



Black Beans: In-Furrow

St. Johns, MI 26-502

Experiment Info

Planted: 5/30/2025

Harvested:

Yield Goal: 50 bu/A

Variety: Zenith

Pop.: 100,000

Row Width: 30"

Prev. Crop: Corn

Plot Size: 10X150ft

Reps: 4

Soil Test (ppm)

pH: 6.7

CEC: 14.7

%OM: 3.6

Bray P1: 7

Bicarb P:

K: 419

S: 10

%K: 7.3

%Mg: 14.1

%Ca: 77.2

%H: 0

Zn: 1.5

Mn: 5

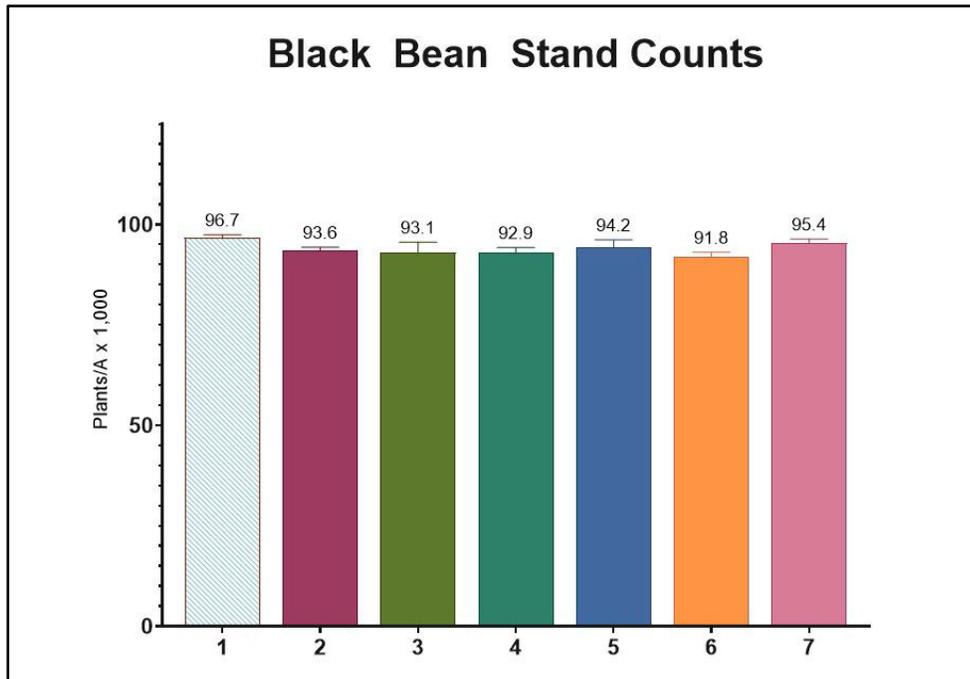
B: 0.2

Objective:

This study was conducted to determine the seed safety of in-furrow Agroliquid programs used in Black Beans. The treatments were applied with a dual stream smart firmer In-Furrow and in a 3x1x1 placement using conceal. Population data was collected on all treatments and compared to a no treatment control.

Treatments IF vs. Conceal:

1. No treatment
2. IF - Pro-Germinator 1.5 GPA + Sure-K 1.5 GPA + 0.25 GPA
3. Conceal - Pro-Germinator 1.5 GPA + Sure-K 1.5 GPA + 0.25 GPA
4. IF - Treatment 1 + eNhance 0.25 GPA
5. Conceal - Treatment 2 + eNhance 0.25 GPA
6. IF- Treatment 3 + 0.25 Mn
7. Conceal- Treatment 4 + 0.25 Mn



Average of 4 Replications: P-value 0.28

Conclusions:

No significant difference in populations across treatments. On average the treated plot had a lower population. No harvest data is available; this trial was at stage R2 from herbicide damage.