An Official Publication of the Oregon Mheat Industry

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ON THE COVER: Photo courtesy of Bob Zemetra

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Ben Maney

President

Welcome to Spring everyone!! Springtime in Eastern Oregon is a great time through my eyes. Days are getting longer, everything is growing (even the weeds) and our crop year is beginning to take shape for what to expect this summer. As the excitement of the new year begins in farming, a new set of challenges arise as quickly. I think we can all agree that this year will be one of our most challenging years yet. Recently I had the privilege of coming across past Oregon Farm Bureau President Mac Hoke's annual convention speech; courtesy of Jen Currin. Mac's speech was interesting in the sense of what our industry was dealing with back in 1942. Farmers in the 1940's had the same challenges we are going through today. Heat, drought, price ceilings on wheat and input uncertainty were the common themes back then for Oregon farmers. I do not have to remind you of our challenges, because you live them every day. However, I would like to encourage you to continue your professional growth and keep striving towards your goals, no matter what challenges lay in front of vou. Having the ability to learn from our previous generations and embrace today's farming challenges is why our farms will survive into the future.

As we are all getting into our spring operations, at the Oregon Wheat Growers League we have been on the road, busy advocating for you in Washington D.C. and during our annual Wheat Day at the Oregon State Capitol. Our time in D.C. reconnecting with legislators in January went well this year. We were able to meet with the majority of our legislators in person during this annual visit, which is great compared to the zoom meetings that we have become accustomed to these past couple years. It was an important reminder of how valuable face-to-face communication with our legislative leaders can be.

With Farm Bill negotiations ramping up for 2023, the first areas of focus in meetings with our federal legislators was the critical importance of keeping crop insurance available as a valuable tool for farmers. Last year was a perfect example of how important crop insurance is to a farm, with how volatile the weather became going into harvest. The second item we discussed with our legislators was increasing our PLC reference price. Currently at \$5.50 per bushel, we are advocating for an increase to \$6.50 per bushel. Farmers are facing



sharp increases in input expense which is causing our breakeven point to be well above \$5.50 an acre. Having a \$6.50 reference price puts us more in line with our per acre operating expense for wheat growers. The third topic we focused on in D.C. is the value of the Snake River and Columbia River system of locks and dams to the agriculture industry. The ability for barges to ship grain to Portland from the east side of the state, instead of depending on trucks, is such an asset and value to our farms. Input savings, fuel management and efficient travel are just a few of the positives a strong river system provides for the PNW wheat industry.

As for our annual Wheat Day event at the Oregon State Capitol, we had a productive day talking with legislators over zoom on issues that directly hit home for all of us. Advocating for a fair and equal solution to ag overtime, ensuring we continue to have access to on-farm and road diesel, and promoting tax credits for volunteer firefighters in our communities were our three main topics for Wheat Day. A big thank you to Amanda Dalton and Nicole Mann at Dalton Advocacy for their work in planning our annual Wheat Day. They are in the trenches every day in Salem, advocating for us all.

One of the main reasons I became involved with the Wheat League is the opportunity to learn and improve my thinking on issues that directly affect the way I operate. As my years begin to add up on the farm, I have come to realize and appreciate the handful of things we can and cannot control. One thing I can control is knowledge and recognizing what an asset it is. I encourage everyone to drop by the Oregon Wheat Growers' website at www.owgl.org. We have great resources on the site and insight into issues locally and nationally that directly affect your farms.

Thank you again for your continued support towards the Oregon Wheat Growers League. I wish you all a safe and efficient spring season and please, let's all work together with our rain dance. We are in this together!!

Ber Mare

Wheat Leaders Meet in Washington D.C.

The Oregon Wheat Growers League conducted its annual winter mission to Washington D.C. in January. President Ben Maney, Vice President Collin Crocker, Past-President Clint Carlson, CEO Amanda Hoey and NAWG Secretary Brent Cheyne participated in a variety of meetings highlighting issues critical to the future of Oregon wheat producers. The League held a mix of in-person and virtual meetings with Representatives Blumenauer, Schrader and Bentz and Senators Wyden and Merkley.

