

2024 WSCIA CERTIFIED SEED Buying Guide

Winter Wheat

Spring Wheat

Spring Barley

**Washington State University
Department of Crop and Soil Sciences**

in cooperation with

Washington State Crop Improvement Association

2575 NE Hopkins Ct.

Pullman, WA 99163

509-334-0461

washingtoncrop.com

WINTER WHEAT

WINTER WHEAT

SOFT WHITE COMMON WINTER WHEAT

----- PRECIPITATION ZONE (INCHES) -----											----- AGRONOMIC RATINGS (1 = Best to 9 = Poorest) -----											
VARIETY	ORIGINATOR	RELEASE DATE	<12"	12-16"	16"-20"	>20"	Irrig.	TEST WEIGHT (LBS/BU)	PROTEIN (%)	PLANT HEIGHT	MATURITY	LODGING	EMERG-ENCE	WINTER SURVIVAL ‡	ALUM. TOLER. ^	STRIPE RUST†	CEPH. STRIPE TOLER.	STRAW-BREAKER	SNOW MOLD	SOIL BORNE MOSAIC VIRUS ^V	FALLING NUMBER ^F	END-USE QUALITY ^Q
			----- BU/A Yield as a % of 2-Yr Trial Mean-----																			
AP Exceed	Agripro/Syngenta	2020	101 [§]	105	102	102	104	62.2	10.2	Short-Med.	Early-Med.	1	3	3	--	R	--	--	3	--	4	MD
AP Iliad	Agripro/Syngenta	2020	--	91	97	98	101	61.7	10.9	Medium	Early-Med.	1	--	6	MTS	R	6	6	--	R	3	A
Curiosity CL+	WSU	2013	91	96	--	--	--	62.6	10.8	Med.-Tall	Med.-Late	5	1	2	S	MS	5	7	2	S ^V	7	A
Devote	WSU	2019	100	95	--	--	--	63.1	10.8	Medium	Medium	1	2	2	S	MS	6	4	2	S ^V	6	D
GS Bounty	Geneshifters	2022	103 [§]	104	106	104	108	61.2	11.0	Med.-Tall	Medium	1	3	4	MT	MR	--	--	4	--	--	--
LCS Artdeco	Limagrain Cereal	2011	--	--	95 [§]	94 [§]	99	60.3	10.3	Med.-Short	Early-Med.	--	--	6	S	R	4	9	--	S	6	A
LCS Blackjack	Limagrain Cereal	2019	--	104	107	104	113	60.2	10.6	Short-Med.	Medium	1	--	4	MTS	R	5	1	6	S	6	D
LCS Hulk	Limagrain Cereal	2017	101	100	103	101	107	62.1	10.9	Medium	Medium	1	4	3	MTS	R	7	9	5	S	3	A
LCS Hydra AX	Limagrain Cereal	2022	101 [§]	97 [§]	90 [§]	93 [§]	92 [§]	63.4	10.8	Medium	Medium	--	7	4	--	MS	--	--	6	--	--	--
LCS Jefe	Limagrain Cereal	2022	102	106	103	102	101	61.7	9.8	Medium	Medium	1	8	3	T	R	--	--	9	S	8	D
LCS Kamiak	Limagrain Cereal	2023	100	100	109	100	102	61.6	11.0	Medium	Early-Med.	1	5	3	S	R	--	--	9	--	5	A
LCS Kraken AX	Limagrain Cereal	2022	104 [§]	100 [§]	93 [§]	96 [§]	--	61.9	11.1	Med.-Tall	Medium	--	5	2	--	MR	--	--	4	--	--	--
LCS Reaper II AX	Limagrain Cereal	2023	93 [§]	99 [§]	95 [§]	93 [§]	86 [§]	63.2	11.2	Medium	Early	--	--	4	--	MR	--	--	3	--	--	--
LCS Scorpion AX	Limagrain Cereal	2023	98 [§]	100 [§]	99 [§]	96 [§]	--	61.8	10.7	Medium	Medium	--	8	5	--	R	--	--	7	--	--	--
LCS Shine	Limagrain Cereal	2019	110	106	104	104	103	61.6	10.0	Short	Early-Med.	1	8	3	MT	R	4	--	5	S	5	MD
Norwest Duet	OSU/Limagrain	2015	103	108	102	105	--	61.5	10.8	Tall	Med.-Late	1	5	3	MT	R	3	8	5	S	2	D
Norwest Tandem	OSU/Limagrain	2016	108	105	101	99	97	61.4	10.7	Short	Early-Med.	1	4	3	S	R	4	3	6	S	3	A
Piranha CL+	WSU	2020	106	109	103	104	96	62.1	10.7	Med.-Tall	Medium	4	4	2	MTS	MR	4	6	3	S ^V	6	D
Resilience CL+	WSU	2016	--	--	99	96	--	62.3	11.5	Medium	Medium	1	--	5	S	R	5	3	--	R ^V	3	D
Sockeye CL+	WSU	2020	117 [§]	114 [§]	108	106	98	61.6	10.4	Med.-Tall	Medium	5	4	2	MT	R	5	5	3	S ^V	7	MD
Stingray CL+	WSU	2018	104	102	102	101	94	61.2	11.4	Medium	Medium	1	6	6	T	MR	4	5	4	S ^V	1	D
SY Assure	Agripro/Syngenta	2016	--	--	100	98	--	62.8	11.0	Short-Med.	Early	1	5	6	MT	R	5	9	--	S	6	D
SY Dayton	Agripro/Syngenta	2017	--	--	99	99	93	61.5	10.6	Short-Med.	Medium	1	5	5	MT	R	5	7	--	R	7	A
TMC M-Pire	The McGregor Co.	2022	102 [§]	102	104	95	100	62.3	10.4	Short	Early-Med.	1	6	6	MTS	MR	--	--	5	--	--	D
TMC M-Press	The McGregor Co.	2017	101	106	105	98	101	61.7	10.5	Medium	Medium	1	5	5	MT	R	8	4	7	MR	7	D
VI Voodoo CL+	Limagrain/UI	2020	--	95	104	95	93	61.5	10.9	Short	Medium	1	--	9	MT	S	6	6	--	S	7	D
WB1621	Westbred/Bayer	2022	106 [§]	110 [§]	100	99	98 [§]	63.4	10.5	Medium	Medium	2	1	4	MT	R	--	--	5	MS	--	MD
Trial Mean			41	87	105	119	137	61.8	10.8													

