

**July 9, 2019 Advisory Board Meeting
NDSU-Hettinger Research Extension Center
Agronomy Update – John Rickertsen**

2019 Research Projects

Variety/Hybrid Performance Trials:

<i>Winter Wheat</i>	<i>Winter Rye</i>	<i>Soybean</i>	<i>Safflower</i>
<i>Spring Wheat</i>	<i>Field Pea</i>	<i>Canola</i>	<i>Sunflower</i>
<i>Durum Wheat</i>	<i>Chickpea</i>	<i>Flax</i>	<i>Corn</i>
<i>Barley</i>	<i>Lentil</i>	<i>Hemp</i>	
<i>Oats</i>	<i>Dry Beans</i>		

Off Station Yield Trials:

Trials located at Scranton, Regent, and Mandan. These trials are located with farmer cooperators and with the USDA-ARS Northern Great Plains Lab at Mandan. Crops tested are spring wheat, durum wheat, barley and soybean.

Plant Breeding Nurseries & Advanced Trials:

Nurseries & advanced yield trials are planted for the following breeding programs.

NDSU Spring Wheat	NDSU Field Pea
NDSU Winter Wheat	NDSU Lentil
Syngenta Spring Wheat	NDSU Canola
Regional Spring Wheat	Regional Barley
	NDSU Soybean

Agronomy Studies:

- Spring Wheat Seed Treatment.
- Hybrid Spring Wheat Seeding Rate.
- Soybean Population in 30" & 7" rows.
- Soybean Nitrogen & Inoculant Trial.
- Management of Fusarium Root Rot of Field Peas and Wheat with Crop Rotation.
- Durum Wheat Planting Date, Fusarium Head Blight.
- Lentil Fertility
- Lentil Seed Treatment
- Lentil Variety Response to Root Disease

Equipment:

- New plot drill with John Deere 90 Pro series openers is on order, hoping for September delivery.
- New plot combine purchased by spring wheat project to be housed at HREC for white wheat project, will also be housing a plot drill for this project.