

# 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](http://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](http://cropandsoil.oregonstate.edu/wheat/state_performance_data.htm)).



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## SOFT WHITE WINTER

UI Castle	UI	MD
Bobtail	OSU	MD
Brundage96	UI	MD
Kaseberg	OSU	MD
Bruneau	UI	MD
UI Palouse	UI	MD
Jasper	WSU	MD
UI WSU Huffman	UI/WSU	MD
Puma	WSU	MD
ARS-Selbu	ARS	D
Mary	OSU	D
ORCF101	OSU	D
SY Ovation	SY	D
LCS Drive	LCS	D
Skiles	OSU	D
LCS Shark	LCS	D
SY Command	SY	D
WB523	WB	D
UI Sparrow	UI	D
UI Magic	UI	D
Eltan	WSU	D
SY Dayton	SY	D
WB528	WB	D
Otto	WSU	D
Resilience CL+	WSU	D
Norwest Duet	OSU/LCS	D
Stephens	OSU	D
SY Assure	SY	A
LCS Hulk	LCS	A
Madsen	ARS	A
ORCF103	OSU	A
LCS Artdeco	LCS	A
Mela CL+	WSU	A
Rosalyn	OSU	A
WB1604	WB	A
WB1070CL	WB	A
Norwest Tandem	OSU/LCS	A
Curiosity CL+	WSU	A
ORCF102	OSU	A
WB1529	WB	A
WB1066CL	WB	A
Xerpha	WSU	.LD
WB456	WB	.LD
SY Banks	SY	.LD
SY107	SY	.LD
WB1783	WB	.LD

## SOFT WHITE SPRING

UI Stone	UI	MD
Diva	WSU	MD
Tekoa	WSU	MD
WB6341	WB	MD
Louise	WSU	MD
Alturas	UI	MD
SY Saltese	SY	MD
Ryan	WSU	MD
Whit	WSU	MD
Seahawk	WSU	MD
Babe	WSU	MD
WB6121	WB	D
WB1035CL+	WB	UCS

## CLUB

ARS Castella	ARS	MD
ARS Crescent	ARS	MD
Cara	ARS	MD
ARS Pritchett	ARS	D
Bruehl	WSU	D

## SPRING CLUB

Melba	WSU	MD
JD	WSU	MD

## HARD WHITE WINTER<sup>1</sup>

UI Silver	UI	MD
Earl	WSU	A

## HARD WHITE SPRING<sup>1</sup>

UI Platinum	UI	MD
WB Hartline	WB	D
Dayn	WSU	D

## 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

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

## HARD RED WINTER

WB4623CLP	WB	MD
UI SRG	UI	MD
Whetstone	SY	MD
Norwest 553	OSU	D
AP503 CL2	SY	D
LCS Evina	LCS	D
Farnum	WSU	D
LCS Rocket	LCS	D
Sequoia	WSU	D
Keldin	WB	A
LCS Jet	LCS	A
Esperia	Societa Produttori Sementi Spa	A
SY Touchstone	SY	.LD
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
SY Selway	SY	MD
Glee	WSU	MD
Chet	WSU	MD
Jedd	WB	MD
LCS Luna	LCS	MD
LCS Iron	LCS	D
WB9411	WB	D
WB9668	WB	D
WB9229	WB	D
Jefferson	UI	D
Kelse	WSU	D
Bullseye	SY	D
WB9518	WB	D
WB 9879CLP	WB	A
Buck Pronto	LCS	A

