



2015 Wisconsin In-Furrow fertilizer product comparison Wm. Ehrlinger - QLF Plot, Hanover, WI

Experiment Info:

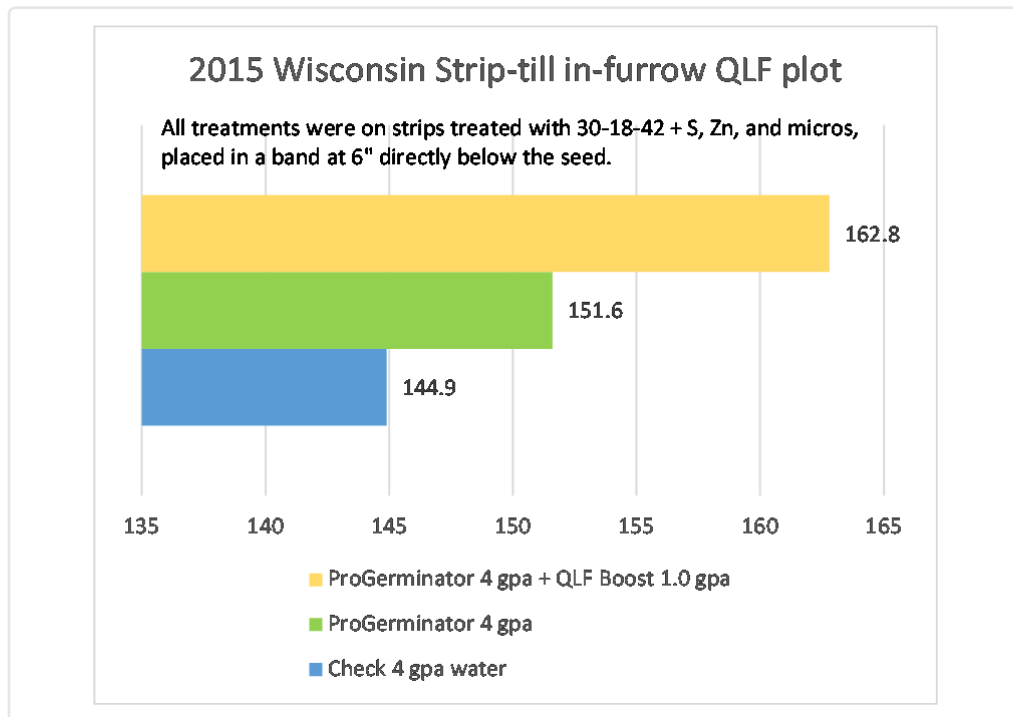
Planted:	5/2/2015
Harvest:	
Yield Goal:	210
Target Fert.:	
Variety:	
Population:	34,000
Row Width:	30
Prev. Crop:	Soybeans
Plot Size:	30.27
Replications:	9

Soil Test Values (ppm):

pH:	7.0
CEC:	19.2
%OM:	5.8
Bray P1:	23.5
Bicarb P:	
K:	96.2
S:	16.0
%K:	1.4
%Mg:	29.2
%Ca:	68.1
%H:	0
Zn:	1.7
Mn:	6.5
B:	0.8

Objective:

There were two primary objectives of this plot. The first was to compare the yield response to Pro-Germinator applied in-furrow over strips that had a large amount of banded nutrients placed at 6" directly below the seed against a check with just water. The second objective was to determine the mixability of Pro-Germinator with a QLF company biological material called Boost. This was a QLF sponsored and administered plot but with oversight by Dan Peterson. They were very pleased with the mixability of Pro-Germinator with their product.



Conclusions:

- Pro-Germinator at 4 gpa resulted in markedly better early season growth and color vs. 4 gpa water as the check. It also resulted in tasseling approximately 10 days earlier than the check. There were 9 replications across the field. Unfortunately the soils on this field are poorly drained and excessive June rains resulted in many areas of the field exhibiting N deficiency by August. These results are reported only because there were 9 replications across the field. The deep placed strip-till fertilizer on a per-acre basis was 30-18-42-48 S -4 Zn plus a micro-pak of Cu, B, Mn, and Fe. Pro-Germinator blended extremely well with the QLF product which was a testament to Pro-Germinator's mixability with other materials.