

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).



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Washington
Oregon
North Idaho

Preferred Wheat Varieties 2017

Based on end-use quality

Soft White Winter

| | | |
|----------------|---------|-----|
| Bobtail | OSU | MD |
| Brundage96 | UI | MD |
| BrundageCF | UI | MD |
| ARS-Amber | ARS | MD |
| Kaseberg | OSU | MD |
| Bruneau | UI | MD |
| Ladd | OSU | MD |
| Puma | WSU | MD |
| WSU UI Huffman | WSU UI | MD |
| WB-Junction | WB | MD |
| Jasper | WSU | MD |
| ARS-Selbu | 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 CL+ | WSU | A |
| Rosalyn | OSU | A |
| WB1604 | WB | A |
| ORCF102 | OSU | A |
| WB-1070CL | WB | A |
| Curiosity CL+ | WSU | A |
| WB1529 | WB | A |
| Goetze | OSU | A |
| WB-1066CL | WB | A |
| AP700CL | SY | A |
| WB 456 | WB | .LD |
| Xerpha | WSU | .LD |
| Tubbs06 | OSU | .LD |
| SY107 | SY | .LD |

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-Pritchett | ARS | D |
| ARS-Chrysal | ARS | D |
| Bruehl | WSU | D |
| Coda | ARS | D |

Spring Club

| | | |
|-------|-----|----|
| Melba | WSU | MD |
| JD | WSU | MD |

Hard White Winter¹

| | | |
|-----------|-----|----|
| UI Silver | UI | MD |
| Darwin | UI | MD |
| MDM | WSU | A |
| Palomino | SY | LD |

Hard White Spring¹

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

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

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

| | | |
|--------------|-----|----|
| Hollis | 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 |