

WASHINGTON SEEDSMEN FOR CERTIFIED SEED

**OF FIELD PEA, LENTIL
and SMALL GRAIN**

*Plant approved for conditioning certified seed.
**Plant approved for conditioning certified seed which has acceptable automatic mechanical seed sampler.

ADAMS COUNTY

** CHS, Inc., Othello 509-488-9681
** Ritzville Seed, LLC, Ritzville 509-659-0270
** Union Elevator & Warehouse Company,
Lind 509-677-3441

BENTON COUNTY

* M & E Seed Company, Prosser 509-786-3446
Horse Heaven Grain, LLC, Prosser 509-786-4997

COLUMBIA COUNTY

** Abbey Farms, Inc., Waitsburg 509-337-8860
** Columbia County Grain Growers, Inc.,
Dayton 509-382-2571

DOUGLAS COUNTY

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

FRANKLIN COUNTY

Bleyhl Farm Service, Pasco 509-547-5577
** Connell Grain Growers, Inc.,
Connell 1-800-572-5932, 509-234-2641
Frishnecht 509-234-2641
** Eppich Grain, Inc., Basin City 509-269-4693
* L & H Seeds, Connell 509-234-4433
** Great Basin Seed Co., Mesa 509-265-4250
* Tri-State Seed, LLC, Connell 509-234-2500
* Washington Producers, Inc., Basin City 509-269-9218
Wilbur Ellis Company, Pasco 800-967-2148

GARFIELD COUNTY

Tomco Seed, Pomeroy 509-843-1468
Western Farm Service, Pomeroy 509-843-3491

GRANT COUNTY

** Columbia Seeds, Warden 509-349-8893
** Connell Grain Growers
Moses Lake 509-765-3898
** Golden West Bean & Grain, Royal City 509-346-9454
** CHS, Inc., Quincy 509-787-3511

** KAPA Seed Service, Quincy 509-787-1561
** McKay Seed Company, Inc., Moses Lake... 509-766-9894
** Quincy Farm Chemicals, Inc., Quincy 509-787-4541
Saddle Mountain Supply Company,
Royal City 509-346-2291
* Wagner Seed Company, Warden 509-349-8094
** Wilson Creek Union Grain & Trading Co.,
Wilson Creek 509-345-2551

KITTITAS COUNTY

* Foothills Farm, Thorp 509-964-2515/929-5334
* Old Mill Country Store, Ellensburg 509-925-5397

KLICKITAT COUNTY

** Jensen Seed Farm, Inc., Bickleton 509-896-2312
** Mid Columbia Producers, Inc., Goldendale.. 541-442-5555
Centerville 541-442-5555

LINCOLN COUNTY

** AgVentures, Harrington 509-253-4604
AgVentures, Odessa 509-982-2691
** Almira Farmers Warehouse, Almira 509-639-2431
** Central Washington Grain Growers, Inc.,
Wilbur 509-647-5510
** Davenport Union Warehouse Company,
Davenport 509-725-7081
** McKay Seed Company, Inc., Almira 509-639-2293
** Ritzville Seed, LLC, Odessa 509-982-2661
** Reardan Seed Company, Inc., Reardan 509-796-2575

SNOHOMISH COUNTY

** Marine View Farms, Stanwood 360-629-3952

SPOKANE COUNTY

** Co-Ag, Fairfield 509-283-2333
** Custom Seed Conditioning, Inc., Elk
(Portable) 509-292-2506
Primeland, Rockford 509-291-5511
* Spokane Seed Company, Spokane 509-535-3671

WALLA WALLA COUNTY

** Blue Mountain Seed, Inc., Walla Walla 509-529-3366

** Northwest Grain Growers, Inc.,
Walla Walla 509-525-6510
** Tomco Seed, Clyde 509-749-2237
Prescott 509-749-2237
Walla Walla (Hwy 125) 509-749-2237
Walla Walla (Airport) 509-529-6787
Adams, OR 541-566-3522

WHITMAN COUNTY

* BNP Lentil Company, Farmington 509-287-2711
** Co-Ag, Oakesdale 509-285-5516
Garfield 509-635-1227
Rosalia 509-523-3511
** Columbia Grain, Pullman 509-332-1000
** Hager Seed Processing, Inc.,
Oakesdale 509-999-SEED 509-285-4243
** Johnson Seed, LLC,
Garfield 509-290-3649 509-635-0107
** McKay Seed Company, Inc., Rosalia 509-523-3471
** Ritzville Seed, LLC, Lacrosse 509-549-3541
** RMK Farms, Inc., Oakesdale 509-285-5521
** Whitgro, Inc., St. John 509-648-3713
** State Line Processors, Inc., Tekoa 509-284-4101
Tomco Seed, Lacrosse 509-549-3545
** Uniontown Cooperative Assn., Uniontown . 509-229-3828
** PNW Farmers Co-Op, Steptoe 509-397-4664
** WSCIA Foundation Seed Service, WSU
Seedhouse, Pullman 509-335-4365