SOFT WHITE CLUB WINTER WHEAT

Cameo	USDA-ARS/WSU	2022	--	--	99	101	--	60.6	11.6	Med.-Tall	Med.-Late	2	--	5	MT	R	6	4	--	S	5	MD
Castella	USDA-ARS/WSU	2017	99	106	83	97	--	61.4	10.5	Med.-Tall	Medium	7	6	3	T	R	5	5	6	S	4	MD
ARS-Crescent	USDA-ARS/WSU	2012	89	96	87	93	--	61.0	10.9	Med.-Tall	Med.-Late	4	7	2	--	R	6	6	6	S	2	MD
Pritchett	USDA-ARS/WSU	2015	101	101	--	--	--	62.0	10.9	Medium	Medium	--	5	5	S	MR	4	4	5	R	8	D
Trial Mean			41	87	105	119	137	61.8	10.8													

HARD RED WINTER WHEAT

----- PRECIPITATION ZONE (INCHES) -----											----- AGRONOMIC RATINGS (1 = Best to 9 = Poorest) -----											
VARIETY	ORIGINATOR	RELEASE DATE	<12"	12-16"	>16"	Irrig.	TEST WEIGHT (LBS/BU)	PROTEIN (%)	PLANT HEIGHT	MATURITY	LODGING	EMERG-ENCE	WINTER SURVIVAL [‡]	ALUM. TOLER. ^A	STRIPE RUST [†]	CEPH. STRIPE TOLER.	STRAW-BREAKER	SNOW MOLD	SOIL BORNE MOSAIC VIRUS ^V	FALLING NUMBER ^F	END USE QUALITY ^Q	
			-----Yield as a % of 3-Yr Trial Mean-----																			
Keldin	Bayer/WestBred	2011	106	103	101	--	99	62.9	11.6	Medium	Medium	4	3	3	S	MS	7	8	5	--	--	D
LCS Eclipse AX	Limagrain Cereal	2022	111 [§]	98 [§]	100 [§]	--	112 [§]	60.5	10.6	Medium	Medium	--	5	6	--	R	--	--	6	--	--	--
LCS Jet	Limagrain Cereal	2014	101	102	101	--	108	61.2	12.1	Short-Med.	Medium	1	4	6	S	S	6	1	5	S	4	A
Scorpio	WSU	2019	105	107	107	--	99 [§]	61.3	12.1	Short-Med.	Medium	1	5	6	T	MS	4	7	4	S ^V	--	MD
Sequoia	WSU	2015	93 [§]	--	--	--	--	62.1	11.4	Tall	Med.-Late	--	3	4	S	MS	--	--	5	S ^V	--	D
WB4303	WestBred/Bayer	2016	111 [§]	100	100	--	101	61.5	12.1	Medium	Early-Med.	2	5	3	T	S	8	6	4	R	6	A
Trial Mean			40	80	98	--	138	61.9	11.9													

