



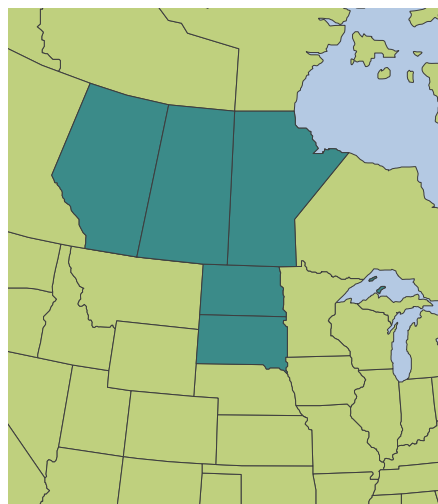
MicroEssentials® SZ™ vs. MAP Blend

Objective

- Evaluate the yield response of spring wheat to MicroEssentials® SZ™ (12-40-0-10S-1Zn) compared to MAP (11-52-0) + AS (21-0-0-24S) and MAP.

Overview

- Spring wheat is typically grown in the northern Great Plains and Western Prairie Provinces of Canada.
- MAP is a common phosphorus (P) fertilizer applied to spring wheat.
- MicroEssentials SZ is a premium fertilizer that provides uniform nutrient distribution of nitrogen (N), P, sulfur (S) and zinc (Zn), including a season-long supply of sulfur.



LOCATIONS: 44 trials across U.S. and Canada
 United States: ND and SD
 Canada: AB, MB and SK

Trial Details

Locations and Crop Management:

CROP: Spring Wheat (*Triticum aestivum*)

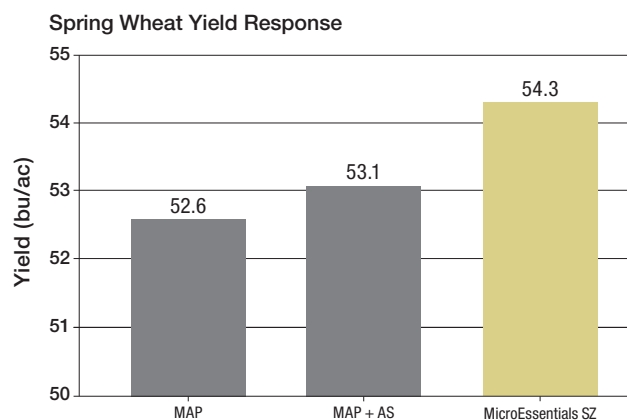
YEARS: 2004–2013

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

CROPPING CONDITIONS:

- **P Rate:** 33–45 lbs P₂O₅/ac
 – Balanced across all treatments

Results



Summary

- MicroEssentials SZ outperformed MAP + AS by 1.2 bu/ac (2.3%) and MAP by 1.7 bu/ac (3.2%), on average, across all locations.
- Access additional yield data, and calculate your ROI potential at MicroEssentials.com/Performance.



1.7
bu/ac

Increase with MicroEssentials SZ over MAP

1.2
bu/ac

Increase with MicroEssentials SZ over MAP + AS



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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.