



# SEED BUZZ

The newsletter for WSCIA, which certifies small grains and pulse crops

## A WORD FROM THE MANAGER

This newsletter is going out a bit later than usual because we wanted to get as much information for the annual meeting and also new variety releases. One important thing to note is that WSCIA is going to be starting the process to increase the WAC 16-303-340 Seed Certification Fees. With the ever-increasing cost of providing certification services, we are taking a look at these fees than have not been adjusted in quite some time.

- Aaron Jeschke, WSCIA Manager

## CERTIFICATION UPDATE

Inspection teams are still working but getting toward the end of field inspections. A big thank you to all the inspection teams that put in the long hours walking fields. Also, thank you to contractors and growers for your patience in our inspection schedule and for getting your inspections arranged ahead of time. Overall, teams inspected about 60,000 acres all across Washington.

## FOUNDATION SEED NEWS

Darlene Hilkin, the “Wheat Queen”, announced her retirement for spring 2024. She has been a cornerstone of Foundation Seed for the past 47 years, there is really no words to express our gratitude to this commitment supporting WSCIA and the seed industry. We already have a new hire in place to ensure many months of cross over training. So, a warm welcome to Cheyan James who has come on board with WSCIA as Foundation Seed Assistant Manager. A University of Idaho graduate with B.S. in Agriculture Economics, Cheyan has a lot to learn from Darlene but is certainly up for the task. Welcome aboard Cheyan!



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# WSDA LAB UPDATE

Greetings from WSDA Seed Lab!

This year we have additional hires in the lab and have two action plans in place for the busy season. First, we have hired two additional non-permanent staff for the busy season. One staff will be part time, as needed, tasked with dish washing for viability germination boxes and TZ glass ware, stock supplies in the lab and file seed samples in our seed storage. The second staff will assist in all areas of the lab to pre-pick dirty samples, divide samples, set up viability tests, do seed counts and generally lend a hand where non-technical skills are needed. The goal of these two laborers will be support staff and allow the purity staff to focus on the details of actual analysis work. We have back filled the vacancy of the breakdown room position with a September start date. Additionally, a part-time accounts receivable position is established for a start date in September. The A/R tasks from invoicing, statement generation and dunning notices for the program will migrate to this new staff member. This will free up the office supervisor to be a working supervisor and do administrative tasks such as sample check-in, tag printing and accept Fall field seedling applications. We will have 3.75 FTE working hands in the office for administration tasks and two additional hands in the lab. It has been a solid two years since all our admin positions and additional lab staff have been filled for a busy season.

The program staff, leadership and management assessed again who does what task and how skilled tasks are assigned and completed. With the addition of the above-mentioned staffing and three in-training lab staff, who are working on educational benchmarks towards full accreditation with AOSA, I do believe the lab is on a correct pathway to timely services. The desired outcome is a streamline and division of the busy season workload that meets the expectations for timely services. Please reach out through the season with your observations. My leadership style is transparency with our team members and will share constructive feedback, included unfavorable and favorable reviews to assess how the staffing changes impacted our service turnaround time.

## A NOTE FROM USDA ON TITLE V AND CSO SEED

Regardless if they are the same company or different company entirely, businesses are required to have the certification tags completed and in place before moving the seed lot across the state lines. The Federal Seed Act enforces the interstate movement of the seed, regardless if there is money involved. For certified seed both Title V and certified seed only, label analysis and certification tag would need to be completed and in place before moving interstate commerce. FSA regulations section 201.74 talks about the labeling requirement for certified seed.

- Lan Chi Trinh, USDA, CSA | Seed Marketing Specialist





**DON'T MISS THE 2023 ANNUAL MEETING!**



# Annual Meeting

**NOVEMBER 13-14, 2023**

**Best Western Plus- University Inn  
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**Registration will open in early September**

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# VARIETY HIGHLIGHTS

## AgriPro/Syngenta, Greg McCormack, (620) 532-6283, [greg.mccormack@syngenta.com](mailto:greg.mccormack@syngenta.com)

- **AP Olympia** - High Performance for High Moisture. AP Olympia combines the yield potential and straw strength to be a top variety in higher yielding areas or under Irrigation. In the higher moisture/Irrigated environment, in multiyear AgriPro testing it has been 5% higher yielding than SY Raptor and 7% higher yielding than SY Assure. AP Olympia is medium maturity, with good Barley Yellow Dwarf tolerance, though it is susceptible to Soil Borne Mosaic Virus. It is considered very tolerant to stripe rust. AgriPro Associates will have Certified seed available, for planting in the fall of 2024. To find out more about AP Olympia, including yield data and a list of AgriPro Associates, go to [AgriProwheat.com](http://AgriProwheat.com)

