

2021/23—ND SBARE Report and Priorities

NDSU Langdon Research Extension Center

November 14, 2019

2019/21 LREC Research Efforts

Bryan Hanson—Agronomist

Dr. Venkat Chapara—Plant Pathologist

Randy Mehlhoff—Foundation Seed

- Agronomy research on all crops grown in northeast ND.
- Enhanced emphasis on canola research.
- Strong effort testing new/alternative crops.
- Strong support for main station scientist research projects and breeding efforts.
- Cooperative research with other REC's.
- Manage off station research trials and conduct field days in Nelson, Pembina, Towner and Ramsey counties.
- Bee Vectoring Technology for disease control using honey bees.

HIGHLIGHTS

- BMP'S of Hemp Production
- BMP's of Faba Bean Production
- 16 Crop Varieties Raised under FSS
- U.S. leader in canola clubroot control research

2019/21 LREC Extension Efforts

Lesley Lubenow— Extension Agronomist

Naeem Kalwar— Extension Soil Health

- Primarily serve as a resource for county extension agents regarding agronomic issues and soil health.
- Serving nine counties in northeast North Dakota.
- Responsible for field scouting throughout growing season to quickly identify emerging pests.
- Transformational education bringing extension agents, growers, industry and extension specialists together for soil health education all the way from sampling to analysis to possible soil health improvement practices.





NDSU Langdon Research Extension Center SBARE Requests — 2021/23 Biennium

NDSU Langdon Research Extension Center 2021/23 Programmatic Priorities

- **Enhancing Research Capacity** (Was SBARE's #3 priority during 2019/21 legislative session).
- **Technical support to address increased crop diseases threatening the canola industry and other crops in ND.** (canola clubroot and bee vectoring technology).



NDSU Langdon Research Extension Center Capital Projects Priorities

- **Small Greenhouse Addition to Existing Lab** (Retrofitted for addition when built in 2016).
- **Equipment Storage Shed** (to protect over \$1,000,000 of specialized equipment).

