

Field Trial Report

2011 Molybdenum Source Study: SEAREC



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FIELD INFORMATION			
Field Name: Y2	Acres: 5	2010 Crop: corn	2011 Crop: Soybeans
Soil type: Duffield	Field Length: 800	Tillage: No till	Planting Date: 5/10/11
Soybean Variety: Pioneer 93M11	Seed Treatment: Trilex plus Gaucho	Inoculants: Optimize	Planting Depth: 1inch
Planter/Drill and width: 10 foot 7 inch JD1250 drill		Herbicide: Glyphosate+ Canopy f/b Glyphosate	
Sprayer/width: 20	Combine/width: 15	Yield Monitor: No	GPS capability: N
Guidance system: No	Design: Randomized Completer Block	3 replications	

TREATMENTS EVALUATED

1. Untreated Control: Apron Max RTA
2. Apron Max RTA plus Moly
3. Seed Treatment: 2.5 oz. per 50 pounds of seed, equivalent to .5 oz. actual molybdenum per 60 pounds of seed. Foliar: 6 oz. per acre equivalent to 1 oz. actual molybdenum per acre

This study was conducted to compare an alternative source of Mo to a seed treatment, which showed some benefit in 2010. In this trial, we found no response to either Mo source.

RESULTS

Treatment	Yield	Moisture	Test Wt.
	Bu/ac	%	Lb/bu
Control: Apron Max RTA	54.2	16.4	53.0
Apron Max RTA plus Moly	53.7	16.4	53.6
Seed Trt and Foliar Mo	54.7	16.2	52.9
CV (%)	4.6	0.9	1.3
Significant	NS	NS	NS

Notes: Conditions were dry in Late July and August. Disease and insect pressure was low