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Seed Buzz

AUGUST 2016

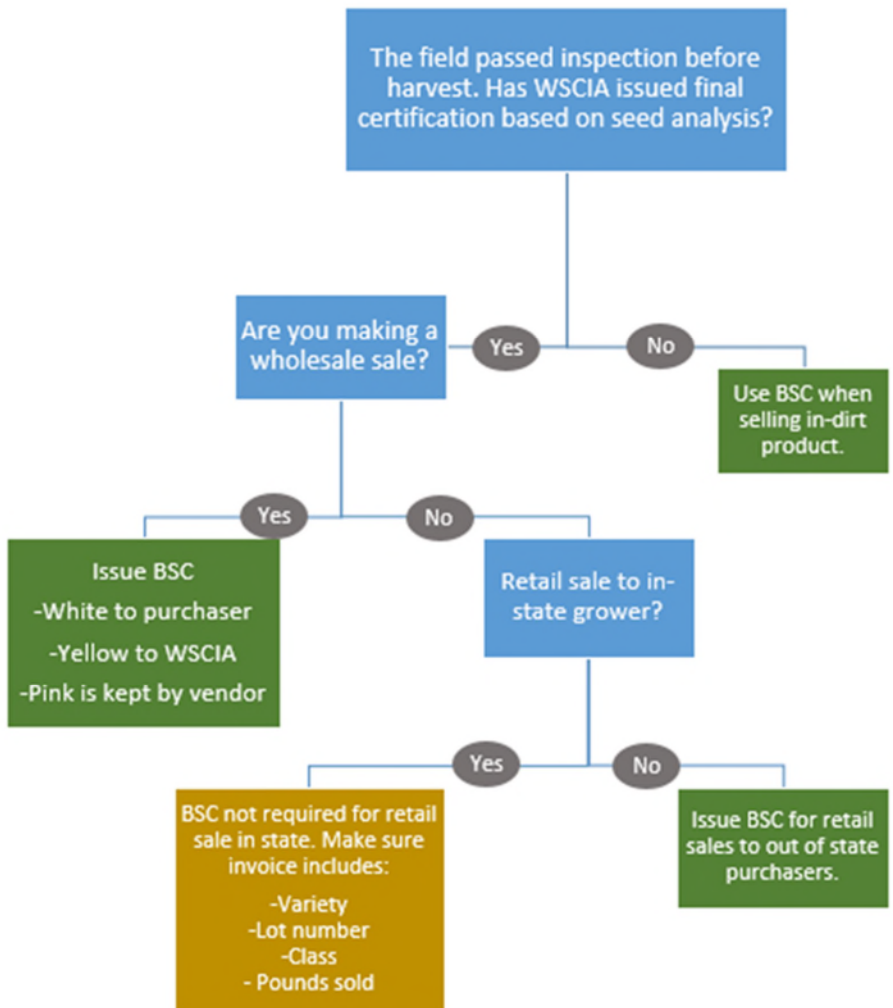
Certification

2575 NE Hopkins Court
Pullman, WA 99163
Phone: 509-334-0461
Fax: 509-334-6809
Hours 8am-12pm, 1pm-5pm
Email:
jerry@washingtoncrop.com
karen@washingtoncrop.com
lauren@washingtoncrop.com



We hope you are enjoying a bountiful and safe harvest!

As you condition seed and ship it for fall planting, the flowchart below will help you determine if a Bulk Sales Certificate (BSC) is needed. The BSC should be sent with the truck when seed leaves your facility.



Foundation Seed Service
Grimes Way,
WSU Ag Seed House
Pullman, WA 99164-6420
Phone: 509-335-4365
Fax 509-335-7007
Hours 7:30-4:30
Email:
darryl@washingtoncrop.com
darlene@washingtoncrop.com

**Mark your
calendar!**

WSCIA Annual Meeting
Northern Quest Casino,
November 14-15, 2016

FALL 2016 SEED ORDER FORM/LIST

Please note the WSCIA Foundation Seed Fall 2016 availability list/order form enclosed in this Seed Buzz. If you are interested in a variety that is currently out of stock please contact the FSS office directly as soon as possible so your Year In Advance order can be accommodated in our planting schedule. See enclosed order form for more details.