"Following a year in which we were required to conduct only virtual visits, the opportunity to see our Representatives and Senators in-person in D.C. had tremendous impact. Wheat growers were one of the few groups able to hit the window of time in which legislator's offices were open to visitors," stated League Past President Clint Carlson. "We even had a pleasant surprise, with Oregon State Senator Bill Hansell joining our meeting at the Office of Representative Bentz. It provided a unique opportunity to advocate on issues affecting wheat growers that cross state and federal lines."

During the meetings, the League articulated priorities in relation to upcoming Farm Bill negotiations, the need to preserve navigation capacities on the river system, opportunities for enhancing trade and the value of research funding to Oregon wheat producer's long-term competitiveness. "Preparation of materials by Oregon Wheat Growers League staff and National Association of Wheat Growers (NAWG) in advance of the meetings ensured that we could maximize impact with a collective message for wheat priorities," stated Vice-President Collin Crocker.



League meets with US Representative Bentz and Oregon State Senator Hansell.

In addition to Hill visits, League attendees participated in the NAWG Winter Board meeting which featured a discussion with USDA Undersecretary Robert Bonnie and EPA Senior Advisor for Ag, Rod Snyder. The team also attended Wheat 106, an educational event for legislators hosted by the National Wheat Foundation.

Concurrently, the U.S. Wheat Associates winter meeting took place, with Commissioner Dana Tuckness, Commissioner TJ Hansell, CEO Hoey and US Wheat Chair Darren Padget attending. The Board meeting featured Jason Hafemeister discussing the state of trade and included approval of the budget, election of officers and a vote on the proposed Bylaws changes. The meeting included a number of committee discussions, with a highlight featuring updates from George Galasso, National Trade Director, Grains Program USDA/APHIS.



Past President Carlson and President Maney at the Office of US Representative Schrader.



Commissioners Tuckness and Hansell participate as voting members at U.S. Wheat winter meeting.

APRIL 2022

NAWG Sends Letter to Secretary Vilsack on Disaster Aid Implementation

The National Association of Wheat Growers (NAWG) sent a letter to U.S. Secretary of Agriculture, Tom Vilsack, in February highlighting wheat growers' challenges during previous iterations of ad hoc disaster assistance programs. The letter emphasized the timeliness of getting this aid rolled out and noted several past issues experienced by wheat growers in earlier programs – like WHIP+ and Quality Loss Adjustment programs. The letter urges the USDA to look at these issues when considering implementation of the \$10 billion in disaster assistance and thanks them for their cooperation in addressing these issues in the past.

Commission Welcomes David Prybylowski as Public Member

The Oregon Wheat Commission welcomed its newest member, Dave Prybylowski, during its Wheat Industry Advisory Council, Research Reviews and regular meeting. Dave will serve a partial term through June 2024, filling the position vacated by Travis Jones.

Oregon Wheat Commission Chair Jerry Marguth highlighted his appreciation for the service of Travis Jones reflecting that "Travis

was a dedicated advocate for the Oregon Wheat industry. His background working with the Idaho Wheat Commission, then in the corporate world, made him an asset to Commission, particularly in our work with other entities in the state." CEO Amanda Hoey echoed those comments noting the encouragement Travis supplied in external outreach. "Travis immediately engaged OWC in the World Affairs Council, introducing us to partners throughout the state concerned with matters of trade," stated CEO Hoey.



Chair Marguth further welcomed Dave to the Commission during the Commission meetings. "As I worked with Dave during his first meeting with the Commission, I am impressed by how he listens to issues and brings forth additional insight from his work in ag sustainability, other regions and other crops," he stated. Dave most recently served as a consultant to the American Peanut Council, including representing the council at Field to Market meetings where the National Association of Wheat Growers is a member. He holds a BS and MS in Chemical Engineering from Rensselaer Polytechnic Institute. He spent 25 years in food and raw materials research and development and twelve years developing ag sustainability programs. He now lives in Bend.

