May 25, 2016

To All Involved In Corn Production:

You are invited to attend a Field Day featuring an on farm corn demonstration with ESN® (Environmentally Smart Nitrogen). We will meet at the field located just off of Hwy 139 North of Pollard (Keith Woolverton farm) on Thursday, June 2nd beginning at 10:30 a.m. The coordinates of the field are 36.461599, -90.271611. Travel 2 miles north on highway 139 out of Pollard and take the field road to the left or West. A sign will be posted at the road.

ESN® SMART NITROGEN is a urea granule coated with a flexible polymer coating. The coating protects the nitrogen from loss mechanisms and releases nitrogen in response to soil temperature. ESN’s polymer membrane allows moisture to diffuse into the granule, creating a nitrogen solution. The solution moves out through the membrane at a rate that is controlled by soil temperature.

Below are the treatments in the field, these are large strips replicated 3 times across the field:

1. 200 Units (444 lbs.) ESN pre plant incorporated per acre
2. 57 gallons of 32% sidedress (V4-V6) per acre
3. 40 units of nitrogen preplant (90 lbs. urea) followed by 50 lbs. urea + 50 lbs. or ammonium sulfate early followed by 36 gallons of 32% sidedress (V4-V6) per acre

Note: the entire field received 100 lbs. of ammonium sulfate (21 units of N) preplant plus P and K, 21N-46P-90K-24S

Speakers will include:
Stewart Runsick-County Extension Agent-Interim Staff Chair
Kevin Lawson-Area Agronomist-Corn and Grain Sorghum Verification Coordinator
Jason Kelley-Wheat and Feed Grains Extension Agronomist
Trent Roberts-Assistant Professor of Soil Fertility
Morteza Mozaffari-Assistant Professor

The Arkansas Cooperative Extension Service is an equal opportunity/equal access/affirmative action institution. If you require a reasonable accommodation to participate or need materials in another format, please contact your County Extension office (or other appropriate office) as soon as possible. Dial 711 for Arkansas Relay.

Sincerely,

Stewart Runsick
County Extension Agent – Interim Staff Chair