

Quarterly Research Grant Report for MSR&PC

Project Title: Is soybean production affected by band and broadcast applications of P or K for corn?

Quarter: November 2023 – January 2024

Principle Investigator: Jeffrey Vetsch, Daniel Kaiser is a collaborator.

Tasks (deliverables) for This Quarter

Tabulate soil sample and soybean yield data and complete preliminary statistics. **Preliminary analyses were completed in January prior to MN Ag Expo.**

Create a research poster highlighting details of the study and present the poster at MN Ag Expo on January 18, 2024. **Completed poster and presented poster at Ag Expo.**

Write and submit quarterly (Nov-Jan) budget/progress report as directed by funding agency. **Report sent on February 9.**

Detailed Budget by Quarter

Salary categories (salaries/wages and fringe) are near their projected spending through the third quarter of the project (See table below). Additional spending for lab services (research plot fee, \$1,100) and travel (mileage, \$507 and MN Ag Expo poster/booth space rental, \$250) were billed during this period. The MN Ag Expo expense was assigned to travel because it's like a conference registration fee.

Budget summary for: MSR&PC PROJECT FY23 (SPA budget string 3006-11040-00106735)
Is soybean production affected by band and broadcast application of P and K for corn?

Budgeted and spent funds for each quarter during research year 2023-2024.

Category	Budgeted	Total	May-Jul '23	Aug-Oct '23	Nov-Jan '24	Feb-Apr '24
Salary	\$ 17,245.00	\$ 12,468.77	\$ 2,635.73	\$ 4,589.17	\$ 5,243.87	
Fringe	\$ 5,044.00	\$ 3,844.99	\$ 743.41	\$ 1,344.86	\$ 1,756.72	
Salary+fringe total	\$ 22,289.00	\$ 16,313.76	\$ 3,379.14	\$ 5,934.03	\$ 7,000.59	\$ -
Supplies	\$ 800.00	\$ 268.71	\$ 193.38	\$ 75.33		
Services, plot fee	\$ 1,100.00	\$ 1,100.00			\$ 1,100.00	
Services, lab	\$ 6,426.00	\$ 6,765.66	\$ 176.46	\$ 6,589.20		
Services & supplies	\$ 8,326.00	\$ 8,134.37	\$ 369.84	\$ 6,664.53	\$ 1,100.00	\$ -
Travel	\$ 1,508.00	\$ 1,375.36	\$ 530.59	\$ 87.77	\$ 757.00	
Total	\$ 32,123.00	\$ 25,823.49	\$ 4,279.57	\$ 12,686.33	\$ 8,857.59	\$ -

Total Budgeted and spent funds from grant inception through current budget.

Category	Original Budget	Total Spent
Salary	\$ 17,245.00	\$ 12,468.77
Fringe	\$ 5,044.00	\$ 3,844.99
Salary+fringe total	\$ 22,289.00	\$ 16,313.76
Supplies	\$ 800.00	\$ 268.71
Services, plot fee	\$ 1,100.00	\$ 1,100.00
Services, lab	\$ 6,426.00	\$ 6,765.66
Services & supplies	\$ 8,326.00	\$ 8,134.37
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