

These rankings are based on the results of the *Genotype and Environment Study (G&E)* conducted by the USDA Western Wheat Quality Laboratory and the WSU Wheat Quality Program, including relevant breeding nurseries.

End-use quality determinations were based on results from grain, milling and product quality tests.

The quality scores presented here reflect a minimum of three years of data in the G&E study, using a reference variety for each class. The scores are reviewed yearly as new data becomes available, and are subject to change. Varieties not listed have not been tested or have less than three years of data. For complete results, please visit the website:

www.wsu.edu/~wwql/php/index.php

Variations in states' rankings may occur because different and appropriate groups of trial sites were used to calculate the quality scores for each state. Changes in lists may result from differences in environmental conditions.



Washington Grain Commission (WGC)

The G and E Study is financially supported by the WGC. For more information, contact the WGC office.

2702 West Sunset Blvd, Suite A

Spokane, WA 99224

(509) 456-2481

E-mail: wga@wagrains.com

Website: www.washingtongrainalliance.com



WSU Wheat Quality Program

Byung-Kee Baik, Project Leader

Tracy Harris, Research Technician

(509) 335-8230

E-mail: bbaik@wsu.edu



USDA Western Wheat Quality Lab

Craig Morris, Lab Director

Doug Engle, Lab Manager

(509) 335-4062

E-mail: morrisc@wsu.edu

Website: www.wsu.edu/~wwql

For agronomic information, please consult: 1) the Washington State Crop Improvement Association Certified Seed Buying Guide; 2) WSU Uniform Cereal Variety Testing Program (<http://variety.wsu.edu>).

2010 WASHINGTON PREFERRED WINTER WHEAT VARIETIES

based on end-use quality



provided courtesy of



2010 Quality Rankings

Varieties are listed by *statistical quality rankings by class*. When making a decision between varieties with similar agronomic characteristics and grain yield potential, choose the variety with the higher quality ranking. This will help to increase the overall quality and desirability of Washington wheat.

Most Desirable—These varieties generally have high test weights, appropriate protein content, and excellent milling and end-use properties.

Desirable—The kernel, milling, and end-use qualities of these varieties range from good to very good. The quality attributes of these varieties are desirable in international trade.

Acceptable—The kernel, milling, and end-use qualities of these varieties range from acceptable to good. Individual varieties may possess minor flaws. The quality attributes of these varieties are acceptable in international trade.

Least Desirable—One or more critical flaws in quality are present in these varieties. The intrinsic quality of PNW wheat will be improved if these varieties are not planted.

Hard Red Winter

Eddy	Most Desirable
Finley	Most Desirable
Whetstone	Most Desirable
Hatton	Most Desirable
Paladin	Most Desirable
DW	Desirable
Farnum	Desirable
Buchanan	Desirable
ACS52025CL	Acceptable
Declo	Acceptable
Moreland	Acceptable
Norwest553	Acceptable
Q542	Acceptable
Bauermeister	Acceptable
Boundary	Least Desirable
Residence	Least Desirable
Symphony	Least Desirable
Estica	Least Desirable

Hard White Winter¹

Darwin	Most Desirable
Golden Spike	Desirable
Gary	Acceptable
NuDakota	Acceptable
MDM	Acceptable
NuHorizon	Acceptable
Palominio	Acceptable
NuFrontier	Acceptable

Soft White Winter

ORSS1757	Most Desirable
Brundage96	Most Desirable
Lewjain	Most Desirable
Salute	Most Desirable
Finch	Desirable
MJ-9	Desirable
Masami	Desirable
Concept	Desirable
Rod	Desirable
Skiles	Desirable
Cashup	Desirable
WB 523	Desirable
Eitan	Desirable
Legion	Desirable
Mohler	Desirable
Simon	Desirable
WB 528	Desirable
Stephens	Desirable
ID587CF	Desirable
Lambert	Desirable
ORCF 102	Desirable
Madsen	Acceptable
George	Acceptable
Goetze	Acceptable
ORCF 103	Acceptable
Xerpha	Acceptable
ORCF 101	Acceptable
RJames	Acceptable
APL 700 CL	Acceptable
WB 1020M	Acceptable
WB 546	Acceptable
Tubbs 06	Acceptable
Tubbs	Acceptable
MJ-4	Acceptable
Albion	Acceptable
Clearfirst	Least Desirable

Club

Chukar	Most Desirable
Cara	Most Desirable
Hiller	Desirable
Edwin	Desirable
Bruehl	Desirable
Rely	Desirable
Coda	Desirable

¹Hard white wheats are scored for export quality requirements such as bread and noodle quality.