



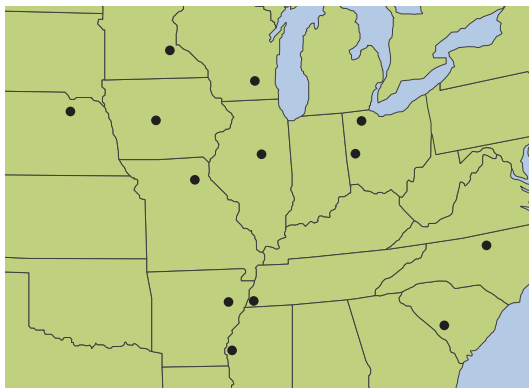
# Aspire® Soybean Fall vs Spring Broadcast

## Objective

- Evaluate soybean yield response to Aspire® (0-0-58-0.5B), MOP (0-0-60) and a MOP + Granular B (0-0-0-14.3B) blend in fall vs. spring applications.

## Overview

- Muriate of Potash (MOP) is a common potassium (K) fertilizer used in soybean production.
- Micronutrients such as boron (B) are essential for plant growth and are often overlooked in efforts to provide balanced crop nutrition.
- Granular B products can be blended with MOP, but application of these blends leads to undesirable B distribution.
- Aspire is a premium K fertilizer that uses Nutrifirm® technology to combine potash along with two forms of B (fast and slow release) in every granule. This combination delivers B uniformly for uptake throughout the growing season, and provides a flexible application window compared to other B sources.



**LOCATIONS:** 15 trials across the following states - AR, IA, IL, MN, MO, MS, NC, NE, OH, SC, TN, WI

## Trial Details

### Locations and Crop Management:

**CROP:** Soybean (*Glycine max*)

**YEARS:** 2018-2020

**DATA SOURCE:** Field studies conducted by third-party, independent researchers.

**EXPERIMENTAL DESIGN:** Small-plot RCBD with 4 replications.

### Cropping conditions:

All trials conformed to local cropping practices

**P Rate:** As required by soil test

**K Rate:** 60 lbs K<sub>2</sub>O/ac applied as MOP or Aspire

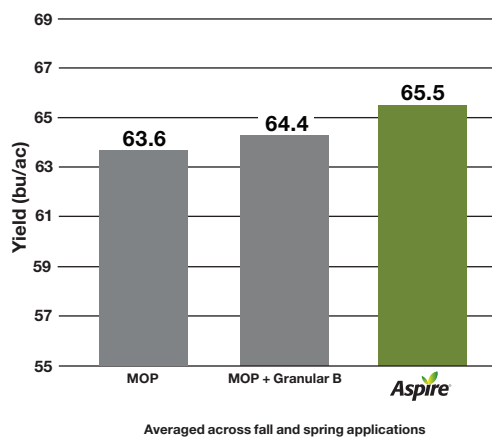
**B Rate:** 0.5 lb B/ac applied as Granular B or Aspire

**Application Timing:** Fall or Spring

**Application Method:** Broadcast Incorporated

## Results

### Soybean Yield



## Summary

- Soybean yield increased with the addition of B.
- Across 15 site-years, Aspire increased soybean yield 1.9 bu/ac over MOP and 1.1 bu/ac over MOP + Granular B averaged across fall and spring applications.
- Aspire with two forms of B demonstrates the value of uniform nutrient distribution and season-long B availability for a flexible application window and greater soybean yields.



**1.9**  
 bu/ac

Increased yield with Aspire over  
 MOP Fall & Spring application



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**WARNING:** Contains boron. Use of boron may result in crop injury. DO NOT place this product in direct contact with the seed. For more information, go to [AspireBoron.com](http://AspireBoron.com).

SoybBSR18-20