YAKIMA COUNTY

Bleyhl Farm Service, Grandview 509-865-2248
Sunnyside 509-837-5755
Toppenish 509-865-2700
Zillah 509-829-6922
Connell Grain Growers, Inc.,
Toppenish 509-865-2451
Golden West Seed Co., Inc., Zillah 509-829-9500
** Tri-West Specialties, L.L.C., Harrah 509-848-2842
Yakima Co-op, Yakima 509-457-3333



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.

CERTIFYING AGENCY ISSUE OF CERTIFICATE

The issuance by Washington State Crop Improvement Association, the certifying agency, of a certified seed label or certificate for a lot of seed affirms solely that such seed properly identified by a dealer, grower, or distributor, has been subjected to the seed certification standards and procedures implemented by the certifying agency and that the certifying agency has acted in accordance with such standards and procedures.

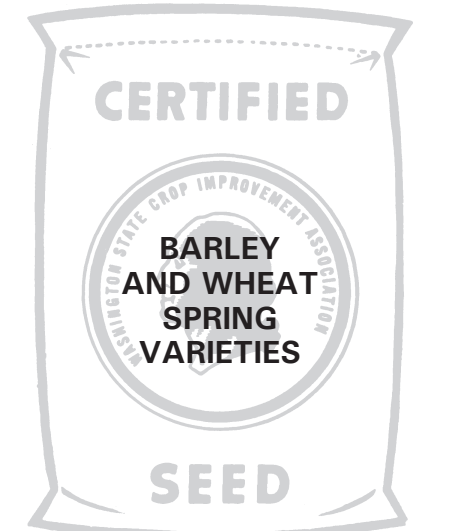
The standards and procedures do not provide for inspection of each plant or all the areas in the seed grower's field. Therefore, seed that is certified may contain contaminants, even though the certifying agency has properly subjected the seed to the officially accepted standards and procedures. Furthermore, during harvest, storage, transportation, and the conditioning process, activities beyond the control of the certifying agency may interfere with the seeds' purity.

The seed grower is required to have knowledge of the officially accepted standards and procedures for certification. The seed grower is responsible to maintain the purity and identity of seed harvested and/or farm stored.

The seed conditioner is responsible for and required to have knowledge of the officially accepted standards and procedures, including the standards and procedures for conditioning, sampling, and final certification. It is the seed conditioner's responsibility to maintain the purity and identity of seed conditioned, stored, transhipped, or labeled.

The issuance of a certified seed label or certificate of a lot of seed, therefore, neither warrants that any other person or entity has acted in accordance with such standards and procedures, nor constitutes any other warranty, expressed or implied, with respect to yield, quality, vigor, incidence of off-types or other contaminating seeds, or tolerance to diseases, insects, or growing conditions, or any other characteristics of the seed.

2014 SPRING CERTIFIED SEED BUYING GUIDE



Department of Crop and Soil Sciences
in cooperation with

WASHINGTON STATE CROP IMPROVEMENT ASSOCIATION

2575 NE Hopkins Ct.
Pullman, Washington 99163
509-334-0461

www.washingtoncrop.com

WSCIA is a non-profit organization working with Washington State University, Washington State Department of Agriculture and Washington seed growers and conditioners to develop, produce and distribute certified seed in order to improve crop yields and quality in Washington State.

Working through education, instruction and promotion, WSCIA is the official Washington agency for foundation seed, and for seed certification of certain seed crops.

BUY CERTIFIED SEED OF THE VARIETY AND BRAND PREFERRED FROM YOUR SEEDSMAN

VARIETY PERFORMANCE RESULTS:

The information provided in this buyer’s guide is the result of a cooperative effort among WSCIA, WSU and private seed companies. Variety performance results for wheat and barley are summarized from the WSU Extension Uniform Cereal Variety Testing Program trials conducted throughout Eastern Washington and represent public and proprietary varieties that were entered into the WSU Variety Testing Program for the previous two years.

