



## Soil Test Interpretation & Recommendations: Maximizing Return on Investment

*The cost of managing soil fertility is changing with the price of fertilizer and the increased demand for nutrients needed by the increasing yields we harvest. Understanding soil fertility basics will help you better manage crop nutrients!*

**August 22, 2019**

9:00 a.m. to 12:00 p.m.  
*Lunch served at Noon.*

Northwest Iowa Research  
Farm, 6320 500th St,  
Sutherland. Located 1/4 mile  
east of Highway 59 on B-62,  
about two miles south of  
Calumet, O'Brien County.

*Presented by Joel DeJong,  
Field Agronomist with ISU  
Extension and Outreach.*

Sessions will focus on:  
Crop Nutrient Removal  
Calculations; Soil Sampling;  
Reading/Interpreting Soil  
Test Recommendations;  
Fertilizer Calculations;  
Secondary/Micronutrients;  
Soil pH and Lime  
Recommendations.

Join us to:

- Understand how crops respond to different soil nutrient levels in Iowa soils.
- Learn how soil tests are done and what they mean.
- Discover what research shows about crop response to different soil test levels.
- Calculate how much phosphate and potash your own crop removes from the soil.
- Understand the chances of getting a return on your fertilizer investment when you know your soil test results.
- Know when you can and cannot alter fertilizer application rates to match your purchasing needs.
- Understand soil management decisions so you can be a better fertilizer consumer.

◆ *Remember, if you grew 250 acres of 200 bushel corn and 250 acres of 50 bushel beans year, your grain harvest removed over 12.5 tons of phosphate and almost 13 tons of potash. Managing that right can be very valuable to you!*

### Registration Information

Pre-registration is required by **August 15**. To pre-register, call 712-546-7835 or email [jldejong@iastate.edu](mailto:jldejong@iastate.edu). Enrollment is limited to the first 30 registrants. Registration fee of \$40/person, and includes publications, copies of the presentation, and lunch.

*The fees for service will be used to off-set direct expenses and to support the Agricultural Extension program.*

**Questions?** Call ISU Extension and Outreach Plymouth County at 712-546-7835.