



Minnesota Wheat Research and Promotion Council

RESEARCH PROPOSAL GRANT APPLICATION

1. NAME AND ADDRESS OF ORGANIZATION TO WHICH AWARD SHOULD BE MADE Name: Regents of the University of Minnesota Address: Sponsored Projects Administration 454 McNamara Alumni Center, 200 Oak Street SE Minneapolis, MN 55455-2070		
2. TITLE OF PROPOSAL Red River On-Farm Yield Trials Summer Plot Tours		
3. PRINCIPAL INVESTIGATOR(S) Jochum J Wiersma PI# 2 Name: Doug Holen Jr. PI# 3 Name:	4. PI #1 BUSINESS ADDRESS Northwest Research & Outreach Center 2900 University Avenue Crookston, MN 56716	
5. PROPOSED PROJECT DATES (calendar years) 01/01/2015 – 12/31/2015 Note: Research Reports are Due November 15th of Each Year	6. TOTAL PROJECT COST \$2,500.-	7. PI #1 PHONE NO. 218-281-8629
8. RESEARCH OBJECTIVES: (List objectives to be accomplished by research grant) <ul style="list-style-type: none"> • To organize and market the summer plot tours at the 6 locations of the Red River-On Farm Yield Trials. <p>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).</p>		
Signature Of Principal Investigator 	Date 01/16/2015	Phone Number 218-281-8629
Signature Of Authorized Representative 	Title Kevin McKoskey, Sr Associate Director Sponsor Projects Administration	Date 1/21/15
Address Of Authorized Representative Kevin McKoskey, Sr. Associate Director, Office of Sponsored Projects Administration 450 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, MN 55455-2070		Phone Number 612.624.5599 Telephone 612.624.4843 Fax No.

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

Project Title: Red River On-Farm Yield Trials 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.

Background: 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 Bacterial Leaf Streak.

Procedures: The plot tours will be held in the second or third week of July at the trial locations near Fergus Falls, Perley, Oklee, Stephen, Strathcona, and Hallock. 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 a 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.

Regional linkage to other research activities: None

Research Group: Jochum Wiersma, Madeleine Smith, and Doug Holen, Jr.

Relationship to past projects: 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.

Budget Request: \$ 2,500.-

List current or potential other funding sources for this project: Small Grains Initiative

List your programs current and pending support:

- 1) Current Support
 - Small Grains Initiative (General Support \$ 21,250)
 - NDSU/Ducks Unlimited (Winter Wheat in Minnesota - \$36,000)
 - USWBSI (Uniform Fungicide Trials - Co-PI \$3,000)

- 2) Pending Support
 - MDA - Minnesota Crop Research Grant Program (Determining Best Agronomic Practices for Winter Barley Production in Minnesota - Co-PI \$145,000)
 - MDA - Minnesota Crop Research Grant Program (Winter Rye Performance and Taste - Co-PI \$15,000)
 - MWRPC (Optimum Seeding Rate for Diverse HRSW - Principal Investigator - \$32,000)
 - MWRPC (Southern Wheat Research & Outreach - Co-PI \$16,990)
 - MWRPC (Variation in Response to Sulfur among HRSW Genotypes - Co-PI \$)
 - MWRPC (University of Minnesota Wheat Breeding Program - Co-PI \$145,000)
 - MWRPC (Summer Plot Tours - PI \$4,500)

References: None

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RESEARCH PROJECT PROPOSAL BUDGET

PROJECT TITLE: Red River On-Farm Yield Trials Summer Plot Tours			
Principal Investigator(s) / Project Directors(s)	Funds Requested For		
	Year 1 (2015)	Year 2 (2016)	Year 3 (2017)
A. Salaries and Wages	\$	\$	\$
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. Fringe Benefits			
C. Nonexpendable Equipment (Planting and harvesting equipment use)			
D. Materials and Supplies (laminated field signs)	\$ 100.-		
E. Travel (mileage for one trip with a minivan to each of the locations)	\$ 400.-		
F. Publication Costs (one direct mailing incl. postage and handouts)	\$ 2000.-		
G. Computer Costs			
H. All Other Direct Costs (Attach supporting data)			
TOTAL AMOUNT OF THIS REQUEST (per year)	\$ 2500.-	\$	\$

