SOIL 4234 G\* Graduate Credit Project

As a graduate student you must learn how to write and interpolate scientific papers. One skill that more often than not is not taught is the ability to transfer research to the masses. The extension of research results is one of the three legs of the Land Grant Triangle (Research, Teaching, and Extension). Extension is simply the transfer of information from the University to the public. Extension publications must be written in a manner in which someone with minimum education (not higher ed) can understand and apply. For your graduate credit in SOIL 4234 you will pick a Nutrient Management subject matter and write an extension publication. In addition you will be required to review at least two other papers.   
Authors will have the option to take the final product and publish it through the OCES (Oklahoma Cooperative Extension Service) system as a Fact Sheet, Current Report, or Production Technology. Publishing through OCES will require more review and editing, but it will provide students with a popular press first author publication.

**Student Obligations**

One or two authors per paper  
Paper length 2 to 5 pages, 12 font, double space  
Includes images and or tables  
Each paper will be reviewed by at least two other students and each student must review two papers

**Due Dates**  
Title **Sept 10**  
Rough Draft **Oct 17**  
Final Draft **Dec 5**

**Potential topics/subject matter**

Papers can be based off of trials or data you have personally collected. If this is done Advisor approval and review is needed for OCES publication.

Planting after Anhydrous Application  
Nutrients in Rainfall  
NH3 Volatilization from Urea Fertilizers  
Forms of Fertilizers  
Fertilizer Salt Index  
Anhydrous Ammonia applications impact on Mico-Biological activity  
Alfalfa fertilization  
Soil acidity and N fertilization  
Soil acidity and No-till  
Soil acidity and Bermuda grass production  
Whatever you are interested in