

Oklahoma Certified Crop Adviser Program  
CEU Training

Tuesday, August 20, 2019

Pheasant Run Golf Club  
1702 Clubhouse Dr, Enid OK

***Don't come up short . . . Soil & Water/Nutrient Management CEUs are available!***

- 9:00 a.m. Registration
- 9:30 a.m. **Nutrient Management in Wheat to Optimize Yield and Protein**  
*Discuss agronomic practices (including fertilizer application timing, fertilizer application amount, fertilizer source, and fertilizer placement) that will economically affect wheat grain yield and grain protein.*  
Josh Bushong, Area Extension Agronomy Specialist, Oklahoma Cooperative Extension Service, OSU  
[One Nutrient Management CEU](#)
- 10:30 a.m. **Recent Trends in Soil and Water Conservation**  
*Will look at recent trends in soil and water conservation practices. Discuss soil health principles and conservation practices that address those principles. Will also touch on precision ag and how that is changing how some practices are viewed and adopted.*  
Caleb Stone, Conservation Agronomist, USDA NRCS  
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- 11:30 a.m. Lunch
- 12:00 p.m. **Stratification of Nutrients, pH and OM in No-Till**  
*This talk will share data on the variance of nutrients and soil properties horizontally across a field and also discuss the magnitude and implication of nutrient and soil property (pH, OM) stratification in a no-till field*  
Dr. Brian Arnall, Precision Nutrient Management Extension Specialist, Oklahoma State University  
[One Nutrient Management CEU](#)
- 1:00 p.m. **Remediation of Nitrates, Ammonium and Pesticides in Soil and Water**  
*This presentation will cover the use of an electron donor, specifically sugar for remediation of nitrate and ammonium plumes in groundwater below fertilizer storage facilities. Additionally, we will discuss the use of bio retention areas for removal of pesticides, nitrate and ammonium nitrogen in irrigation tail waters. Finally, we will review phytoremediation of nitrate and ammonium nitrogen from soils.*  
Kenny Naylor, Director Consumer Protection Services, Oklahoma Dept of Agriculture, Food & Forestry  
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Register at [www.oklahomaag.com](http://www.oklahomaag.com)

For those wishing to schedule tee times following the training session please call 580-233-3535