



Closing the Yield Gap with Micronutrient Management

Ross Bender
Sr. Agronomist – Eastern NA
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What is MicroEssentials?

MicroEssentials provides the right mixture of nutrients in a ratio that optimizes yield and profitability.

MicroEssentials[®]
SZ

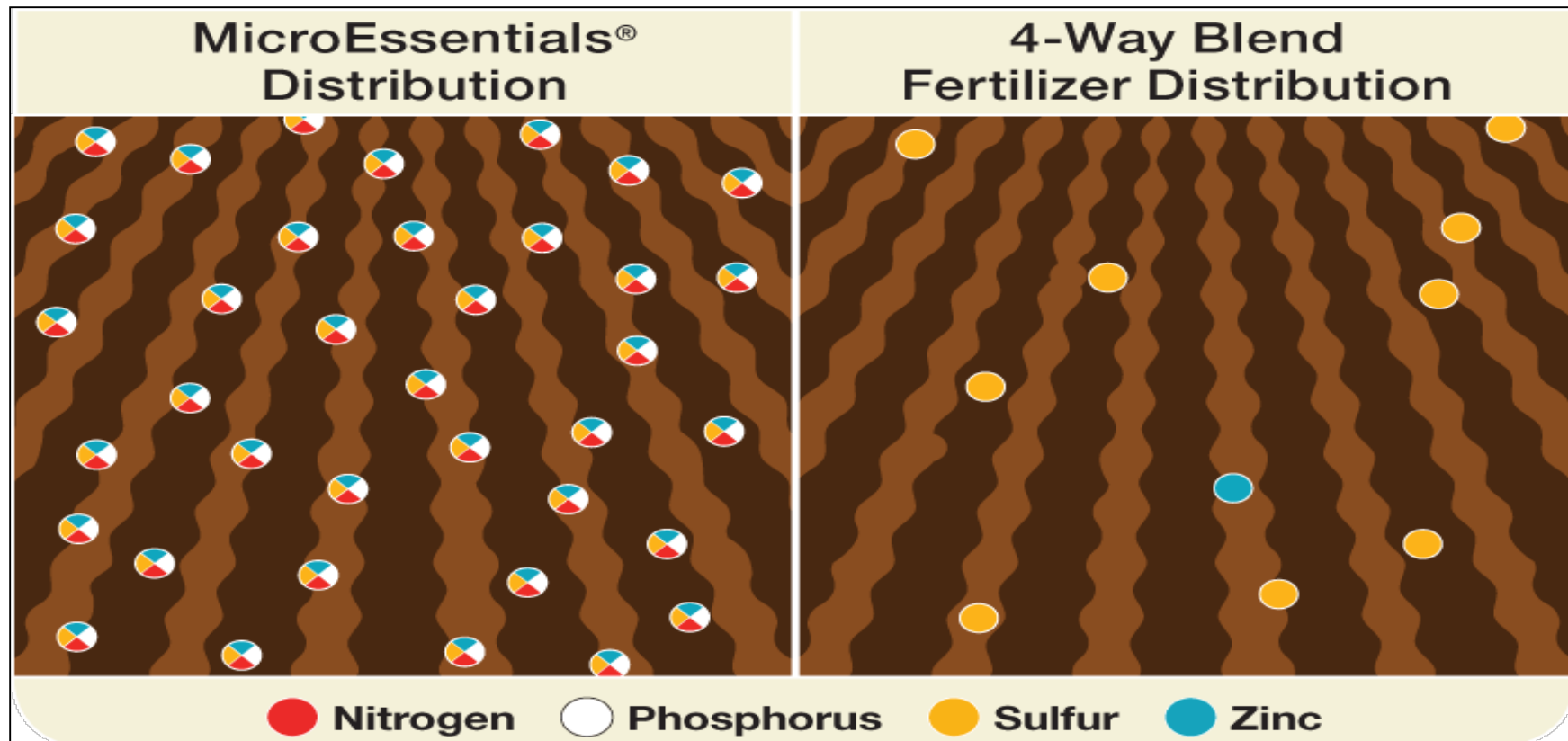
THE NEXT
GENERATION
OF FERTILIZER



Total Nitrogen	12%
Total Phosphate	40%
Total Sulfur	10%
<i>Sulfate Sulfur</i>	(5%)
<i>Elemental Sulfur</i>	(5%)
Total Zinc	1%



