



## Northwest Research and Demonstration Farm Field Day

**WEDNESDAY, JULY 11, 2018** 9:00 a.m. Check-in Registration  
9:30 a.m. Program Begins

### **On the Edge—Bioreactor and Saturated Buffer Models**

*Iowa Learning Farm Staff*

### **Iowa Water Quality and Research at the NW Research Farm**

*Matt Helmers, ISU Ag and Biosystems Engineering Professor*

### **Surrogate Nitrate Measurement Methods**

*Girma Birru, Post-Doctoral Associate in the ISU Department of Agronomy*

### **Iowa Windbreak Management**

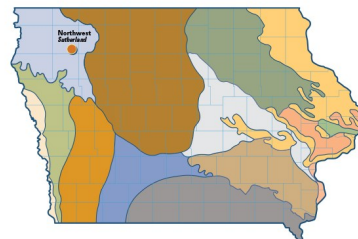
*Jesse Randall, ISU Extension Forestry Specialist*

### **Agronomic Issues from the 2018 Growing Season**

*Joel DeJong and Paul Kassel, ISU Extension and Outreach Field Agronomists*

Following the program, lunch will be provided for a minimal charge.

Northwest Iowa Research Farm  
6320 500th St.  
Sutherland, IA 510581



Located 1/4 mile east of Highway 59 on B-62, about 2 miles south of Calumet, O'Brien County

### **Questions?**

For more information, contact ISU Extension and Outreach Field Agronomist Joel DeJong at 712-546-7835 or [jldejong@iastate.edu](mailto:jldejong@iastate.edu).



The Northwest Iowa Research Farm Annual Report can be accessed online at <http://farms.ag.iastate.edu/content/northwest-research-and-demonstration-farm>