



NDSU Langdon Research Extension Center Report – SBARE

December 12, 2023

Langdon REC 2023/25 Legislative Update

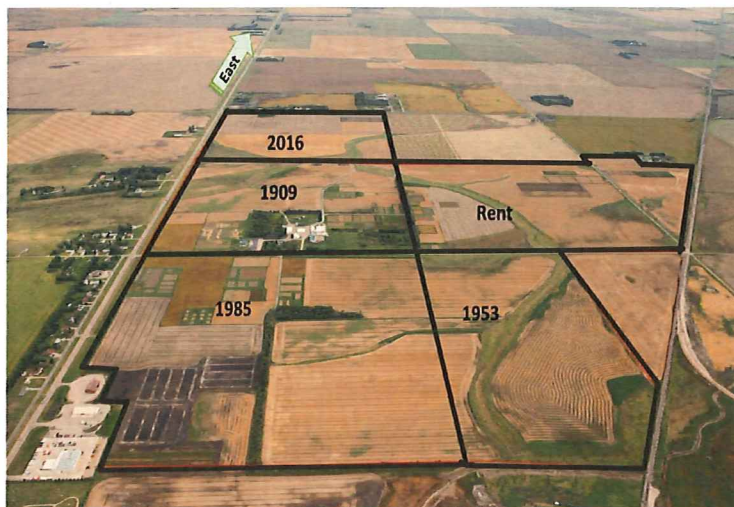
- August 2023 Larissa Jennings began working as a canola clubroot research specialist.
- Have secured architectural drawings for new greenhouse and are awaiting to submit bids in January per architect recommendations.
- Storage shed site along with specifications and bids are identified and will bid project around January. Expect completion by fall 2024.

Langdon REC AES Research Programs

- Since 1983, Bryan Hanson, research agronomist, has been conducting agronomy research programming on all crops grown in our region with an emphasis on canola. He has built a very solid and trustworthy agronomy research program at Langdon.
- Plant Pathology research program focuses on diseases of crops in North Dakota. Our climate is the epicenter of crop disease incidence making Langdon an ideal disease research site.
- Foundation Seed production provides growers with superior upper midwest crop varieties.
- Support Fargo main station crop breeders and others with the development of new ND crop varieties and other technologies.

Langdon REC Extension Program

- Cropping systems specialist prioritizing agent training, grower questions and IPM surveys.
- Soil Health specialist continues to prioritize extension agent/grower soil health education through on field testing and remediation.





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NDSU Langdon Research Extension Center 2025/27 Programmatic Priorities

- North Dakota Ag Experiment Station—Thank You!
- NDSU Extension—Thank You!
- **HOWEVER**, inflation and other factors have devastated our base budgets. Funding fixed (day to day) costs has not kept pace with the funding of new and existing AES and Extension programs and initiatives and inflation. A much needed increase in funding for fixed costs to keep the doors open is the LREC’s only request.

NDSU Langdon Research Extension Center Capital Projects Priorities

1. An Updated Foundation Seed Conditioning System.



- 60 years old.
- Workforce safety hazard.
- Inefficient at 15 bu/hr.
- In the past 10 years have sold foundation grade seed to 135 customers.
- NDPSC mandates a semi sized scale by end of 2026.
- LREC averages \$224,171.80 of FSS program income per year (last five years).
- HRSW, soybeans, flax, barley. Pulses, grasses, others unable to clean.

**ND County Crop Improvement and Seed Association (NDCISA) Resolution
NDCISA Annual Meeting, February 14, 2023**

Whereas,

The Langdon REC is one of five NDSU foundation seed producing centers serving ND producers,

Whereas,

The Langdon REC has been producing foundation grade seed for over 60 years providing NEND growers with the highest quality seed available,

Whereas,

The NEND district of the NDCISA produces the highest volume of seed in ND,

Whereas,

County Crop Improvement Associations, seed companies, independent growers and others depend on foundation grade seed to fund their operations in the future by being able to sell registered and certified seed,

Whereas,

The seed cleaning system and equipment at the Langdon REC is over 60 years old, worn out, inefficient at 15 bushels per hour capacity and unable to condition crops such as pulses and others,

Whereas,

Being able to grow and condition and sell foundation grade seed brings a huge economic benefit to the regions agricultural industry,

Therefore be it Resolved,

The membership of the NDCISA supports the construction of a new foundation seed cleaning facility to allow the Langdon REC to continue producing foundation grade seed for growers in ND.