

Project Summary

Lafayette Ag Stewardship Alliance (LASA) is a farmer-led conservation group that identifies and promotes farm conservation practices in southwestern Wisconsin.

Data was collected and analyzed from 15 farmers for the 2019-2021 crop years to demonstrate the efficacy and impact of local conservation on sustainability, farm finances and local water resources. The project is the first piloted in the Framework for Farm-Level Sustainability Projects, a guide developed by the group Farmers for Sustainable Food and other partners.



On-Farm Sustainability



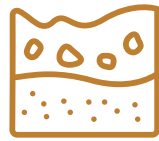
Nitrogen leaching to subsurface water mitigated in 88% of fields



13 farms or 80% use cover crops compared to 6% of cropland statewide



Corn grain fields that used manure had 9% lower greenhouse gas emissions per bushel of corn compared to fields that used no manure



3 tons/ac/year of soil erosion, 36% lower than national averages for corn silage

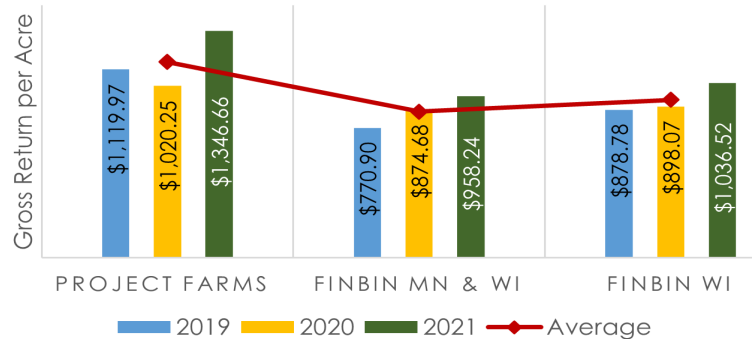
Farm Financials

3-year financial conclusions show stable yields and positive returns per acre when implementing conservation practices on farms.

Average of **5** Practices per Field

Top **6** Practices:
Grassed Waterways
Contouring
Cover Crops
Reduced Tillage
Stripcropping
No-Tillage

CORN SILAGE GROSS RETURN



Local Water Resources

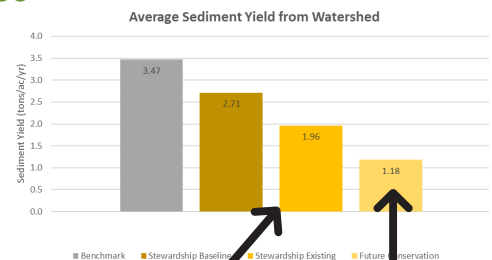
Silver Spring Creek

Trout Stream



Excessive Sediment

1,741 tons of sediment reduction needed to meet the State's water quality goal



LASA farms in Watershed (-28% from baseline)

Targeting additional cover crops (baseline)