

Micro-Energy 2018 “Energy-Pack” Research Summary

Research Company: Agri-Tech Consulting Whitewater, WI Timothy Maloney, PhD

Objective: To determine if the addition of Energyzer CS (active ingredients is “Energy-Pack”) and water and or 6-24-6 starter would influence corn yields positively or negatively.

Field Trial: Each plot was replicated 4 times.

Research Trial:

Plant date was 5-10-18. Harvest date was 10-26-18. Yields were adjusted to 15% yield.

1st test plot: 3 gallons of water applied in furrow
Ave. moisture 17.87 Ave. test weight 57 Ave. Yield 224.31

2nd test plot: 5 gallons of 6-24-6 applied in furrow
Ave. moisture 17.78 Ave. test weight 57.1 Ave. Yield 228.19

3rd test plot: competitive bio-stimulant in furrow at 12.8 oz/acre
Ave. moisture 17.98 Ave. test weight 57.2 Ave. Yield 231.58

4th test plot: Energyzer CS applied in furrow at 16 oz/acre with water total 3 gpa.
Ave. moisture 17.9 Ave. test weight 57.2 Ave. Yield 230.65

Other data obtained Stand, vigor, lodging, harvest grain moisture, yield and test weight.

Cultivar: DKC 49-72

Equipment: SRES 4 row precision vacuum planter.

Rate 35,000 seeds/acre

Depth: 2.25in.

Plot size: 10' x 50' = .011 acres

Conclusion: Energyzer CS had a 6.34 bushel advantage over water.

A similar yield response to the competitive product was found. The competitive product has a \$6. Per acre higher input cost than Energyzer CS.