KEY

--: Information not available or variety was not common to data set.

§: Only 1 year data available

‡: Winter Survival Index based on Variety Testing field observations and laboratory studies conducted by USDA-ARS, Pullman, WA.

^: Aluminum Tolerance Scale Key: 1 = T (Tolerant); 1 = MT (Mostly Tolerant); 3 = MTS (Mostly Tolerant/Susceptible); 4,5 = S (Susceptible) ; Aluminum Tolerance ratings based on data taken by Dr. Mike Pumphrey at low pH field site in Eastern Washington.

†: Stripe Rust Key: R = Resistant; MR = Moderately Resistant; M = Moderate; MS = Moderately Susceptible; S = Susceptible. Disease ratings can change and should be used as relative comparisons. Stripe rust ratings are based on data from Dr. Xianming Chen at USDA-ARS, Pullman, WA.

^V: Indicates Soil Borne Mosaic Virus Resistance ratings based on genetic marker

^F: Falling number rankings are based on all data collected 2015-2022. Varieties more resistant to FN reduction due to preharvest sprouting or late-maturity alpha amylase are ranked 1-5.; varieties ranked 6-7 are intermediate, and varieties ranked 8+ will frequently have low FN in event environments. For more information about Falling Number events and data, visit steberlab.org.

^Q: For Quality Rating key, see Spring Wheat page in this guide.

SPRING WHEAT

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		----- PRECIPITATION ZONE (INCHES) -----					----- AGRONOMIC RATINGS (1 = Best to 9 = Poorest) -----												
SOFT WHITE COMMON		RELEASE DATE	<12"	12"-16"	16"-20"	>20"	IRRIGATED	FALL PLANT IRRIGATED	TEST WEIGHT (LBS/BU)										
VARIETY	ORIGINATOR	----- Yield as a % of 2-Yr TRIAL MEAN -----					1-Yr MEAN	3-Yr MEAN		PROTEIN (%)	PLANT HEIGHT	MATURITY	WINTER SURVIVAL [‡]	LODGING	ALUM. TOLER. ^A	STRIPE RUST [†]	HESSIAN FLY ^H	FALLING NUMBER ^F	END-USE QUALITY ^Q
AP Mondovi CL2	Agripro/Syngenta	2019	96	92	90	91	--	--	60.7	12.1	Med.-Tall	Medium	7	3	S	MS	MR	--	MD
Louise	WSU	2004	103	97	93	93	--	--	60.7	10.3	Med.-Tall	Med.-Late	--	7	S	MR	R	3	MD
Ryan	WSU	2015	100	104	107	103	89	--	61.4	10.8	Medium	Early	6	6	T	MR	R	4	MD
Seahawk	WSU	2014	99	96	100	99	98	--	61.5	10.7	Medium	Med.-Late	3	6	T	R	R	5	MD
Tekoa	WSU	2015	107	103	99	103	114	--	61.7	10.5	Medium	Med.-Late	9	3	T	R	R	4	MD
WB6211CLP	WestBred/Bayer	2021	89	97	93	94	--	--	59.7	11.3	Short-Med.	Early-Med.	8	1	S	S	R	--	A
SOFT WHITE CLUB		----- Yield as a % of 2-Yr TRIAL MEAN -----																	
Hedge CL+	WSU	2020	105	95	97	100	--	--	62.1	10.9	Med.-Tall	Med.-Late	8	7	MTS	MR	S	--	MD
Melba	WSU	2016	101	103	99	101	99	--	61.2	10.3	Short-Med.	Med.-Late	8	4	S	R	S	5	MD
Roger	WSU	2022	94	106	104	103	93	--	62.5	10.1	Short-Med.	Early-Med.	--	7	S	MR	R	--	MD
		TRIAL MEAN	74	61	49	27	120	--	61.5	10.8									
HARD RED		----- Yield as a % of 4-Yr TRIAL MEAN -----																	
Alum	WSU	2014	100	101	103	111	--	--	62.0	13.3	Medium	Medium	--	6	MT	R	R	3	MD
AP Venom	Agripro/Syngenta	2020	--	--	--	--	105	108	--	--	Medium	Medium	5	1	S	S	MR	--	--
Chet	WSU	2014	97	98	99	112	--	--	62.4	13.8	Tall	Medium	7	8	MT	R	R	9	MD
Hale	WSU	2021	112	108	105	111	--	--	62.4	13.7	Med.-Tall	Medium	--	6	S	R	R	--	MD
Kelse	WSU	2008	96	101	101	105	--	--	61.7	13.9	Med.-Tall	Medium	5	1	S	R	MS	3	D
Net CL+	WSU	2019	100	103	101	115	--	--	62.5	13.5	Medium	Med.-Late	8	7	S	R	MR	--	MD
WB9303	WestBred/Bayer	2021	98	88	91	66	--	--	61.3	15.3	Short-Med.	Early	4	1	S	R	MS	--	D
WB9662	WestBred/Bayer	2018	--	--	--	--	100	96	--	--	Short-Med.	Medium	3	1	MT	S	R	--	LD
WB9668	WestBred/Bayer	2014	97	95	94	83	97	88	61.8	15.4	Short-Med.	Early-Med.	8	2	T	R	MR	1	D
		TRIAL MEAN	63	53	43	21	118	125	62.0	14.1									