Low falling number scores are being reported in various pockets of Eastern Washington. Low falling numbers are an indication that alpha amylase activity has started within the kernel. This has one of two causes: 1) Pre-harvest sprouting occurs when rain falls on the crop. Some varieties are more susceptible than others to this phenomenon. 2) Low falling numbers can also be caused by a cold or heat shock a few weeks after pollen shedding. Called Late Maturity Alpha Amylase (LMA), rain is not needed to start the process. Research funded by the Washington Grain Commission (WGC) has identified the worst LMA culprits. A large percentage of the low falling number grain being reported this year is being found in club wheat. Eighty percent of club wheat is Bruehl. Other varieties are also exhibiting lower numbers. Visit: <http://steberlab.org/project7599.php> for a ranking of varieties based on their susceptibility to falling numbers at various locations. The WGC has also posted several articles that have previously appeared in Wheat Life about falling numbers research. Go to: www.wagrains.org.

Need more copies of the 2016 Certified Seed Buying Guide?

If you are sending winter wheat seed out the door, you may be looking for more copies of our 2016 Certified Seed Buying Guide. The Guide can be downloaded from www.washingtoncrop.com. Please call the WSCIA office if you would like printed copies.

2016 Seed Source List now available, visit www.washingtoncrop.com for a copy!



Q: What is the longest English word in which the letters appear in alphabetical order?

A: Aegilops, which is a genus of grasses.

Aegilops is the genus to which jointed goatgrass (*Aegilops cylindrica*) belongs. If one of your fields was rejected due to jointed goatgrass found during a field inspection it must complete a reclamation program before it can be used to produce a Certified class of seed in the future. This reclamation takes 5 years for dryland production fields, 3 years for irrigated. A management plan must be submitted to WSCIA, and the field must be inspected each year for the presence of goatgrass. Please contact the office if you would like to participate in this program.



Image from USDA APHIS PPQ - Oxford, North Carolina, USDA APHIS PPQ, Bugwood.org



Many breeding programs are hard at work developing cereal varieties for the Inland Pacific Northwest. Below you will find information about the newest releases from Limagrain Cereal Seeds, Syngenta Cereals, Washington State University, and WestBred.

Limagrain Cereal Seeds

LCS Jet is a hard red winter wheat from the same breeding program that produced Norwest 553. It is best suited to medium to high rainfall areas and is also suitable for irrigated production. LCS Jet has excellent winter hardiness, very stiff straw, early maturity, good all-round disease resistance and exceptionally high yield potential.

UI Magic CL+ is a soft white winter wheat for use with the Clearfield production system. It has excellent adaptation through most of the Pacific Northwest and is best suited to medium and higher rainfall zones. UI Magic CL+ is one of the highest yielding "2 gene" Clearfield varieties, with good winter hardiness and medium-early maturity.

Syngenta Cereals

SY Touchstone is a broadly adapted, hard red winter wheat variety with very high yield potential, plus good protein and grain quality. With an early maturity, this variety has shown good snow mold and winter hardiness, plus good stripe rust tolerance traits. SY Touchstone is best suited for high rainfall and irrigated production areas in Washington.

SY Assure is a soft white winter wheat variety with a short plant height, early maturity and good straw strength – much like SY Ovation. This variety has a good disease tolerance package, with excellent stripe rust tolerance and resistance to current disease races of rust. Best suited for southeast Washington to southeast Idaho, SY Assure has the potential to thrive in high rainfall and irrigated production areas.