USING THE PERFORMANCE RESULTS:

The data reported in this guide is the average of two years of results, 2012 and 2013. Varieties not entered for both years in the WSU Variety Testing Program do not have performance data listed. General varietal information is provided by plant breeders. Plant height and test weight are averages of all test sites. Days to head are based on Julian days - compare days to head from January 1 of the year. The % protein (12% moisture basis) and yield performance is summarized within several precipitation zones including irrigated. Yield values are listed as a percent of a specific check variety for each market classification. Actual average yield values are listed for check varieties at the bottom of each market class section.

For additional and in-depth variety performance information, go to the WSU Extension Cereal Variety Testing Program web site (<http://variety.wsu.edu>).

PLANTING RATE BASED ON SEEDS PER SQUARE FOOT

How to plant on a seeds per square foot basis:

- 1. Determine the seeds/pound of your current seed lot;
a. Request information from seed dealer or
b. Count the number of seeds in a pound of seed or
c. Count 1000 seeds, weigh and convert to seeds/pound*
i.e. 1000 seeds x 454 grams = 9870 seeds/pound
46 grams pound

*Takes about 30 minutes.

- 2. If you know your desired planting rate in seeds/square foot, then convert your current seed lot to adjust for the seed size.
i.e. 15 seeds x43560 sq. ft. x pound = 73 pounds/
sq. ft. acre 9000 seeds acre

- 3. To determine what your seeds/square foot is based on your current seeding rate:
i.e. 60 pounds x9000 seeds x acre = 12 seeds/
acre pound 43560 sq. ft. sq. ft.

- 4. If you know your desired planting rate in seeds/square foot, convert this to a linear foot of drill row based on the following chart:

Conversion Chart From Seeds/Ft.^2 to Seeds/Linear Foot
Seeds/Linear Foot = Seeds Ft.^2 x Row Width/12

Table with 7 columns: Row Width Inches, and Desired Seeds Per Square Foot (5, 10, 15, 20, 25, 30). Rows 6-16.

SPRING BARLEY.....COMPARABLE CHARACTERISTICS.....

Table for Spring Barley with columns: VARIETY, ORIGINATOR, RELEASE DATE, SEED CLASS AVAILABILITY, HEAD TYPE, PLANT HEIGHT INCHES, STRAW STRENGTH, DAYS TO HEAD Julian Days, TEST WEIGHT (LBS/BU), PRECIPITATION ZONE (INCHES) (<16, 16-20, >20), RATINGS (1=Best to 9=Poorest)* (STRIPES RUST, LEAF RUST), and VARIETY. Includes rows for CDC Copeland, Harrington, and various non-malting varieties.

OTHER VARIETIES Data are from 2013 trials only. Includes rows for Genie, Odyssey, and Overture with their respective characteristics and ratings.

SPRING WHEAT.....COMPARABLE CHARACTERISTICS.....

Table for Spring Wheat with columns: VARIETY, ORIGINATOR, RELEASE DATE, SEED CLASS AVAILABILITY, PLANT HEIGHT INCHES, HEADING DATE Julian Days, TEST WEIGHT (LBS/BU), PRECIPITATION ZONE (INCHES) (<12, 12-16, 16-20, >20), IRRIGATED, STRIPE RUST, LEAF RUST, MILDEW, HESSIAN FLY, QUALITY RATING, and VARIETY. Includes rows for Soft White Common, Soft White Club, and Hard Red varieties.

Table for Hard White varieties with columns: VARIETY, ORIGINATOR, RELEASE DATE, SEED CLASS AVAILABILITY, PLANT HEIGHT INCHES, HEADING DATE Julian Days, TEST WEIGHT (LBS/BU), PRECIPITATION ZONE (INCHES) (<12, 12-16, 16-20, >20), IRRIGATED, STRIPE RUST, LEAF RUST, MILDEW, HESSIAN FLY, QUALITY RATING, and VARIETY. Includes rows for BR 7030, Dayn, Otis, Patwin 515, and WB Hartline.

OTHER VARIETIES 2012 & 2013 Variety Testing data from Moses Lake only, except WB-Fuzion, which is 2012 Moses Lake data only. Includes rows for Cabernet, Espresso, Solano, and WB-Fuzion.

*Disease Scale Key: 1,2 = Resistant; 3,4 = Moderately Resistant; 5 = Moderate; 6,7 = Moderately Susceptible; 8,9 = Suscpetible. 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.
**Spring Wheat Stripe rust ratings are based on 2013 data from Dr. Xianming Chen at USDA-ARS, Pullman, WA.
***Barley Stripe Rust was low in 2013 and not uniform at all locations, so ratings are based on 2012 ratings. Data provided by Dr. X. Chen, USDA-ARS at WSU.
-- = Information not available or variety was not common to data set.
Information courtesy of United States Department of Agriculture - Agricultural Research Service and Washington State University. December, 2013.