Uniform Nutrient Distribution

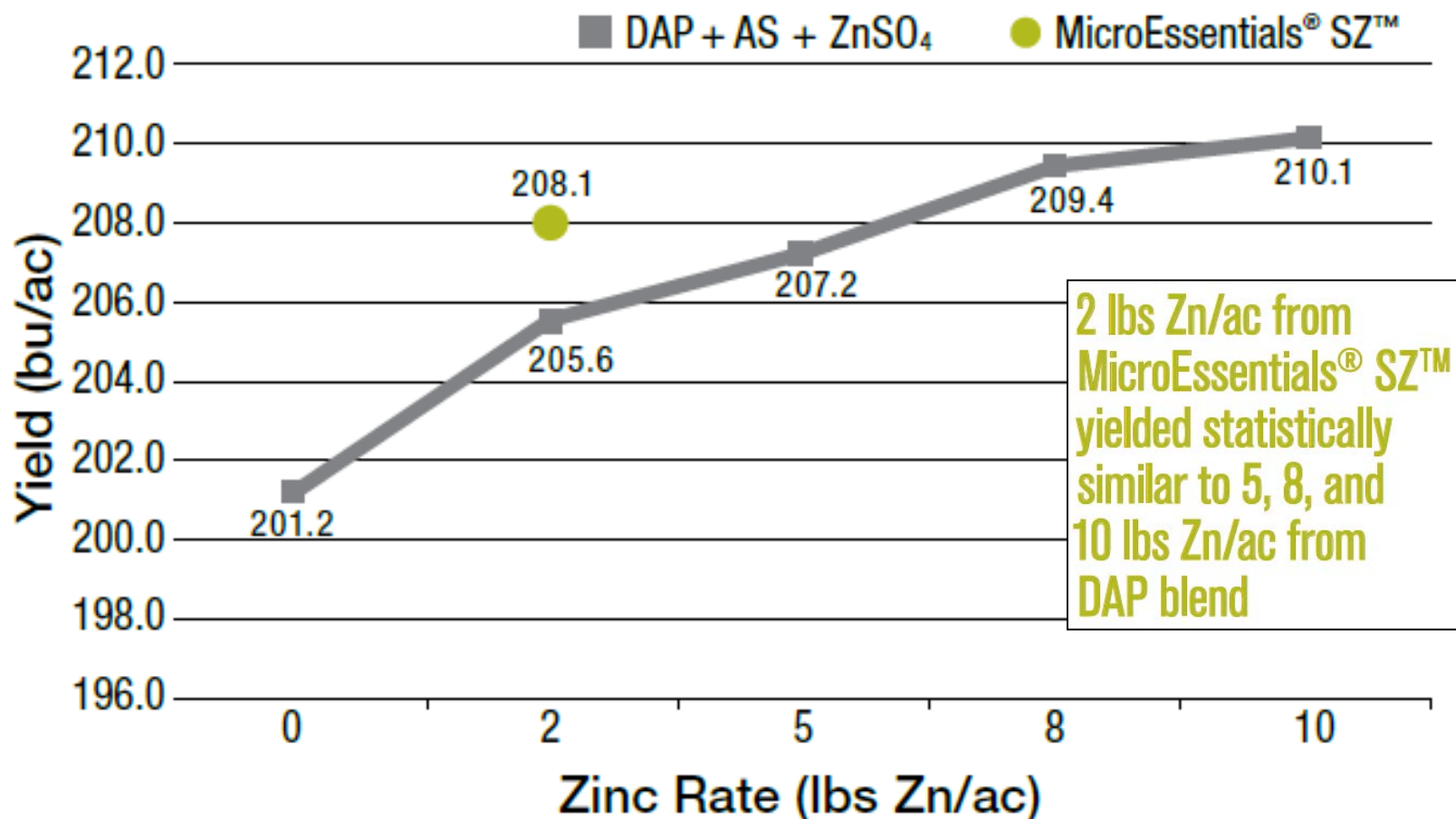


Each MicroEssentials granule delivers key nutrients in a ratio best suited for plant growth and productivity



Uniform Distribution of Zinc Increases Grain Yield

Rice Yield at Varying Zinc Rates



Increased Application Efficiency of B

Aspire™

Analysis:

- Soluble Potash (K_2O) 58.0%
- Boron (B) 0.5%

Derived from Muriate of Potash (MOP) and sodium borate.

Characteristics:

- Bulk Density (loose): 64 lb/cu foot
- Angle of Repose (degrees): 36
- SGN: 305
- UI: 50

WITH INNOVATIVE
Nutriform™
TECHNOLOGY



Aspire™

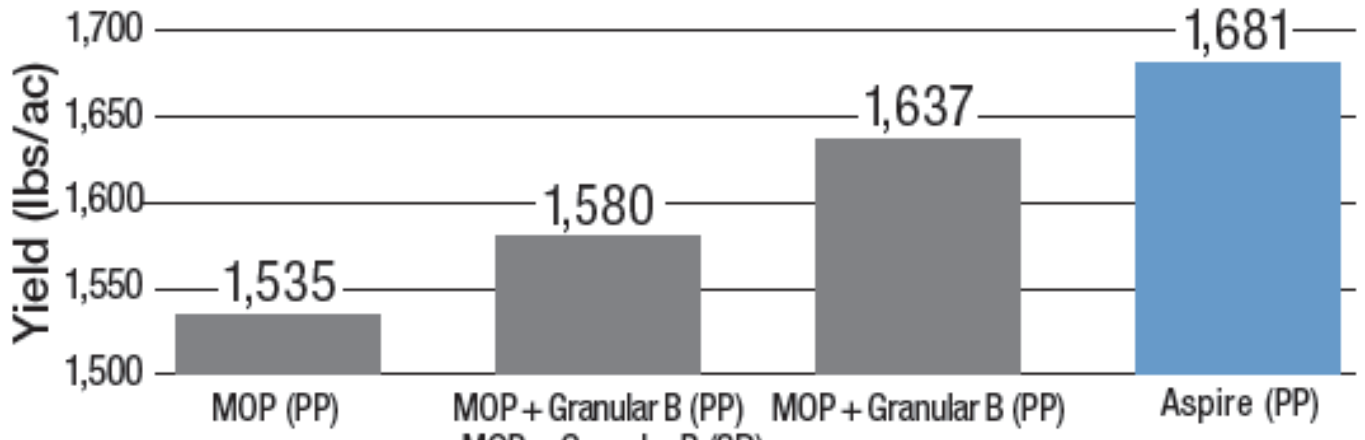
Mosaic

Yield Responses over Potash: Sugarcane, Cotton, Soybean

Super Yield 2019 Plant Care Over

58
n = 8 trials

Cotton Yield by Treatment



146
lbs lint/ac

Increase with preplant Aspire over MOP

44 lbs lint/ac

Increase with preplant Aspire over MOP + Granular B

Rate:				
lbs K ₂ O/ac	90	60 + 30	90	90
lbs B/ac	0	1.0 + 0.5	1.5	0.75

MOP **MOP + Granular B** **Aspire**
 Check MUP Aspire





Sincere Thank You

- Harold Lambert, Denise Wright
- LATMC Participants

For more information, please visit...

Twitter: [@RossRBender](#)

Crop Nutrition: www.cropnutrition.com



CropNutrition.com

