*R, or nitrogen soil testing in rice – Trent Roberts, U of A Division of Agriculture
- Water quality in eastern Arkansas – Thad Scott, U of A Division of Agriculture.

The Feb. 13 workshop at the Dumas Community Center includes:

- Introduction and Basic Review of Soil Fertility – Trent Roberts
- Phosphorus and Potassium Review – Nathan Slaton
- Nutrient Cycle, Soil Reactions, Building/Depleting Soil Test Levels, Fertilizer Sources, Fertilizer Recovery Efficiency.
- Soil Sampling and Variability within Fields – Leo Espinoza
- Soil Test Reports and Recommendations - Nathan Slaton
- The Nitrogen Cycle – Rick Norman
- Review of Old and New Fertilizer Technologies - Morteza Mozaffari, assistant professor, U of A Division of Agriculture
- Water Quality Issues – Mike Daniels, project director for Discovery Farms

For more information, contact Leo Espinoza at lespinoza@uaex.edu, or 501-671-2168. Δ

Soil sample boxes and a device that pulls up soil cores.
(U of Arkansas System Division of Agriculture file photo by Leo Espinoza)