



access Application through FurrowJet in Corn

Precision Planting: Pontiac, IL

Experiment Info:

Planted:	6-8-2019
Harvest:	10-18-2019
Yield Goal:	200
Target Fert.:	
Variety:	DKC 54-38
Population:	36000
Row Width:	30"
Prev. Crop:	Soybean
Plot Size:	0.1 acres
Replications:	3

Soil Test Values (ppm):

pH:	6.1
CEC:	20.9
%OM:	3.4
Bray P1:	37
Bicarb P:	
K:	252
S:	16
%K:	1.6
%Mg:	12.7
%Ca:	65.8
%H:	21.2
Zn:	1.8
Mn:	27
B:	0.2

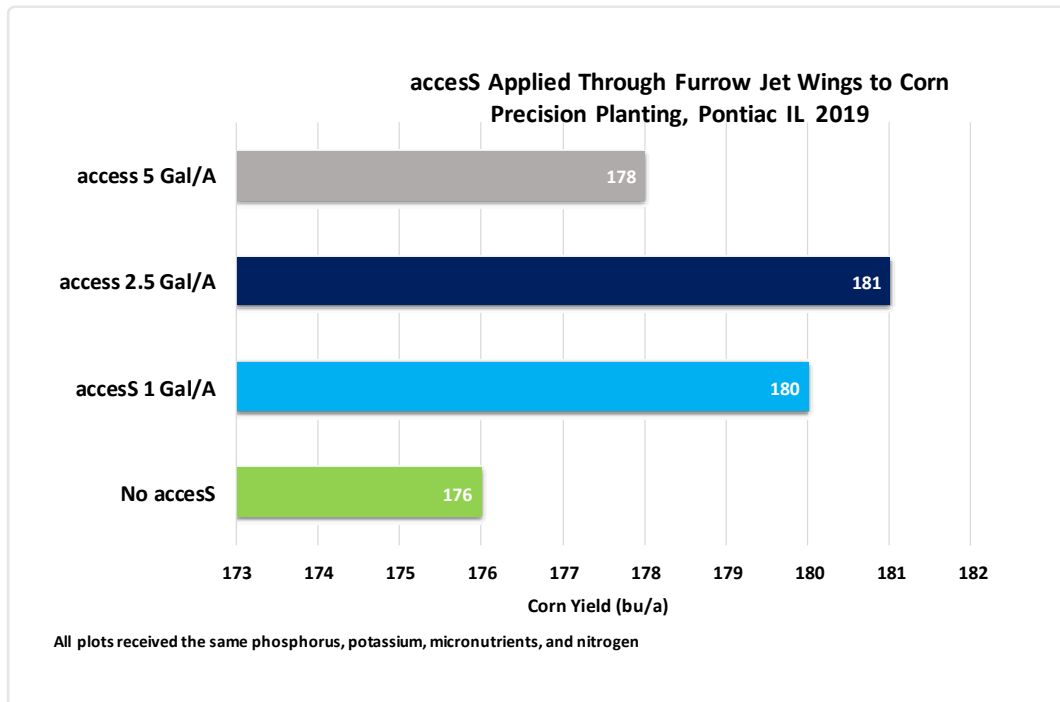
Objective:

This is a cooperative trial conducted by Precision Planting in Pontiac, IL

Determine safe use rates for access sulfur fertilizer applied through the wings of Furrow Jet.

access is a high efficiency sulfur product designed to provide sulfur nutrition. It is not generally recommended for in-furrow applications on corn due to the potential for crop injury. Furrow Jet technology, by Precision Planting, offers the opportunity to place access through the side "wings" of the applicator so that the product is in close proximity to, but not directly on the seed.

This trial evaluated the crop safety and yield response of access applied through the winds of Furrow Jet at rates of 0, 1, 2.5, or 5 gal/acre.



Conclusions:

- No stand reduction or other crop injury was observed during the course of the trial.
- Corn yield was higher with 1, 2.5, or 5 gal/acre access applied through Furrow Jet wings compared to no access. However, yield in the 5 gal/acre treatment was lower than yield in the 1 or 2.5 gal/acre treatments. This indicates there is a crop safety limit of access applied through the Furrow Jet at around 2.5 gal/acre.