KEY

-- : Information not available or variety was not common to data set.

‡: Winter Survival Index based on Variety Testing field observations and laboratory studies conducted by USDA-ARS, Pullman, WA.

^: Aluminum Tolerance Scale Key: 1 = T (Tolerant); 1 = MT (Mostly Tolerant); 3 = MTS (Mostly Tolerant/Susceptible); 4,5 = S (Susceptible) ; Aluminum Tolerance ratings based on data taken by Dr. Mike Pumphrey at low pH field site in Eastern Washington.

†: Stripe rust ratings are based on data from Dr. Xianming Chen, USDA-ARS, Pullman, WA. Disease Scale R = Resistant; MR = Moderately Resistant; M = Moderate; MS = Moderately Susceptible; S = Susceptible. Disease ratings are based on recently observed disease symptoms but data are limited in scope. Disease ratings can change and should be used as relative comparisons.

^ :Quality Ratings:

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)—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.

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.

WHAT IS CERTIFIED SEED?

There are three recognized classes of Certified Seed:

Certified Class (blue tag), is most widely available and is typically what a farmer will plant to produce a commercial crop. It is usually grown from

Registered Class (purple tag), which is available in moderate quantities but is not usually directly available to produce commercial crop. Registered seed is usually grown from

Foundation Class (white tag) is available in the lowest quantities, from the variety originator or their designated agent.

Certification is administered by designated authorities providing field and seed inspection services for seed growers and dealers. Nearly every state in the U.S. has an entity designated to certify seed, and they are part of a global organization to administer uniform seed standards. In Washington, there are two entities offering seed certification services:

Washington State Department of Agriculture (WSDA) certifies grass, vegetables, canola, corn, wildflowers, hemp, and many other crops. Learn more: <https://agr.wa.gov/services/inspections-and-investigations/inspections/seed>, or 509-249-6950.

Washington State Crop Improvement Association (WSCIA) certifies wheat, triticale, barley, oats, rye, peas, chickpeas, lentils, buckwheat, sorghum, and forest reproductive material. Learn more: washingtoncrop.com, or 509-334-0461.

Does all seed have to be certified?

No, not all seed has to be certified, but some varieties require it. Uncertified seed is often referred to as “common.” All seed, certified or common, must be labeled with germination, purity, other required analysis results, and other information (see WAC 16-301-015).

How do I know if a variety must be certified?

