



Aspire® Alfalfa Yield Trials

Objective

- Evaluate the yield response to Aspire® (0-0-58-0.5B) compared to MOP (0-0-60).

Overview

- MOP is commonly used as a potassium (K) source in alfalfa production.
- In addition to K, alfalfa removes approximately 1.5 oz boron (B) per ton of dry matter.
- Granular B products can be blended with K, but application of these blends often leads to undesirable distribution.
- Aspire is the first-of-its-kind micronutrient-enhanced potash fertilizer. Formed using innovative Nutriform® technology, Aspire premium potash combines potassium and boron in each granule to help achieve balanced crop nutrition.

Trial Details

Locations and Crop Management:

CROP: Alfalfa (*Medicago sativa*)

YEARS: 2013–2016

LOCATIONS: 20 trials
 United States – CA, ID, IL, MN, NY, OH, SD, WI

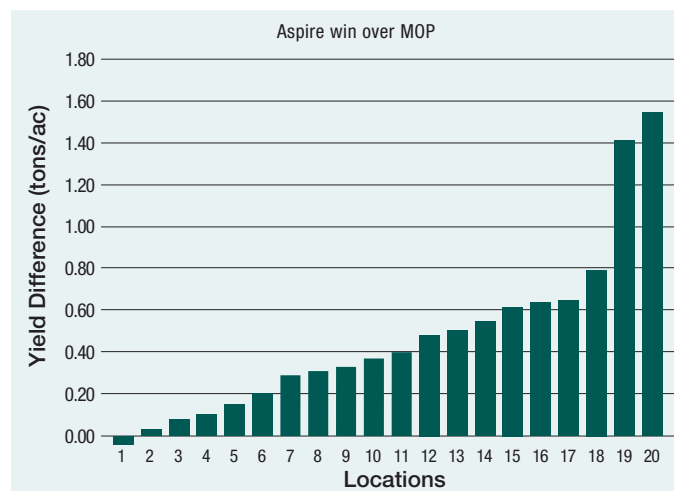
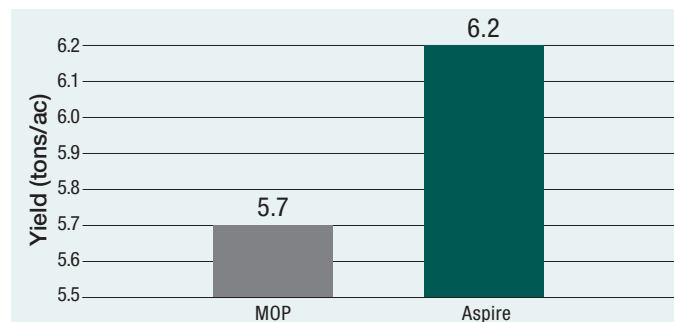
DATA SOURCE: Field studies conducted by third-party, independent researchers.

EXPERIMENTAL DESIGN: Small-plot RCBD with 4 replications.

CROPPING CONDITIONS: Trials conformed to local cropping practices and were conducted on an established stand.

- **P Rate:** As required by soil test.
- **K Rate:** 180 lbs K₂O/ac
- **B Rate:** 1.55 lbs B/ac
- **Application Timing:** Directly following first cutting.
- **Application Method:** Broadcast

Results



Summary

- Across 20 trials, Aspire outyielded MOP by 0.5 tons/ac.
- By combining K and B in one granule, Aspire reduces the risk of uneven application and improves nutrient use for maximum yields.

Aspire®

0.5
 tons/ac

Increase with Aspire over MOP



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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.

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 AspirePotash.com.

AlfaBOR+FRT-6986