



ON-FARM TRIAL RESEARCH INSTRUCTIONS

PURPOSE

Conduct an on-farm trial to demonstrate the value of Aspire® with Boron vs. traditional MOP. This eight-step process is a basic side-by-side trial, which allows you to evaluate yield differences between the two treatments.

- 1 Site Selection**—Select a field that is relatively uniform in terms of soil type, terrain, drainage, cropping history and fertility. Note: Avoid fields with a history of manure applications.
- 2 Soil Samples**—Collect soil samples and analyze for pH, OM, CEC, N, P, K, S, Zn and B prior to fertilizer application.
- 3 Fertilizer Application**—Apply a conventional fertilizer product at a flat rate on half of the field. On the other half, replace the potash source with Aspire. Make sure the lbs/ac of actual N, P₂O₅ and K₂O remain the same in both treatments.
- 4 As-applied File**—Gather as-applied file if available. Save to data card and submit to precision ag coordinator.
- 5 Planting**—Plant the entire trial area using the same hybrid/variety and planting rate.
- 6 Management Practices**—Manage and apply insecticide and fungicide as needed. Apply the same rate across entire trial area.
- 7 Yield Data**—Record yield for each treatment area using weigh wagon, grain cart scales or calibrated yield monitor.
- 8 Submit Data**—Submit data using the Mosaic data submission form and send to the Mosaic Technical Sales Manager in your area.

WARNING: Contains boron. Use of boron may result in crop injury. DO NOT place this product in direct contact with the seed. Use in accordance with recommendations of a qualified individual or institution such as but not limited to a certified crop advisor, agronomist, university crop extension publication or apply according to recommendations in your approved nutrient management plan. Do not exceed application rates that could be harmful based on soil type, crop sensitivity and fertilizer placement.

WHY ASPIRE®?

Aspire® with Boron provides uniform boron (B) distribution and can significantly improve root development, nutrient uptake, pollination and crop quality.

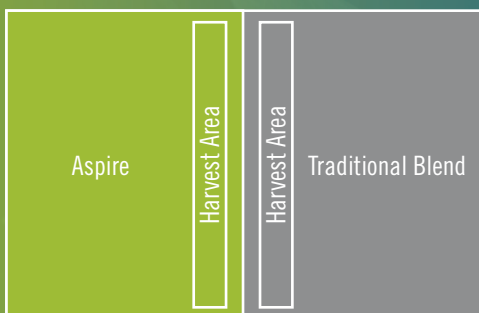
PERFORMANCE LEVEL NUTRITION

Aspire is a superior boron delivery system that combines two forms of boron with potassium into one granule for season-long availability. Formed using Nutriform® technology, Aspire is proven to increase yields across a variety of crops and soil conditions.

BOOST YOUR YIELDS AND YOUR PROFITS

Aspire increases yields and return on investment. By providing essential nutrients at the right time and distributing them evenly across the field, Aspire delivers maximized yields and increases profitability for your advanced crop production operation.

EXAMPLE SIDE-BY-SIDE TRIAL



Contact your Mosaic Technical Sales Manager for alternative trial designs.

> For more information, visit AspireBoron.com
or contact your Mosaic Technical Sales Manager.