2017 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 Pacific Northwest (PNW) wheat.

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

**Desirable (D)**—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 (A)**—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 (LD)**—These varieties have displayed low quality characteristics for this class of wheat. The intrinsic quality of PNW wheat will be improved if these varieties are not planted.

**Unacceptable Except Customer-Specific Uses (UCS)**—One or more critical flaws in quality are present in these varieties and will not make suitable products for this class of wheat. Production of these varieties should be targeted to specific end-uses and kept strictly segregated from general commercial channels.

These rankings are based on the results of the Genotype and Environment Study (G&E) quality testing conducted by the USDA Western Wheat Quality Laboratory, the Washington State University Wheat Quality Program, the University of Idaho Wheat Quality Laboratory, and the Oregon State University Cereal Quality Laboratory, 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’ 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

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); 3) North Idaho Extension Cereals Program (http://cals.uidaho.edu/cereals/nidaho); 4) Oregon Elite Yield Trials (http://cropandsoil.oregonstate.edu/wheat/state_performance_data.htm).

Preferred Wheat Varieties is provided courtesy of: The Washington Grain Commission, the Oregon Wheat Commission, and the Idaho Wheat Commission.

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Soft White Winter

Bobtail .......... OSU ................. MD
Brundage96 ......... UI .................. MD
BrundageCF .......... UI .................. MD
ARS-Amerber ....... ARS .................. MD
Kaseberg .......... OSU .................. MD
Bruneau .......... UI .................. MD
Ladd .......... OSU .................. D
Puma .......... WSU .................. D
WSU UI Huffman .... WSU UI ................. D
WB-Junction ...... WB .................. D
Jasper .......... WSU .................. MD
ARS-Salu ........ ARS .................. D
Mary .......... OSU .................. D
ORCF101 .......... OSU .................. D
Masami .......... WSU .................. D
LCS Drive ......... LCS .................. D
SY Ovation ......... SY .................. D
Skiles .......... OSU .................. D
UI Sparrow ...... UI .................. D
WB 523 .......... WB .................. D
Legion .......... SY .................. D
Eltan .......... WSU .................. D
Norwest Duet .... OSU/LCS ................. D
WB-528 .......... WB .................. D
Otto .......... WSU .................. D
Stephens .......... OSU .................. D
SY Assure ......... SY .................. A
ORCF103 .......... OSU .................. A
Madsen .......... ARS .................. A
LCS Artdeco ...... LCS .................. A
Mela C+ .......... WSU .................. A
Rosalyon ......... OSU .................. A
WB1604 .......... WB .................. A
ORCF102 .......... OSU .................. A
WB-1070CL ...... WB .................. A
Curiosity C+ ...... WSU .................. A
WB1529 .......... WB .................. A
Goetze .......... OSU .................. A
WB-1066CL ...... WB .................. A
AP700CL .......... SY .................. A
WB 456 .......... WB .................. A
Xerpha .......... WSU .................. A
Thorbs06 ......... OSU .................. A
SY107 .......... SY .................. A

Soft White Spring

UI Stone .......... UI .................. MD
Tekoa .......... WSU .................. MD
Diva .......... WSU .................. MD
WB6341 .......... WB .................. MD
Louise .......... WSU .................. MD
Alturas .......... UI .................. MD
Ryan .......... WSU .................. MD
Seahawk .......... WSU .................. MD
Whit .......... WSU .................. MD
Babe .......... WSU .................. MD
Nick .......... WB .................. D
Cataldo ......... UI .................. D
WB-1035CL+ .... WB .................. UCS

Club

ARS-Crescent .... ARS .................. MD
Cara .......... ARS .................. MD
Chukar .......... ARS .................. MD
ARS-Pritchet .... ARS .................. D
ARS-Chrystal .... ARS .................. D
Bruehl .......... WSU .................. D
Coda .......... ARS .................. D

Spring Club

Melba .......... WSU .................. MD
JD .......... Wsu .................. MD

Hard White Winter

UI Silver .......... UI .................. MD
Darwin .......... UI .................. MD
MDM .......... Wsu .................. A
Palomino .......... SY .................. LD

Hard White Spring

UI Platinum ...... UI .................. MD
WB-Hartline ...... WB .................. D
Dayn .......... Wsu .................. D
LCS Star .......... LCS .................. A
BR7030 .......... Arizona Plant Breeders .......... UCS

Hard Red Winter

WB-Arrowhead ...... WB .................. MD
Eddy .......... WB .................. MD
Sprinter .......... WSU .................. MD
UI SRG .......... UI .................. MD
Whetstone .......... SY .................. MD
Norwest 553 .... OSU .................. D
Buchanan .......... WSU .................. D
LCS Evina .......... LCS .................. D
Farnum .......... WSU .................. D
LCS Jet .......... LCS .................. A
Keldin .......... WB ................. A
Rimrock .......... WB ................. A
Esperia .......... Societa Produttori Sementi Spa .......... A
LCS Colonia .......... LCS .................. A
LCS Azimut .......... LCS ................. A
Residence .......... Cebeco ................. UCS
Estica .......... Cebeco ................. UCS
Symphony .......... Tanio Tech ................. UCS

Hard Red Spring

Holllis .......... Wsu .................. MD
SY605 CL ...... SY .................. MD
Alum .......... WSU .................. MD
SY Steelhead .......... SY .................. MD
Glee .......... Wsu .................. MD
Chet .......... Wsu .................. MD
WB-Fuzion .......... WB .................. MD
LCS Luna .......... LCS .................. MD
Winchester .......... UI .................. D
LCS Iron .......... LCS .................. D
Bullseye ......... SY .................. D
Jefferson .......... UI .................. D
Kelse .......... Wsu .................. D
Jedd .......... WB .................. A
WB 9879CLP .... WB .................. A
Buck Pronto ...... LCS .................. A

Abbreviations

WSU ................ Washington State University
OSU ................. Oregon State University
UI ...................... University of Idaho
ARS .................... Agricultural Research Service
SY ..................... Syngenta
WB ................. WestBred/Monsanto
LCS ................. Limagrain Cereal Seeds

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