

2024 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.

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: <http://wwql.wsu.edu>.

For agronomic information, please consult: 1) the Washington State Crop Improvement Association Certified Seed Buying Guide; 2) WSU Uniform Cereal Variety Testing Program (<https://smallgrains.wsu.edu/variety>); 3) North Idaho Extension Cereals Program (<https://www.uidaho.edu/extension/cereals/north/variety-trials>); 4) Oregon Elite Yield Trials (<https://cropandsoil.oregonstate.edu/wheat/osu-wheat-variety-trials>).



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2024

Preferred Wheat Varieties



Based on End-Use Quality

Hard Red Spring

Jefferson.....	UI.....	MD
Hale.....	WSU.....	MD
SY605 CL.....	AP/SY.....	MD
Net CL+.....	WSU.....	MD
SY Selway.....	AP/SY.....	MD
Glee.....	WSU.....	MD
SY Coho.....	AP/SY.....	MD
Alum.....	WSU.....	MD
SY Gunsight.....	AP/SY.....	MD
Chet.....	WSU.....	MD
AP Renegade.....	AP/SY.....	D
WB9303.....	WB.....	D
Kelse.....	WSU.....	D
WB9668.....	WB.....	D
WB9662.....	WB.....	LD

Hard Red Winter

LCS Missile.....	LCS.....	MD
Guardian.....	PG.....	MD
Scorpio.....	WSU.....	MD
Gemini.....	WSU.....	MD
Sequoia.....	WSU.....	D
WB4311.....	WB.....	D
SY Touchstone.....	AP/SY.....	D
Keldin.....	WB.....	D
LCS Jet.....	LCS.....	A
WB4303.....	WB.....	A
WB4623CLP.....	WB.....	A
LCS Evina.....	LCS.....	A
LCS Rocket.....	LCS.....	A
WB4394.....	WB.....	A
LCS Helix AX.....	LCS.....	A
Battle AX.....	Montech.....	A
LCS Blackbird.....	LCS.....	LD

Hard White Spring

UI Platinum.....	UI.....	MD
WB-Hartline.....	WB.....	D
Dayn.....	WSU.....	D

Hard White Winter

UI Silver.....	UI.....	MD
Millie.....	OSU.....	MD
Irv.....	OSU.....	MD
Earl.....	WSU.....	A

Soft White Winter

VI Frost.....	LCS/UI.....	MD
YSC-215.....	YSC.....	MD
Sockeye CL+.....	WSU.....	MD
Bobtail.....	OSU.....	MD
UI Vixen.....	UI.....	MD
LCS Shine.....	LCS.....	MD
YSC-201.....	YSC.....	MD
Nixon.....	OSU.....	MD
Nova AX.....	WSU.....	MD
Nimbus.....	OSU.....	MD
WB1621.....	WB.....	MD
AP Exceed.....	AP/SY.....	MD
Jameson.....	WSU.....	MD
Piranha CL+.....	WSU.....	D
LCS Jefe.....	LCS.....	D
VI Encore CL+.....	LCS/UI.....	D
VI Bulldog.....	LCS/UI.....	D
OR2X2 CLP.....	OSU.....	D
VI Presto CL+.....	LCS/UI.....	D
Devote.....	WSU.....	D
UI Magic CL+.....	UI.....	D
SY Ovation.....	AP/SY.....	D
LCS Drive.....	LCS.....	D
Norwest Duet.....	OSU/LCS.....	D
Appleby CL+.....	OSU.....	D
TMC M-Pire.....	TMC.....	D
WB1922.....	WB.....	D
Stingray CL+.....	WSU.....	D
LCS Blackjack.....	LCS.....	D
Rollie.....	WSU.....	D
VI Voodoo CL+.....	LCS/UI.....	D
SY Assure.....	AP/SY.....	D
TMC M-Press.....	TMC.....	D
Inspire.....	WSU.....	D
YSC-93.....	YSC.....	D
Stephens.....	OSU.....	D
LCS Hulk.....	LCS.....	A
SY Dayton.....	AP/SY.....	A
AP Dynamic.....	AP/SY.....	A
AP Iliad.....	AP/SY.....	A
LCS Artdeco.....	LCS.....	A
Curiosity CL+.....	WSU.....	A
Norwest Tandem.....	OSU/LCS.....	A
Rosalyn.....	OSU.....	A
LCS Kamiak.....	LCS.....	A

Soft White Spring

Tekoa.....	WSU.....	MD
Diva.....	WSU.....	MD
WB6341.....	WB.....	MD
Butch CL+.....	WSU.....	MD
Louise.....	WSU.....	MD
UI Cookie.....	UI.....	MD
Alturas.....	UI.....	MD
AP Mondovi CL2.....	AP/SY.....	MD
Ryan.....	WSU.....	MD
Seahawk.....	WSU.....	MD
WB6121.....	WB.....	D
TMC Lochaven.....	TMC.....	D
WB6211CLP.....	WB.....	A

Spring Club

Roger.....	WSU.....	MD
Melba.....	WSU.....	MD
JD.....	WSU.....	MD
Hedge CL+.....	WSU.....	MD

Winter Club

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

Abbreviations

AP/SY: AgriPro/Syngenta

ARS: Agricultural Research Service

LCS: Limagrain Cereal Seeds

OSU: Oregon State University

PG: PlainsGold

TMC: The McGregor Company

UI: University of Idaho

WB: WestBred/Bayer Crop Sciences

WSU: Washington State University

YSC: Yield Star Cereals

Montech: Montech Seed Group

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

** Analysis parameters for dough mixing strength have been modified to better reflect suitability in commercial bakeries. Quality designations of the strongest and weakest mixing lines have changed because of this.