Varieties with PVP Title V protection can only be sold as certified seed (not common). Certification may also be required as a contract term in agreements made with seed companies. If you are unsure if a variety must be certified or if you can save seed, it is best to check with your seed dealer and/or the variety owner.

Each class of seed is held to specific standards throughout the certification process.

All Washington certification standards can be found in Washington Administrative Code (WAC) 16-302.

FIELD

Each **field** producing certified seed is:

- Planted from an approved higher-class seed lot known to represent the variety
- Held to specific standards for past crop history
- Inspected by designated agency at least once prior to harvest

SEED

Seed from inspected fields is:

- Conditioned only at approved facilities
- Tested by WSDA Seed Program
- Evaluated by designated agency to confirm it meets standards for purity, germination, and other required analyses.

Seed is only “certified” when conditioning, sampling, testing, and labeling are complete. Seed that has only been field inspected is not certified seed.

SPRING BARLEY

VARIETY	ORIGINATOR	RELEASE DATE	-- PRECIPITATION ZONE (INCHES) --			TEST WEIGHT (LBS/BU)	PROTEIN (%)	PLUMP (%)	----- AGRONOMIC RATINGS (1 = Best to 9 = Poorest) -----				
			<16"	16"-20"	>20"				PLANT HEIGHT INCHES	MATURITY	STRIPE RUST [†]	HESSIAN FLY [‡]	LODGING [‡]
BC Lexy ^M	Limagrain Cereal Seeds	--	104	116	137	49.8	10.0	91	Medium	Medium	1	S	1
LCS Odyssey ^M	Limagrain Cereal Seeds	2015	101	99	102	50.7	10.6	91	Medium	Medium	2	--	1
LCS Opera ^M	Limagrain Cereal Seeds	2019	98	100	101	50.0	10.2	85	Medium	Med.-Late	1	--	1
Lenetah	UI	2007	97	90	97	52.8	10.7	88	Med.-Tall	Med.-Late	1	S	3
Survivor	WSU	2017	93	85	96	52.5	11.6	89	Medium	Medium	1	S	3
Trial Mean			4845	4535	3477	51.3	11.4	91					

^M: Malting barley

--: Information not available or not relevant to data set.

[†]: Stripe rust ratings are based on data from Dr. Xianming Chen, USDA-ARS, Pullman, WA. Disease Scale Key: 1, 2 = Resistant; , 4 = Moderately Resistant; 5 = Moderate; 6, 7 = Moderately Susceptible; 8, 9 = Susceptible.

[‡]: Hessian Fly ratings conducted in controlled growth chamber at University of Idaho

[‡]: Lodging rating limited to one site-year

VARIETY PERFORMANCE RESULTS: The information provided in this buying guide is the result of a cooperative effort among WSCIA, WSU, USDA-ARS and private seed companies. Plant height and test weight are averages of all test sites. Unless otherwise noted, yield data displayed for wheat and barley is based on averages of 2021 through 2023 data from testing sites of WSU’s Extension Cereal Variety Testing Program. The % protein (12% moisture basis) and yield performance are summarized within several precipitation zones including irrigated. Barley is not tested under irrigation.

Yield values are listed as a percent of the trial mean. Actual average yield values are listed for the trial mean at the bottom of each market class section. Information on variety performance at specific locations in individual years can be found at: <http://smallgrains.wsu.edu/variety>. All agronomic and end-use quality ratings can be found under variety characteristic tables.

WHERE TO BUY CERTIFIED SEED

Most of the varieties included in this guide are available as Certified class seed to plant to produce a commercial crop. Newer releases (dated 2022 and 2023) may only be available as Foundation or Registered for the first couple of years, as seed dealers increase their supplies in order to commercialize the variety. If you are interested in a particular variety, you can use the WSCIA Seed Source List to find out what dealers of certified seed may have it available this season. The lists from the 2023 production year, and prior years, can be accessed at washingtoncrop.com/seed-source-lists



Washington Conditioners and Sellers of Certified Seed

OF FIELD PEA,
LENTIL, CHICKPEA,
and/or SMALL GRAIN

ADAMS COUNTY

CHS Bean Plant, Othello.....	509-488-9983
Columbia Grain, Lind.....	509-677-3441
Homestead Family Grain, Co., Ritzville	509-660-0086
ProGene, Othello.....	509-488-3977
Ritzville Warehouse, Ritzville.....	509-659-0130

