

**July 7, 2020 Advisory Board Meeting**  
**NDSU-Hettinger Research Extension Center**  
**Agronomy Update – John Rickertsen**

**2020 Research Projects**

**Variety/Hybrid Performance Trials:**

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<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	NDSU Soybean
Regional Barley	
BASF Juncea (brown mustard)	

**Agronomy Studies:**

- Spring Wheat Seed Treatment.
- Soybean Population in 30" & 7" rows, population 20,000 – 180,000.
- Management of Fusarium Root Rot of Field Peas and Wheat with Crop Rotation.
- Spring Wheat and Durum fungicides for scab control.
- Lentil Fertility.
- Lentil Seed Treatment.
- Lentil Variety Response to Root Disease.
- Cover crop blocks and demo plots.

**Equipment:**

- New John Deere 5090R to handle new plot drill expected to be delivered late July.