Washington State University

Pritchett is a soft white winter club wheat with intermediate maturity. Winter hardiness is equal to Bruehl which makes it well adapted to traditional club wheat growing areas of 12-16 inches or less of rainfall. Pritchett has moderate resistance to foot rot with resistance to C – Stripe and excellent seedling and adult plant resistance to stripe rust.

WSCIA produced Pritchett on 2.5 acres this year so very limited amounts of Foundation seed will be available for fall 2016 planting.

Sequoia (WA8180) is a dryland Hard Red Winter Wheat intended for less than 12 inch rainfall production areas. Sequoia is intended to compliment/replace Farnum in these dryland areas. It is 3 days earlier and two inches taller than Farnum but has a much better emergence. Yields have been equal to Farnum but with higher test weights. Sequoia is resistant to the predominant races of rust found in recent years.

WSCIA produced Sequoia on 14 acres this year so sufficient supplies of Foundation seed stocks should be available.

WestBred

WB1376CLP is a Soft White Winter wheat variety that offers growers the benefits of Clearfield® Plus technology. Excellent Yellow (Stripe) Rust resistance, standability and test weight are the key strengths of this variety. This medium-maturing wheat variety also offers very good yield potential and winter hardiness.

WB9200 is a Hard Red Spring wheat variety that is widely adaptive and comes complete with excellent yield potential and solid agronomic characteristics. It is an early-maturing, medium-short variety with excellent standability. WB9200 also provides very good protein content and excellent test weight.

Washington State Crop Improvement Association

Since 1953

Helping Bring the Best in Quality:

WSCIA Business Office

Jerry Robinson—Manager

Karen Olstad—Program Manager

Lauren Port—Certification & Field Supervisor

WSCIA FSS Seed House

Darryl Krause—Program Operations Manager

Darlene Hilkin—Office Manager

Gary Becker—Seed & Warehouse Technician

www.washingtoncrop.com

Washington State Crop Improvement Association, Inc., 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 in the state of Washington. WSCIA was incorporated in 1953. It is governed by a Board of Directors and an Executive Committee. Directors are elected by their county crop improvement associations.

The Association has an active membership of over 500 members. Anyone (person or organization) interested in quality seed in general is encouraged to become a member of the Association. Membership in the Association provides the member information relative to the seed industry such as new developments, technical information, and sources and availability of seed, etcetera.

Washington State Crop Improvement Association, Inc. is funded by fees for services rendered and Foundation Seed sales.

NON-PROFIT
ORGANIZATION
U.S. POSTAGE
PAID
PULLMAN, WA
PERMIT NO 81

Washington State Crop Improvement Assn.
2575 NE Hopkins Court
Pullman, WA 99163
(509) 334-0461
RETURN SERVICE REQUESTED



PURCHASE ORDER – TERMS AND CONDITIONS OF SALE

Mail or fax to: Washington State Crop Improvement Association (WSCIA)
WSU Seed House, Grimes Way WSCIA - 2575 NE Hopkins Ct.
Pullman, WA 99164-6420 Pullman, WA 99163
Fax: (509) 335-7007 FAX: (509) 334-6809

Please Note: If you place an order by phone or e-mail, WSCIA will still need a signed copy of this form showing that you agree to the terms and conditions as stated below. If the signed copy is not received by WSCIA within 14 days of your order, WSCIA may terminate your order without notice.

