

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: August – October 2023**

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

Tasks (deliverables) for This Quarter

Scout for soybean aphids, apply insecticides if needed. None to very low numbers (most dates <10 aphids per plot), one date averaged 30 at Waseca. No insecticide application needed. **Scouted on several dates in Aug at both Rochester and Waseca.**

Combine harvest soybeans, measure seed weight and moisture, calculate seed yields. **Completed on Oct 5 and 8 at Rochester. October 2 & 3 at Waseca.**

Submit an annual research progress report to MSR&PC (online) including preliminary results from the study. **Completed and submitted report (online) on Oct 31.**

Write and submit quarterly (Aug-Oct) budget/progress report as directed by funding agency. **Report sent on November 28.**

Detailed Budget by Quarter

Salary categories are near their projected spending through the second quarter of the project (See table below). Additional spending for supplies (soil sample bags, \$75.33), lab services [352 soil K analyses (soil job S005), \$1,654.40; 464 Bray P1 soil analyses (soil job S006), \$2,180.80; 176 K soybean leaf tissue analyses (lab code T175), \$1,188; and 232 P soybean leaf tissue analyses (lab code T180), \$1,566) and travel (134 miles driven) were billed during this period. The research plot fee was not billed during this period. It will be billed in the next quarter. A UofM Sponsored Financial Reporting (transaction detail by invoice) report has an error on the document description. The soybean leaf tissue analyses are described incorrectly. I've reviewed the charges listed on this document and the charges are correct even though the document description is incorrect. This was a simple cut & paste error (wrong line placed in description box) by accounting.

**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	\$ 7,224.90	\$ 2,635.73	\$ 4,589.17		
Fringe	\$ 5,044.00	\$ 2,088.27	\$ 743.41	\$ 1,344.86		
Salary+fringe total	\$ 22,289.00	\$ 9,313.17	\$ 3,379.14	\$ 5,934.03	\$ -	\$ -
Supplies	\$ 800.00	\$ 268.71	\$ 193.38	\$ 75.33		
Services, plot fee	\$ 1,100.00	\$ -				
Services, lab	\$ 6,426.00	\$ 6,765.66	\$ 176.46	\$ 6,589.20		
Services & supplies	\$ 8,326.00	\$ 7,034.37	\$ 369.84	\$ 6,664.53	\$ -	\$ -
Travel	\$ 1,508.00	\$ 618.36	\$ 530.59	\$ 87.77		
Total	\$ 32,123.00	\$ 16,965.90	\$ 4,279.57	\$ 12,686.33	\$ -	\$ -