2016 RESEARCH SUMMARY

Actual research information may be seen at http://www.larsongrain.com/index.cfm?show=10&mid=118

Conducted by Larson Grain Company, Lamoure ND

5 locations were used with 1 location loosing validity due to flooding

Conclusions on 4 locations:

Type of test: In-furrow addition of the Energy –Pack from Micro-Energy LLC to 10-34-0 pop-up starter

Rate of Energy-Pack. Double rate as the label called for a double rate in high residue enviroments. Corn on corn.

Cost of double rate: $5.00 per acre. Sugar was added per instructions at a rate of 10 pounds to 80 acres.
Cost of sugar: 6 cents per acre

Location 1: LaMoure ND Irrigated Corn: **10 bushel increase in yield**.

Location 2: Englevale ND Dryland corn: **10.4 bushel increase in yield**.

Location 3: Wishek ND Dryland Corn: **21.2 Bushel increase in yield**. Note: this field had hail damage.

Location 4: LaMoure ND Dryland Corn: **20.8 Bushel increase in yield**.

Average across 4 replicated plots was **15.6 Bushel increase in yield**.

Farmer side by side trial at Buffalo ND location in corn.

Rate: single rate

Cost of single rate $2.50 per acre

Yield with Energy-Pack in-furrow with starter fertilizer. 213.86 bushels per acre. Moisture 17.74

Yield without Energy-Pack in furrow with starter fertilizer. 205.28 bushels per acre. Moisture 18.12

Yield increase: 8.58 bushels.

Farmer side by side trial at Hope ND location in corn.

Rate: single

Cost $2.50 per acre

Yield with Energy-Pack in furrow with starter fertilizer. 235.9 Moisture 23.32

Yield without Energy Pack in the starter fertilizer. 231.0 Moisture 23.33

Yield increase: 4.9 bushels.