

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: February 2024 – April 2024**

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

Tasks (deliverables) for This Quarter

Analyze and interpret soil, plant tissue and soybean yield data for annual report. **Statistical analysis was completed in February.**

Write annual report and submit it to funding source. **Completed annual report in March, submitted it online on May 23.**

Write and submit quarterly (Feb-Apr) budget/progress report as directed by funding agency. **Report sent on May 23.**

Detailed Budget by Quarter

Salary categories (salaries/wages and fringe) were the primary spending categories during this quarter. All funds for this project are spent and no categories exceed 10% of their proposed spending (See table below). Additional spending for travel (mileage, \$36.85) was billed during this period. At the time of writing this report, I had not yet received the final invoice from Univ. of Minnesota Sponsored Projects Administration (SPA). They will send the invoice to funder once it is finalized.

**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	\$ 17,159.91	\$ 2,635.73	\$ 4,589.17	\$ 5,243.87	\$ 4,691.14
Fringe	\$ 5,044.00	\$ 5,416.51	\$ 743.41	\$ 1,344.86	\$ 1,756.72	\$ 1,571.52
Salary+fringe total	\$ 22,289.00	\$ 22,576.42	\$ 3,379.14	\$ 5,934.03	\$ 7,000.59	\$ 6,262.66
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	\$ 1,412.21	\$ 530.59	\$ 87.77	\$ 757.00	\$ 36.85
<b>Total</b>	<b>\$ 32,123.00</b>	<b>\$ 32,123.00</b>	<b>\$ 4,279.57</b>	<b>\$ 12,686.33</b>	<b>\$ 8,857.59</b>	<b>\$ 6,299.51</b>

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

Category	Original Budget	Total Spent
Salary	\$ 17,245.00	\$ 17,159.91
Fringe	\$ 5,044.00	\$ 5,416.51
Salary+fringe total	\$ 22,289.00	\$ 22,576.42
Supplies	\$ 800.00	\$ 268.71
Services, plot fee	\$ 1,100.00	\$ 1,100.00
Services, lab	\$ 6,426.00	\$ 6,765.66
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