



# Grant Progress Report

## Soil Health Cost Share 2023

**Grant Title:** 2023 - Soil Health Cost Share (Jackson SWCD)

**Grant ID:** P23-2692

**Grantee:** Jackson SWCD

**Fiscal Agent:**

**Grant Day-to-Day Contact:** Daniel Bartosh

**Grant Award (\$):** \$14,175.00

**Required Match (%):** 0

**Required Match (\$):** \$0.00

**Grant Execution Date:** 11/03/2022

**Grant End Date:** 12/31/2024

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$14,175.00	\$14,175.00	\$0.00
Match Funds	\$0.00	\$0.00	\$0.00
Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$14,175.00</b>	<b>\$14,175.00</b>	<b>\$0.00</b>

\*Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.

### Budget Details

Activity Name	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
Cost Share	Non-Structural Management Practices	Current State Grant	2023 - Soil Health Cost Share (Jackson SWCD)	\$14,175.00	\$14,175.00	\$0.00	N

## Indicator Summary

Indicator Category	Proposed Indicator	Total Value	Unit
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Indicator Category	Final Indicator	Total Value	Unit
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	5.24	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	1.88	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	27.36	Tons/Yr

## Grant Activities

Activity Name: Cost Share						
Activity Category: Non-Structural Management Practices					Staff time?: No	
<p><b>Description:</b> Funds will be used to provide flat rate cost share for soil health practices such as cover crops, strip till/no till, and tillage management. All practices will be planned and installed using the NRCS Field Office Technical Guide. Practices will be installed in high priority areas as identified in the Watonwan River Comprehensive Watershed Plan, the Des Moines Comprehensive Management Plan, the Missouri River Comprehensive Management Plan, or the Jackson County Comprehensive Local Watershed Plan. See attached non-structural agricultural practice policy for payment rates, etc.</p>						
Budget Details						
Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2023 - Soil Health Cost Share (Jackson SWCD)	\$14,175.00	\$14,175.00	\$0.00	11/07/2024	N

## Actual Results

A multi-specie blend was applied to acres. Blend included 2 types of clover, radish, turnip, and winter rye.

Seed was applied by aerial, also broadcast w/ rotary hoe.

2024 - 340 Cover Crop - 152.70 acres @ \$41.20 - West Heron Lake Sec 17 - SE1/4 2025 - 340 Cover Crop - 152.70 acres @ \$41.20 - West Heron Lake Sec 17 - SE1/4 2026 - 340 Cover Crop - 152.70 acres @ \$41.20 - West Heron Lake Sec 17 - SE1/4 same field/acres for 2024, 2025, and 2026. 2024-27

## Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Phosphorus (Est. Reduction)	5.24	Lbs/Yr
Soil (Est. Savings)	27.36	Tons/Yr
Sediment (Tss)	1.88	Tons/Yr

Activity Action Name: Liepold Farms LLC	Activity Count: 1
Practice Type: 340 - Cover Crop	Size/Units: 152.7 - Acres
TA Provider/JAA: SWCD	Lifespan: 3 Years
Practice Description: 2024 - cover crop 340 - SE1/4 2025 - cover crop 340 - SE1/4 2026 - cover crop 340 - SE1/4	Install Date: 08/17/2024
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	1.88	Bwsr Calc (Sheet And Rill)	Heron Lake
Soil (Est. Savings)	Tons/Yr	27.36	Bwsr Calc (Sheet And Rill)	Heron Lake
Phosphorus (Est. Reduction)	Lbs/Yr	5.24	Bwsr Calc (Sheet And Rill)	Heron Lake

## Activity Name: Education/Outreach

**Activity Category:** Education/Information

**Staff time?:** No

**Description:** Jackson County SWCD shall utilize grant dollars to help fund educational events such as the I-90 Soil Health Tour and the district's booth at the county fair.

A portion of the funds will be used for outreach via local newspapers, post card mailings, and the district's newsletter.

### Actual Results