
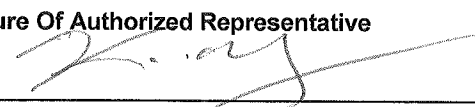


RESEARCH PROPOSAL GRANT APPLICATION

<b>1. NAME AND ADDRESS OF ORGANIZATION TO WHICH AWARD SHOULD BE MADE</b>  <b>Name:</b> Regents of the University of Minnesota <b>Address:</b> Sponsored Projects Administration 454 McNamara Alumni Center, 200 Oak Street SE Minneapolis, MN 55455-2070		
<b>2. TITLE OF PROPOSAL</b> Red River On-Farm Summer Plot Tours		
<b>3. PRINCIPAL INVESTIGATOR(S)</b> J.J. Wiersma  PI# 2 Name: P.A. Glogoza  PI# 3 Name: M. Smith	<b>4. PI #1 BUSINESS ADDRESS</b> Northwest Research & Outreach Center University of Minnesota 2900 University Avenue Crookston, MN 56176	
<b>5. PROPOSED PROJECT DATES (calendar years)</b> January 1, 2017 – December 31, 2017  Note: Research Reports are Due November 15th of Each Year	<b>6. TOTAL PROJECT COST</b> \$ 2,654.00	<b>7. PI #1 PHONE NO.</b> +1 (218) 281-8629
<b>8. RESEARCH OBJECTIVES:</b> (List objectives to be accomplished by research grant)  The objective of the project is to organize plot tours in the second or third week of July at the trial locations near Fergus Falls, Oklee, Strathcona, and Hallock   Attach a 2-page detailed discussion of importance of the proposal to wheat profitability; how study complements previous research in area; procedures to be used; and competency of the research group in achieving research objectives. (Please keep the proposal concise, only 2 pages will be provided reviewers).		
<b>Signature Of Principal Investigator</b> 	<b>Date</b> 12/29/16	<b>Phone Number</b> +1 (218) 281-8629
<b>Signature Of Authorized Representative</b> 	<b>Title</b> Kevin McKoskey, Director Sponsored Projects Administration	<b>Date</b> 1/5/17
<b>Address Of Authorized Representative</b>  Kevin McKoskey, Sr. Associate Director, Office of Sponsored Projects Administration 450 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, MN 55455-2070		<b>Phone Number</b>  612-624-5599

**Minnesota Wheat Research and Promotion Council**  
**RESEARCH PROJECT PROPOSAL**  
**(2-pages maximum)**

**Project Title:** Red River On-Farm Summer Plot Tours

**Importance of this project to the profitability of wheat producers:** Spring wheat and barley remain essential to agriculture in northwest Minnesota. Providing small grain producers with the latest and most recent production and management information and educating producers which cultivars are best suited for their production system are critical to the economic well-being of northwest Minnesota and the state as a whole. A 10% increase in yield equates to nearly \$18,000 in gross returns for a 500 acre wheat enterprise at today's market prices. Therefore, variety selection is a first important step towards maximizing an economic return in any crop.

**Procedures:** The plot tours are organized in collaboration with the local cooperators and/or county crop improvement associations. The collaborators in Fergus Falls, Oklee, Hallock, and Strathcona provide meals and/or refreshments for attendees. Past experience has demonstrated that an effective marketing is crucial to increase attendance. To this end, the group will buy the services of the Minnesota Association of Wheat growers to develop and distribute a direct mailing campaign using postcards to remind people of the upcoming dates. Surveys have repeatedly shown that direct mailings are still the most effective tool to promote events such as field days and plot tours. The Minnesota Association of Wheat Growers not only has the expertise to design effective direct mailings but also has access to a comprehensive mailing list that encompasses most if not all active producers in Northwest Minnesota. The plot tours will be held in the second or third week of July at the trial locations near Fergus Falls, Oklee, Strathcona, and Hallock.

**Regional linkage to other research activities:** Minnesota pest scouting survey, barley breeding program and spring wheat breeding program.

**List current or potential other funding sources for this project:** Historically the cost for the direct mailings had been absorbed by either the MWRPC or MAWG. Declining and competing request for funding have made that a formal request for funding is being submitted.

**Research Group:** J.J. Wiersma, P.A. Glogoza, and M. Smith

**Relationship to past projects:** Summer plot tours continue to be an effective tool to educate growers not only about the individual variety's attributes but also are an excellent tool to educate growers about emerging issues such as Wheat Stem Saw Fly.

**Estimate the budget requirements: \$ 2,654.00**

Table 1 - Primary costs include mileage to the locations of the plot tours and cost for signage and handouts.

<b>Cost Center</b>	<b>Description</b>	<b>Amount</b>
Materials & Supplies	Variety signs, cost to produce handout materials	\$ 500.00
Travel		
Mileage to locations to prepare for plot tours (mowing alleys)	640 miles @ \$0.54/mile	\$ 346.00
Mileage to locations for plot tours	1580 miles @ \$0.54/mile	\$ 853.00
Other Direct Cost		
Direct mailing	Direct mailing list provided by MWRPC and printed and sorted by Brandner Printing.	\$ 955.00
	<b>TOTAL</b>	<b>\$ 2,654.00</b>

# Minnesota Wheat Research and Promotion Council

## RESEARCH PROJECT PROPOSAL BUDGET

<b>PROJECT TITLE:</b> Red River On-Farm Summer Plot Tours			
<b>Principal Investigator(s) / Project Directors(s)</b> J.J. Wiersma, P.A. Glogoza, and M. Smith	Funds Requested For		
	Year 1 (2017)	Year 2 (2018)	Year 3 (2019)
<b>A. Salaries and Wages</b>	\$	\$	\$
1. Co-principal Investigator(s)			
2. Senior Associates			
3. Research Associates - Post Doctorate			
4. Other Professionals			
5. Graduate Students			
6. Prebaccalaureate Students			
7. Secretarial - Clerical			
8. Technical, Shop and Other			
<b>B. Fringe Benefits</b>			
<b>C. Nonexpendable Equipment (Planting and harvesting equipment use)</b>			
<b>D. Materials and Supplies</b>	\$ 500.00		
<b>E. Travel</b>	\$ 1,199.00		
<b>F. Publication Costs</b>	\$ 955.00		
<b>G. Computer Costs</b>			
<b>H. All Other Direct Costs (Attach supporting data)</b>			
<b>TOTAL AMOUNT OF THIS REQUEST (per year)</b>	<b>\$ 2,654.00</b>	<b>\$</b>	<b>\$</b>