- 1) This Purchase Order can only be changed or canceled if the purchaser notifies WSCIA within 7 days after this order is placed.
- 2) **Due to the cost and risk involved in producing seed, WSCIA requires at its discretion and purchaser hereby agrees, that any purchaser ordering seed in advance ("Year-in-Advance" order) must deposit 20% if required by WSCIA-FSS of the posted Foundation seed price with the seed order. The purchaser must also take delivery of, and pay for, 100% of seed ordered.**
- 3) WSCIA cannot, and does not guarantee the availability of any seed order. Therefore, if seed of a marketable quality is not available upon order, WSCIA in its sole discretion will choose whether to allow the purchaser to change, cancel or reconfirm the seed order beyond the change deadlines listed in Paragraph 1 above. Said changes will only be allowed if placed in writing and signed by WSCIA and the purchaser.
- 4) No seed orders will be returned or resold without prior written approval of WSCIA which WSCIA may withhold for any reason.
- 5) All Foundation class seed of allocated varieties must be used as Foundation seed only, and will not be reclassified to certified seed without written approval of WSCIA.
- 6) Seed is priced F.O.B. the storage location. All freight arrangements and/or charges are the sole responsibility of the purchaser. If someone other than the purchaser is to pick up the seed order, WSCIA must be notified in advance, in writing, of the name of the person or persons picking up the order.
- 7) Once the seed order has been loaded for the purchaser, WSCIA is released from any and all responsibility for the seed.
- 8) All special orders, such as orders of any variety of seed not listed on WSCIA's advance order form, will have additional charges including, but not limited to, freight charges, in addition to the established price set by the WSCIA Board of Directors.
- 9) If a seed shortage exists relative to a particular variety, the seed will be allocated among those ordering it according to WSCIA's Allocation Policy (11/18/02) which is incorporated herein by this reference. A copy can be obtained by contacting WSCIA.
- 10) **Limited Warranty: WSCIA warrants, to the extent of the purchase price only, that the seeds WSCIA sells will be labeled as required by law and will conform to the label description within the recognized tolerances in the seed industry and its standards. WSCIA DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE/USE.**
- 11) **WSCIA HAS MADE EFFORTS TO MINIMIZE THE POSSIBILITY OF OUT CROSSING, HOWEVER, WSCIA SELLS ALL SEEDS IN AS-IS CONDITION/FORM AND IS NOT RESPONSIBLE FOR ANY OUT-CROSSING WHICH HAS OCCURRED, MAY OCCUR, OR WILL OCCUR IN ANY FOUNDATION SEED PRODUCTION FIELD. THE PURCHASER OF THE SEED AGREES TO ASSUME THE RESPONSIBILITY OF REMOVING ANY VISUALLY OFF-TYPE SEED(S) WHICH MAY HAVE RESULTED FROM A CROSS-POLLINATION EVENT TO THE EXTENT THAT CERTIFICATION STANDARDS ARE MET.**
- 12) **LIMITATION OF LIABILITY: THE PURCHASER'S SOLE AND EXCLUSIVE REMEDIES FOR ANY AND ALL DAMAGES SUSTAINED AND/OR LOSSES SUFFERED WITH RESPECT TO THE PURCHASE AND/OR USE OF THE SEED ORDERED FROM WSCIA, WHETHER BY WSCIA'S BREACH OF WARRANTY, NEGLIGENCE, OR ANY BREACH OF ANY OTHER DUTY, IS LIMITED TO THE FOREGOING WARRANTY AND SHALL BE, AT WSCIA'S SOLE OPTION, LIMITED TO THE RECOVERY OF AN AMOUNT NOT TO EXCEED THE ORIGINAL PURCHASE PRICE OF THE SEED.**
- 13) **LIQUIDATED DAMAGES: The parties agree that should Purchaser fail to pay for and accept the seed per the terms of this agreement, that WSCIA's damages are difficult to ascertain in advance. The difficulty of ascertaining damages is partly due to the uncertainty of whether and to what extent WSCIA can mitigate its damages. Therefore, the parties agree that establishing liquidated damages remedy will lead to greater certainty of the parties' rights. The agreed liquidated damages is 80% of the original sales price or a lesser amount in WSCIA's determination.**
- 14) This agreement shall be governed by the laws of the State of Washington and venue for any action shall lie in Superior Court for Whitman County, Washington. This agreement may be subject to arbitration according to Chapter 49 of Title 15 of the Revised Code of Washington. In any action to enforce this agreement, the prevailing party shall be entitled to its reasonable attorney fees and costs.

Purchaser's signature

date

WSCIA

date