

EXPERIMENT INFO

Planted: 05/23/2016

Harvested: 10/05/2016

Variety: PS1670R2 with

CruiserMaxx

Population: 180,000

seeds/ac

Row Width: 10"

Prev. Crop: Corn

Plot Size: 30' x 1,590'

Replications: 3

SOIL DATA

pH: min: 6.1; max: 7.7

CEC: min: 5.7; max: 12.1

% OM: min: 2.5; max: 4.4

% P: min: 2.0; max: 4.0

% K: min: 1.9; max: 3.9

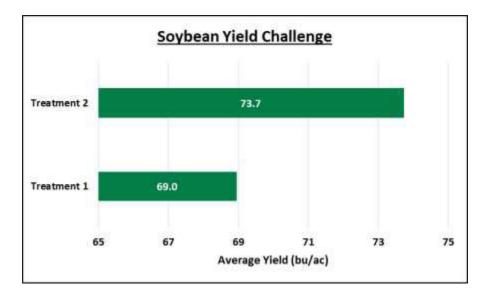
% Mg: min: 9.4; max: 16.1

% Ca: min: 57.6; max: 87.4

Liquid Fertilizer Soybean Yield Challenge

Objective:

The industry is actively searching for fertilizer programs to boost soybean yields, as we are able to do with corn. We explored two foliar feeding programs in an attempt to boost soybean yields.



	Treatment 1	Treatment 2
1 st app date	July 9 th	July 16 th
1 st app stage	3 rd trifoliate	4 th trifoliate
1st app program	2 GPA Sure-K +	2 GPA Ferti-Rain
	1 L/ac Micro 500	
2 nd app date	Aug. 8 th	Aug. 8 th
2 nd app stage	Full pod	Full pod
2 nd app program	0.12 L/ac Priaxor +	0.12 L/ac Priaxor +
	3 GPA Ferti-Rain	3 GPA Ferti-Rain

Conclusions:

As with the foliar feeding trial on black beans, the strongest yield results came with the treatment of 2 GPA Ferti-Rain applied at the 4th trifoliate stage and an additional 3 GPA Ferti-Rain applied at the full pod stage with the fungicide.