

Langdon REC House Appropriations (EE) Testimony – March 9, 2021

LREC

- **Langdon REC Agronomy Research Program Recent Impacts**
- 2017 Hail Event destroyed 100,000 acres of soybeans on June 9.
- RMA Forced Growers to Replant up to July 5. Nothing Matured.
- LREC Data on Soybean Planting Date Helped Change Replant Date to June 20 in NEND. Soybean Growers and Insurance Agents Very Thankful!
- Research Continues to Further Identify the Term “if practical” (New Language Inserted by RMA Regarding Soybean Replant Decisions).

LREC

- **Langdon REC Plant Pathology Research Program Ongoing Impacts**
- Discovered Canola Clubroot in 2015 in Dominant Canola Growing Region.
- Clubroot is a Genuine Threat to the Canola Industry!
- Ongoing Crop Scouting has Identified the Clubroot “Hotspots” in ND.
- Practical Measures to Minimize Clubroot are Being Passed on to Growers.

LREC

- **Langdon REC Foundation Seedstocks Program Meets Demand**
- Since 1960 Processed NDSU Breeder Seed of Flax, Barley, Durum, HRSW
- Beginning 2015 NEND Experience Dramatic Increases in Crop Acreage of Soybeans and Other Pulse Crops.
- By 2017 We had Invested Over \$100,000 to Modify our FSS to Properly Handle Pulse Crops.
- Sold out of Pulse Crop Seed Last Two Years!

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- **Langdon REC Extension Soil Health Program Impacts**
- Focus on Remediating Unproductive Lands into Productive Soils.
- Worked with 122 Producers in 12 Counties to Begin Remediating Unproductive Soils on 329 Severely Unproductive Sites.
- Generated \$100,000 in Donations to Install Field Tiles on a 25 Acre Unproductive Site to Provide Data on the Effects of Tiling Saline and Sodic (Unhealthy) Soils.

LREC

- **Langdon REC Impacts Researching Emerging Crops**
- Langdon REC Played an Important Role Bringing Durum Production and Processing to ND. Langdon was the Heart of the Durum Triangle.
- Research to Find Rotational Crops for Durum Began in the 1970's Resulting in Canola Production in our Region. We are the Canola Capital of the USA!
- Langdon REC Only Location Allowed to Conduct Hemp Production Research from 2014 to 2019. Pioneer Growers now Testing the Waters.

LREC

- **Langdon REC Top Priority Budget Requests for 2021/23**
- Hold Even Budget in the 2021/23 Biennium for NDSU Research and Extension.
- If Possible Budget Wise, Fund Recommended Priorities Identified by the State Board of Agricultural Research and Education in Their Needs Based Budget.