"I believe my broad experience in large scale food processing, with other crops and in other regions of the U.S. will be valuable to the Commission. Since I have a talent in food processing and ag sustainability, I would like to use this to support the further development of Oregon Wheat," stated Dave Prybylowski. ODA Director Alexis Taylor appointed Dave to the position at the end of February and the Commission welcomes him to his governance role.

NAWG Joins Crop Insurance Letters

The National Association of Wheat Growers joined the Crop Insurance Coalition, which represents farmers, lenders, ag input providers, and conservation groups in sending letters to each chamber's Budget and Appropriations committees and the U.S. Department of Agriculture and Office of Management and Budget. In these letters, NAWG and others urged lawmakers and the administration to protect crop insurance and oppose cuts that would jeopardize the program. The Oregon Wheat Growers League continues to hold the preservation and improvement of crop insurance tools as our highest priority in Farm Bill reauthorization considerations.

Student Success Shines

Oregon Wheat Foundation Scholarships Announced

The Oregon Wheat Foundation is pleased to announce the award of twelve scholarships to Oregon high school seniors. Each of these students will receive a \$1,500 scholarship to support studies at their selected university, community college or vocational/trade school. This year was a particularly competitive application round, with three times the number of applications in comparison to 2021. Last year, the Foundation grew the dollar amount available for each individual scholarship from \$1,000 to \$1,500 per student. This year, in recognition of the number of applicants, the Foundation extended the number of statewide scholarships to be able to support more students. "It is through the generous contributions of our wheat industry that the Foundation has a healthy base of resources to support the next generation through these scholarships," stated Dale Case, Oregon Wheat Foundation Board Chair. "The board was unanimous in its decision to expand the scholarship program and we thank the donors who make it possible." We congratulate the following scholarship recipients for 2022:

Nathan Bingaman graduates from Imbler High School and plans to study pre-law. He is the son of Wade and Ange Bingaman of Bingaman Farms. Nathan is active in FFA and 4-H, a member of the National Honor Society, active in the Imbler Future Business Leaders of America Chapter and is the current student body president.



He is a Boy Scout Senior Mentor and achieved Eagle Scout rank in 2020. He also plays Basketball and participates in Track and Field. Nathan is still deciding between his options next year but has already received dual credit hours through Eastern Oregon University, Walla Walla Community College, Blue Mountain Community College and Treasure Valley Community College.



Kendra Counsell graduates from Imbler High School and plans to attend Eastern Oregon University, with an emphasis in Agriculture Entrepreneurship. She is the daughter of Meghan and Scott Counsell. Kendra is a member of the National Honor Society and is actively involved in 4-H and FFA. She plays multiple sports including basketball, golf, track and field, volleyball, and trapshooting and is team captain of her cross-country team. She has a head start on her studies, with college dual credit in math, communication, humanities and ag. Kendra grew up on a family-owned cattle ranch and has worked the last three years with Murchison Farms: running a combine during harvest, checking fields for parasites or weeds, and ensuring safety during field burning. Currently she is working on obtaining her private pilot's license.

Sydney Dodge graduates from Pendleton High School and plans to pursue a career as an agricultural lawyer. She intends to attend the Colorado State University to major in Agricultural Science, Communication and Leadership, with a minor in Law after the completion of her Associate's degree at Blue Mountain Community



College. She is the daughter of Chad and Jody Dodge of Dodge Land & Cattle. Sydney is active in 4-H, the Washington and National Junior Angus Associations, Oregon High School Equestrian Team, Reined Cow Horse Events, and is a member of the National Honor Society. She is also extremely active in FFA, obtaining her State FFA degree.



