



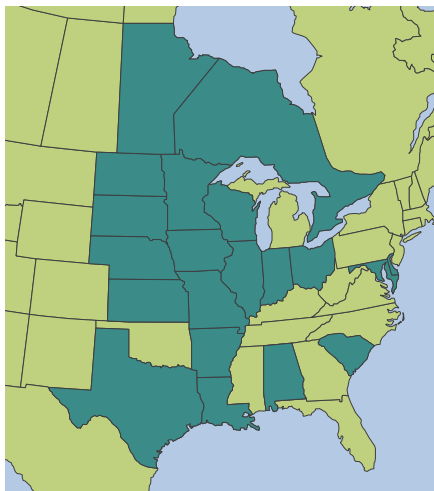
MicroEssentials® SZ® vs. DAP Blend

Objective

- Evaluate the yield response of corn to MicroEssentials® SZ® (12-40-0-10S-1Zn) compared to DAP (18-46-0) + AS (21-0-0-24S) + ZnSO₄ (0-0-0-16S-36Zn).

Overview

- Balanced crop nutrition is critical for corn production.
- MicroEssentials SZ supplies nitrogen (N), phosphorus (P), sulfur (S) and zinc (Zn) in one nutritionally balanced granule.
- MicroEssentials' patented Fusion® technology process creates a unique chemistry that results in increased nutrient uptake and crop yield compared to alternative sources.



LOCATIONS: 44 trials across the U.S. and Canada
 United States: AL, AR, DE, IA, IL, IN, KS, LA, MD, MN, MO, ND, NE, OH, SC, SD, TX and WI
 Canada: MB and ON

Trial Details

Locations and Crop Management:

CROP: Corn (*Zea mays*)

YEARS: 2008–2013

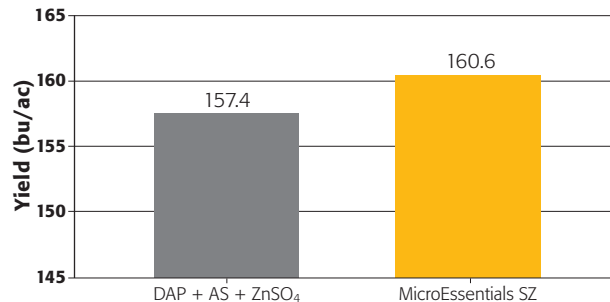
DATA SOURCE: Field studies conducted by university and/or third-party, independent researchers.

CROPPING CONDITIONS:

- **P Rate:** 65–90 lbs P₂O₅/ac
– Balanced across treatments
- **Zn Rate:** DAP blend – 5 lbs Zn/ac

Results

Corn Yield Response



Summary

- MicroEssentials SZ outperformed DAP + AS + ZnSO₄ by 3.2 bu/ac (2.0%) on average, across all locations.
- Access additional yield data, and calculate your ROI potential at MicroEssentials.com/Performance.



3.2
bu/ac

Increase with MicroEssentials SZ over DAP + AS + ZnSO₄



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Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible.

For more information, go to MicroEssentials.com.

Delivering the Best All Season Long.

MicroEssentials is uniquely designed to deliver nutrients evenly across the field, while delivering more value by increasing nutrient uptake. Plus, while most blends and sulfur-enhanced fertilizer products contain sulfate sulfur alone, MicroEssentials delivers season-long sulfur availability through its combination of both sulfate and elemental sulfur.