## Limagrain, Bailey Jenks, (509) 520-5661, [bailey.jenks@limagrain.com](mailto:bailey.jenks@limagrain.com)

- **LCS Kamiak** is a new soft white winter release bred for high to intermediate rainfall zones with strong winter hardiness and high yield potential. LCS Kamiak is early maturing, has medium height, stiff straw, and excellent stripe rust resistance.
- **LCS Jefe** is a soft white winter wheat intended for intermediate rainfall zones with a medium maturity, short – intermediate height, good test weight, low protein, desirable end-use quality, and great stripe rust resistance. LCS Jefe has consistently yielded well across diverse crop years, proving its resilience in the PNW climate.
- **LCS Scorpion AX** is a new soft white winter CoAxiom release intended for the intermediate rainfall regions. With high yield potential, LCS Scorpion AX is a medium maturing and medium height variety that offers excellent stripe rust resistance and great straw strength.
- **LCS Reaper AX** is a new soft white winter CoAxiom release bred for intermediate rainfall zones with great straw strength and medium height. LCS Reaper AX has moderate stripe rust resistance and is early maturing.
- **LCS Dagger AX** performs well under a variety of rainfall zones. LCS Dagger AX is early maturing, medium height, and boasts resistance to Soilborne Wheat Mosaic Virus.
- **VI Voodoo CL+** is a soft white winter Varsity Idaho Clearfield variety that has performed well in low and intermediate rainfall regions across the PNW, proving to be highly adaptable. VI Voodoo CL+ has a shorter stature and medium maturity, as well as having desirable end-use quality.
- **VI Presto CL+** is a soft white winter Varsity Idaho Clearfield intended for low rainfall zones with great winter hardiness and desirable end-use quality. VI Presto CL+ has medium – tall height, medium maturity, great straw strength, and excellent stripe rust resistance.
- **LCS Missile** is a new hard red winter release that has consistently topped variety trials in multiple locations and rainfall zones. LCS Missile is a medium maturing, stiff strawed, medium height variety that offers excellent stripe rust resistance. With tolerance to high aluminum soils and most desirable end-use quality, LCS Missile is a stellar variety.
- **LCS Blackbird** is a new hard red winter variety intended for high rainfall and irrigated zones and has incredible yield and protein potential. LCS Blackbird has short height and medium maturity, as well as resistance to Soilborne Wheat Mosaic Virus.

## Oregon State University, Dr. Robert Zemetra, 541-737-5870, [Robert.Zemetra@oregonstate.edu](mailto:Robert.Zemetra@oregonstate.edu)

- **Appleby CL+** is an awned common soft white winter wheat developed by Oregon State University that is a 2-gene Clearfield variety intended for production in low to intermediate rainfall production zones in eastern Oregon and eastern Washington. Appleby CL+ has moderate resistance to stripe rust, an earlier heading date than current 2-gene Clearfield varieties and good yield potential, similar to currently available Clearfield varieties. End-use quality of Appleby CL+ is rated as 'Desirable' (D).
- **Nimbus (OR2130755)** is an awned common soft white winter wheat developed by Oregon State University that is intended for production in the low to intermediate rainfall production zones in eastern Oregon and eastern Washington. Nimbus is stripe rust resistant and moderately resistant to strawbreaker foot rot. Nimbus carries one gene for imazamox resistance making it tolerant to Beyond soil residues. Nimbus has an early heading date, similar to Norwest Tandem, and is a tall semi-dwarf, similar to Nixon but shorter than Norwest Duet. Nimbus has good yield potential and has a 'Most Desirable' (MD) rating for end-use quality.

