

ANNUAL REPORT

PROJECT NUMBER: BUK399

PROJECT TITLE: Hard White Winter Wheat Grower Strip Trials

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ACCOMPLISHMENTS:

This last year of this project has seen some great successes in hard white wheat research. We grew eight varieties of hard white winter wheat in Grace Idaho, with three different producers. Our results were quite good.

Our three farm cooperators are outstanding farmers and with their expertise we were able to find two varieties that stand out from the rest of the varieties in their end use quality standards. In a report from Thresher which I will enclose you can see that the two varieties of LCI 22-22 and UI Silver grown under these agronomic practices finished the testing with an excellent rating. These two varieties could be used to grow on an open market, both varieties have been tested for several years and are currently being grown. LCI 22-22 which is now LCS YETI is on the open market and being grown in the mid-west. We also have a field in the Rexburg area growing this variety.

Projections for the future of this project I would like to apply for one more year of funding to reproduce the varieties one more time. The locations for this year's trials are Blackfoot, and two fields in Rexburg. I will harvest the plots this year and continue the process of bagging samples to send into the lab. Using the information, we gather from these fields that are in current production we hope to see similar end use quality characteristics in the wheat's that have shown promise so far.

I have one impact statement that is in the works for the research that has been conducted so far. Once this year's data has been collected I will have three years of doing this research and will be able to show what we have found over this course of time. I will collect what information I can and produce a document that can be read by all interested parties in the PNW growing Hard White Wheat and the successes we have found.