



MinnesotaCorn

RESEARCH & PROMOTION COUNCIL

INNOVATION GRANT FINAL REPORT

PROJECT TITLE: Study of Pivot Bio In Replacing N in corn production

REPORTING PERIOD: 12/24

FARMER INNOVATOR: Les Anderson

COLLABORATING ORGANIZATION/PERSON: Todd Anderson, Ag Partners

PHONE NUMBER: 507-298-0150

EMAIL: lesanderson79@gmail.com

1.) PROJECT ACTIVITIES COMPLETED DURING THE REPORTING PERIOD. *(Describe project progress specific to goals, objectives, and deliverables identified in your project proposal.)*

My goal was to test Pivot Bio how Pivot Bio could help provide N in Corn production. I planted a field with one hybrid, with 130 pounds of N upfront with Pivot Bio, and the other strip with 130N upfront and not Pivot Bio. The strip with Pivot Bio had no sidedress, the one without had 50 LBS. I also had some fields where I had 180 lbs of N applied PP with Pivot Bio and some without.

2.) IDENTIFY ANY SIGNIFICANT FINDINGS AND RESULTS OF THE PROJECT. *(This could include photo documentation of the project at various stages if you haven't already provided these as well as final relevant images of the project at completion. Any data analysis (especially Level 3 Grants), graphics or record of observations throughout the growing season or during the field day event are also anticipated.)* My main plot the corn with PB and 130#N yielded 175 and the one without and 180# N yielded 171, a 4 bushel advantage. My other field had 4 plots, with yields advantages ranging from 5-12 Bushels for Pivot Bio, 180Lbs N applied up front. A final field had a 11 Bushel advantage with Pivot Bio.

3.) CHALLENGES ENCOUNTERED. *(Describe any challenges that you encountered related to project progress specific to goals, objectives, and deliverables identified in the project proposal.)* The cool wet spring brought some germination issues, and uneven stands which could have affected some of the results. greater than normal rainfall led to a lot of leaching, which seemed to favor Pivot Bio. Also a severe Tar Spot infestation affected yields quite a bit.

4.) EDUCATION AND OUTREACH ACTIVITIES. *(Describe any opportunities to engage with farmers, influencers or the media about your project.)*

5.) HOW CAN WE HELP? *(Please let us know how we can improve the experience for the next generation of projects.)*