## Oregon State University, Barley Project Denis Sather & Pat Hayes, [denis.d.sather@oregonstate.edu](mailto:denis.d.sather@oregonstate.edu), [hayesp@oregonstate.edu](mailto:hayesp@oregonstate.edu)

- If you know malsters and brewers interested in a 2-row winter modern heirloom malting variety – Lontra could be a barley for you to mention to them. **Lontra** (the name comes from the genus of that charismatic animal, the New World Otter) is an option to the Old World Otter (who goes by the name of Maris Otter, probably the most renowned heirloom malting barley in the world). OSU is proud to announce the culmination of years of research and breeding, starting with the cross of 04-028-36 (a 2-row winter malting variety from Ackermann Saatzzucht GMBH & CO) with Maris Otter. The resulting doubled haploid array - the "Romp of Otters" - was put through extensive agronomic, malting quality, and brewing trials. **DH142010** was selected as The Lontra and is now ready for its commercial debut.
- **Top Shelf** may someday be remembered as the founder of generations of GN0 winter 2-row varieties meeting the needs of the distilling industry. GN refers to glycosidic nitrile, a compound present in most malts which, during distilling, can be converted to ethyl carbamate - a carcinogenic. GN0 means zero glycosidic nitrile is produced in Top Shelf, due to a naturally occurring mutation. The variety - developed from the cross of an experimental GN0 selection with Full Pint parentage and Calypso – will be released in 2024. GN0 is a big news for malsters and distillers of all sizes – so keep your eye out for contracts and on the top shelf for fine American whiskey. Order in advance for Foundation seed in 2024. Lontra and Top Shelf are available for non-exclusive license.

## Washington State University, Marci Miller, Washington Genetics (509) 659-4020, [marci@washgenetics.com](mailto:marci@washgenetics.com)

- **Rollie (WA8334)** is a semi-dwarf soft white winter wheat intended to be grown in the low rainfall summer fallow-winter wheat rotation. Yield potential has been above average in this region, with good emergence from deep planting and good spring vigor allowing canopy closure to compete with weeds. The variety has excellent resistance to stripe rust, and carries genes for resistance to eyespot foot rot. Rollie also has very good end-use quality with high falling numbers.
- **Gemini (WA8310)** is a semi-dwarf, hard red winter wheat intended for the intermediate rainfall zones of Washington. It has a very good stripe rust resistance and good emergence from deep. Gemini also does very well in no-tillage systems, and has tolerance to low pH soils. This line has a very high grain yield when averaged over the 12-16" precipitation zones in the WSU Variety Testing program. The variety also has very good end-use quality attributes.

## VARIETY HIGHLIGHTS CONTINUED

- **WA8346 AX** (name pending) is a semi-dwarf, soft white winter wheat with tolerance to the Aggressor herbicide and approved for use in the CoAXium production system. This line has very good adaptability to different production regions across the state, especially in the intermediate and high rainfall zones. The variety has good emergence from deep planting, intermediate snow mold tolerance, and has moderate HTAP resistance to stripe rust. WA8346 AX has very high end-use quality attributes.
- **Windust (WA8362)** is a standard height soft white winter wheat intended for the low rainfall deep furrow planting systems of Washington. This line has shown excellent emergence from deep planting and in very dry planting conditions. Given that it is a standard height line, its overall plant height is taller than other cultivars, yet seems to have good straw strength and stands well. Windust has grain yield and other agronomic traits similar to other low rainfall lines. The variety has very good resistance to stripe rust, carries genes for eyespot foot rot resistance, and has very good end-use quality attributes.

**WestBred/Bayer, Nathan Clemens, (509) 570-8696, [nathan.clemens@bayer.com](mailto:nathan.clemens@bayer.com)**

- **NEW WB1621**, a new awnless soft white winter wheat that offers extremely high yield potential in both dryland and irrigated acres across the PNW. WB1621 is a medium – late maturing variety with strong winterhardiness and solid test weight. It's medium – tall in height, has moderate resistance to Stripe Rust and offers good mill/bake quality.
- **NEW WB1720**, new soft white winter wheat that is medium – late in maturity and has high yield potential across our intermediate – high rainfall zones and irrigated. WB1720 is medium – short in height, has excellent standability and offers resistance to Stripe Rust and moderate resistance to Cephalosporium Stripe.
- **NEW WB1922**, new soft white winter wheat that is late in maturity, tall in height with excellent standability and has high yield potential across all PNW dryland cropping zones. WB1922 offers Stripe Rust resistance, excellent winter hardiness, strong test weight and good mill/bake quality. Also offers moderate resistance to Cephalosporium Stripe.



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