



## Managing Soil Nutrients for Pastures and Hayfields

Tuesday, March 5, 2019

Noble Research Institute Kruse Auditorium, Entry 5

2510 Sam Noble Parkway

Ardmore, OK 73401

### Agenda

12:30 p.m.	Registration	
1 p.m.	Soil Testing -Sample collection -Analysis -How to read the report and what the numbers mean	James Locke, soils and crops consultant
1:30 p.m.	pH and Liming - pH and its relationship to crop productivity and nutrient availability -When is lime needed? -How much do I need? -Can I use too much? -What is a good lime?	Eddie Funderburg, soils and crops consultant
2:05 p.m.	Break	
2:20 p.m.	Nitrogen -What does N do in plants? -N transformations and losses -N sources and rates (also calculating price/lb of N from various sources)	Eddie Funderburg, soils and crops consultant



3:05 p.m.	Phosphorus -What does P do in plants? -Methods of P tie-up in soils - P sources and rates	James Locke, soils and crops consultant
3:25 p.m.	Potassium -What does K do in plants? -How is K held in soils? -K sources and rates	Eddie Funderburg, soils and crops consultant
3:45 p.m.	Questions and Discussion	