

Smith Cover Crops

Bradford Township



Cover Crops

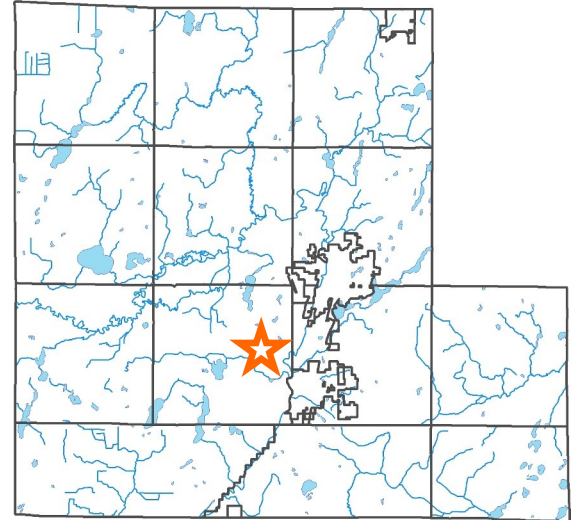
Project Summary

This project includes planting of a multi-species cover crop mix into standing soybeans. The cover crop mix was broadcasted into standing soybean field at leaf drop. This is the first year of a 3 year contract.

Cover Crop Mix:

- 12.3 lbs/acre Annual Ryegrass
- 1.1 lbs/acre Kale
- 1.1 lbs/acre Turnip

The goals of this program are to improve soil health by reducing erosion, improving soil structure, recycling nutrients, holding moisture, and increasing infiltration. Secondary benefits include the creation of wildlife habitat and carbon sequestration. The cover crops will continue to grow on the field before and after harvest to “harvest sunshine” longer.



Project Location

<u>Project Details</u>	<u>Project Funding</u>	<u>Pollutant Reduction</u>
<p>Target Water: Rum River Watershed</p> <p>Date Installed: September 28th, 2023</p> <p>Project Size: 30 acres</p>	<p>Funding Source: Rum River WBIF</p> <p>Funding: \$1,800 per year</p> <p>Total Funding: \$5,400</p>	<p>Phosphorus: 11.03 lbs/yr</p> <p>Sediment: 5.94 T/yr</p>



Cover crops growing in a field



Site visit with Dominic Smith and CentraSota to look at cover crops.