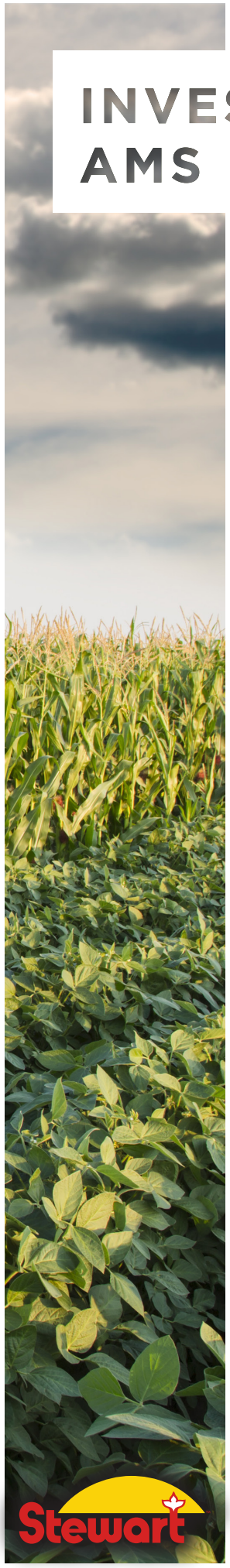


INVESTIGATING PRE-PLANT AMS IN CORN AND SOYBEAN

PURPOSE: Characterize response to Pre-plant AMS (Ammonium Sulfate) applications in corn and soy.

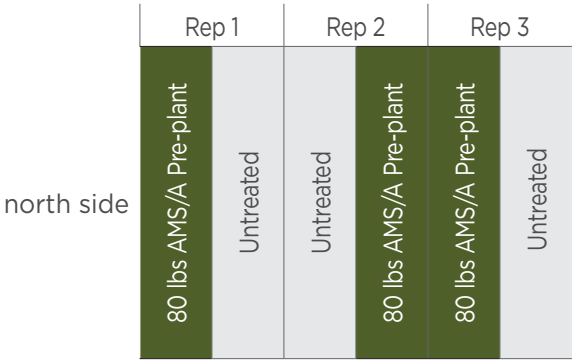
Cooperator: Seib Farms
Location: Posey, IN
Soil Texture: Silt Loam

Planting Date: 5/25/20
Row Width: 20
Tillage: CV

Previous Crop: Corn
Soy Variety: 4029R2X
AMS Application Date: 5/29/2019

INSTRUCTIONS:

- Spring spread 80 lbs AMS/A sometime prior to planting, leaving out replicated check strips..
- Flag or record these passes and checks with spatial mapping display.
- Plant corn or soybeans in the strips and record yield and moisture results at harvest.



RESULTS AND DISCUSSION:

Treatment	Yield	Moisture
AMS	73.7	12.1
Untreated	74.3	12.1
Average	74	12.1

Although there was no statistical difference between treatments, numerically, there was a .6 BU/A deficit to the AMS treatment. Physically, no difference could be detected. No advantage to the approximately 20 units of sulfur applied via spreader of granular AMS.