COLUMBIA COUNTY

Bayer, Dayton.....	509-382-9178
Northwest Grain Growers, Dayton.....	509-525-6510

DOUGLAS COUNTY

HighLine Grain Growers, Inc., Waterville.....	509-745-8551
John L. McLean Seed Company, Coulee City	509-632-5238

FRANKLIN COUNTY

CHS Sun Basin Growers.....	800-572-5932/509-234-2641
Frontier Seed, Inc., Basin City.....	509-269-4241
L & H Seeds, Connell.....	509-234-4433
Tri State Seed, Connell.....	509-234-2500

GRANT COUNTY

CHS Sun Basin Growers, Quincy.....	509-787-3511
Golden West Bean & Grain, Royal City.....	509-346-9454
KAPA Seed Service, Quincy.....	509-787-1561
McKay Seed Company, Inc., Moses Lake.....	509-766-9894
McGregor Seed, Warden.....	509-349-8893
The McGregor Co., Quincy.....	509-749-2237
Wagner Seed Company, Warden	509-349-8094
Wilson Creek Union Grain & Trading Co., Wilson Creek.....	509-345-2551

LINCOLN COUNTY

HighLine Grain Growers, Inc., Harrington.....	509-253-4604
HighLine Grain Growers, Inc., Almira.....	509-639-2431
HighLine Grain Growers, Inc., Wilbur.....	509-647-5510
HighLine Grain Growers, Inc., Davenport.....	509-725-7081
HighLine Grain Growers, Inc., Reardan.....	509-796-2575
McKay Seed Company, Inc., Almira.....	509-639-2293
North Basin Seed, Odessa.....	509-982-2975
Ritzville Warehouse, Odessa.....	509-982-2661

SNOHOMISH COUNTY

Marine View Farms, Stanwood.....	360-303-3916
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SPOKANE COUNTY

Custom Seed Conditioning, Inc., Elk (Portable).....	509-292-2506
Pacific Northwest Farmers Cooperative, Fairfield.....	509-283-2124
Spokane Seed Company, Spokane.....	509-535-3671

WALLA WALLA COUNTY

Blue Mountain Seed, Inc., Walla Walla.....	509-529-3366
McGregor Seed, Clyde.....	509-749-2237
Northwest Grain Growers, Inc., Walla Walla.....	509-525-6510

WHITMAN COUNTY

Columbia Grain, Pullman.....	509-332-1000
Hager Seed Processing, Inc., Oakesdale.....	509-999-SEED/509-285-4243
Ardent Mills, Pullman.....	509-332-8888
Ardent Mills, Steptoe.....	509-332-8888
Inland Empire Milling Co., St John.....	509-648-3363
McKay Seed Company, LLC, Rosalia.....	509-523-3471
Northwest Grain Growers, Inc., Garfield.....	509-635-0107
Pacific Northwest Farmers Cooperative, Chambers.....	509-334-4632
Pacific Northwest Farmers Cooperative, Garfield	509-635-1227
Pacific Northwest Farmers Cooperative, Oakesdale.....	509-285-5516
Pacific Northwest Farmers Cooperative, Rosalia	509-523-3511
Pacific Northwest Farmers Cooperative, Steptoe.....	509-397-4664
RMK Farms, Inc., Oakesdale.....	509-285-5521
Spokane Seed Company, Colfax.....	509-397-4613
Stateline Processors, Inc., Tekoa.....	509-284-4101
Uniontown Cooperative Assn., Uniontown.....	509-229-3828
Northwest Grain Growers Inc., St John.....	509-648-3713
WSCIA Foundation Seed Service, WSU Seedhouse, Pullman.....	509-592-4515

**BUY CERTIFIED SEED OF THE
VARIETY AND BRAND PREFERRED
FROM YOUR SEED DEALER**

LIMITATION OF LIABILITY Varietal information published in this guide is not the responsibility of WSCIA. Research and testing of crops herein listed have been performed by various public institutions, and private business organizations. Because of variation in testing procedures, research data analysis, and other factors out of the control of WSCIA, data comparisons in this publication are for guidelines only, and variety originators are solely responsible for data supplied to WSCIA. Potential seed users, therefore, should contact variety originators for additional comparison information on this published data.

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