

Dry Bean Inoculant Trial

Trial ID: 2019-DBI01 – R.M. of Rhineland

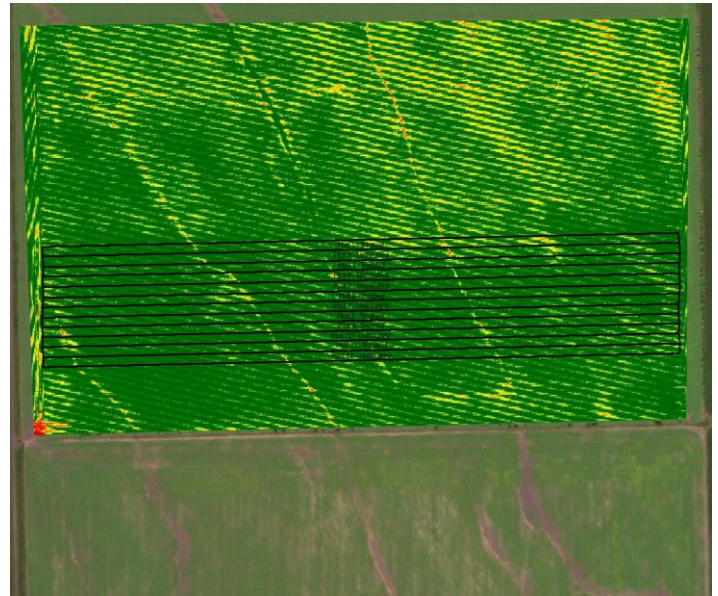
Objective: Quantify the agronomic impacts of seed applied inoculant in dry bean

Summary: Nodulation ratings at R1 did not differ agronomically between inoculated and non-inoculated dry beans. There was no significant yield difference between inoculated and non-inoculated dry beans.

Trial Information

Treatment	BOS Peat Inoculant
Years Since Dry Beans	14
Rural Municipality	Rhineland, RM of
Soil Texture	Clay
Previous Crop	Corn
Tillage	Conventional
Seeding Date	May 23
Variety	T9905
Seeding Rate	105 000 seeds/ac
Row Spacing	30"
Applied N	15 lb N/ac
Plant Stand @ V1	76 000 plants/ac
Harvest Date	September 19

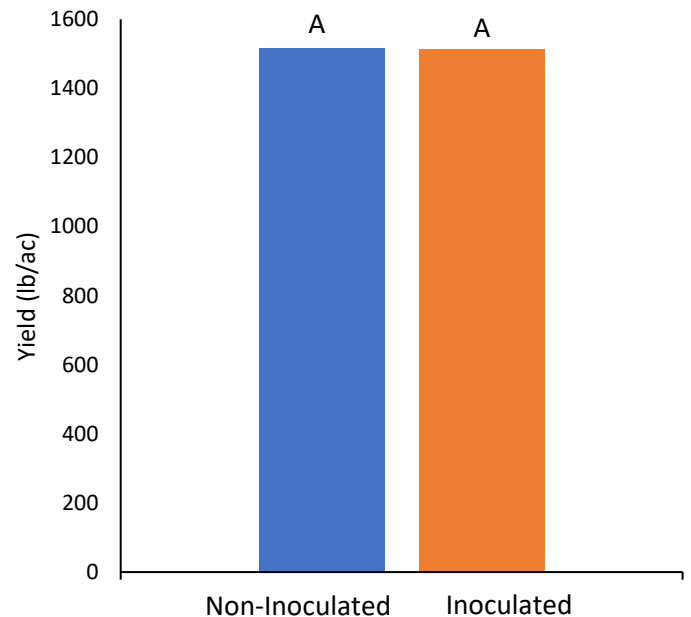
NDVI Field Image – July 7, 2019



Precipitation (mm)

	May	June	July	August
Normal	56.4	85.2	75.4	65.5
Rainfall	44.9	44.3	59.9	38.4

Yield by Treatment



Nodulation

	Average Nodulation Rating @ R1†
None	3.6
Single	3.4

† 0 = no nodules, 1 = Poor (<5/plant), 2 = Fair (<10/plant), 3 = Good (<20/plant), 4 = Excellent (>20/plant)

Overall Yield

	Mean (lb/ac)
Inoculated	1514
Non-Inoculated	1516
Yield Difference	2
P-Value	0.7654
CV	0.9%
Significance	No