



2025 RUSSET BURBANK TRIALS

3x ROI
plus reduction in nitrogen

Location: Inkster, North Dakota

Conducted by North Dakota State University

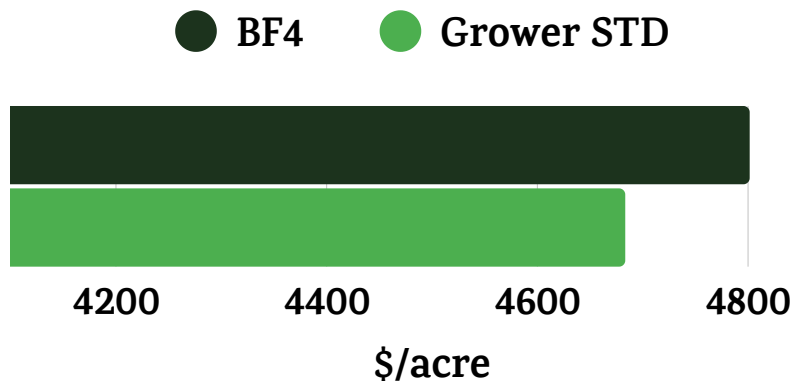
TRIAL DESIGN

- Evaluate BF₄ on yield at reduced nitrogen levels
- Four-row plots (20 ft each) arranged in a randomized complete block design with four replicates.

RESULTS

- **Increased payable yield** by **15 cwt/acre**
- **Decreased cost of nitrogen (46-0-0)** by **50#/acre**, leading to decreased soil degradation, enhanced nitrogen-use efficiency, and supporting more sustainable nutrient management

Profit



Yield

