Crave Brothers Farms Sustainability Project Summary

Crave Brothers Farms LLC is located in East Central Wisconsin and has completed a three-year crop enterprise sustainability study. Sustainability measures included soil erosion, soil carbon, productivity, water quality, greenhouse gas emissions, energy use and biodiversity.

Data was collected and analyzed for the 2019 through 2021 crop years. 10% of the land farmed by Crave Brothers Farms LLC was analyzed using Field to Market's Fieldprint Platform and PTMApp to demonstrate their on-farm sustainability and impact on local water resources.

Crave Brothers Farms

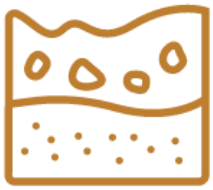
Analysis of 10% of all crop acres

Three years of crop data collection

On-Farm Sustainability

Excessive loss of nitrogen to groundwater was mitigated on **62% of project acres**

88% of fields had **cover crops** on them compared to **6% on all WI cropland**



2.1 tons/ac/yr of soil erosion for corn silage, **55% less** compared to **national indicator**

12% less CO_2e/ton of greenhouse gas emissions produced for corn silage compared to national average. That's equivalent to **5.5 gallons of gasoline consumed for each ton of corn silage grown**

Local Water Resources

- *Crawfish River*
- *Mud Creek*

Mud Creek is on Wisconsin impaired waters list for having too much sediment (TSS) and total phosphorus (TP).

The farm's use of sustainability practices **helps reduces sediment and phosphorus by 5% to Mud Creek**