Hannah Kortge graduates from Dufur High School and plans to attend Oregon State University, with an emphasis in Environmental Law. She is the daughter of Jeff Kortge and Cynthia Kortge of Kortge Wheat & Cattle. Hannah is a member of the National Honor Society, was captain of her Varsity team and was the Assistant Athletic Director. Hannah was a

Finalist for the Distinguished Young Women Program in 2021 and has volunteered for multiple organizations, including

consistently supporting the Jerri Walker DePriest Foundation for the past four years. Her interest in environmental law stems from a desire to protect and preserve agricultural spaces.

Tegan Macy graduates from Culver High School and plans to attend University of Idaho, with an emphasis in Crop Science. She is the daughter of Mike and Milne



Macy of Macy Farms. Tegan is active in FFA, has been a Culver Livestock 4-H club junior leader, was the Associated Student Body Vice President and was captain of her Varsity basketball and softball teams. In addition to working at Macy Farms doing irrigation, driving combine and swather, she also actively contributes back to her community through multiple service activities. She is a seventh generation Oregon agriculturist and hopes to continue her family's legacy.

Kinley McAnally graduates from Pendleton High School and plans to attend Montana State University, with an emphasis in Agriculture Business. She is the daughter of Maya Bates and Andy McAnally. She has been very active in FFA, serving as the FFA Chapter President, and played volleyball. She has spent countless hours on her family's century farm, out in the hay fields moving irrigation pipes, swathing,



raking, moving hay, and learning how to drive combine for wheat harvest. She cites a true work ethic and passion for agriculture developed working with her grandfather at Straughan Farms. Her goal is to become an advocate for the agriculture community.

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Kailey McGourty graduates from Vale High School and plans to attend Oregon State University, with an emphasis in agricultural business and marketing. She is the daughter of Michael and Amy McGourty of McGourty Farms. Kailey is a member of the National Honor Society, Science club president, Associated Student Body Secretary, President of Vale FFA, plays tennis and is the Team Captain for her basketball



and volleyball teams. She was selected by the Chamber as the Ontario Winter Wonderland Queen, representing the entire Western Treasure Valley. In addition to working on her family's farm where she feeds and moves livestock, bales hay, move sprinklers, drives trucks, and harvests crops, Kailey has been a student volunteer with the Bureau of Land Management and worked for Dentinger's Feed and Seed.



Grace Ogden graduates from Ione High School and plans to attend Oklahoma State University, with a double major in ag communications and animal science. She is the daughter of Jarrod and Alison Ogden. Grace is active in 4-H as a County Ambassador, is a member of the National Honor Society, plays Varsity volleyball and tennis and is Associated Student Body President. She has been a student

intern with OSU Morrow County Extension and an intern for Representative Greg Smith, in addition to working farm labor and driving combine at Ogden Farms and Weedman Ranches. She is also extremely active in FFA, serving as Chapter President and District Vice President and obtaining her State FFA degree.

Haylie Peterson graduates from Ione Community Charter School and plans to attend Blue Mountain Community College, with an emphasis in ag production. She is the daughter of Treve and Liz Peterson. Haylie is a member of the National Honor Society, involved in Ione FFA, a



member of the student body and active in multiple sports including Varsity basketball, volleyball and tennis. She is a Morrow County 4-H ambassador. In addition to working on her family Ranch, Rocky Bluff Ranch, Haylie most recently interned with Beef Northwest Feeders. She plans to return to the family ranch and farm after getting her degree.

Gabriel Petroff graduates from Dufur High School. He intends to major in Agricultural Business to learn marketing, financial accounting. and management operations of farming. He is the son of Ivan and Vicki Petroff of Petroff Wheat & Cattle, LLC. Gabriel is a member of the National Honor Society, active in 4-H, serves as Associated Student Body Vice President, plays



baseball and is a basketball Team Captain. He has worked for fruit, cattle, cherry, alfalfa and wheat operations, noting that working in wheat has taught him what it means to work hard, the process of raising a crop from start to finish, and valuable mechanical and operating skills. Gabriel's ultimate goal is to farm his own wheat.



Kassidy Schumacher graduates from Scio High School and plans to attend Oregon State University, with an emphasis in Biochemistry and Molecular Biology. She is the daughter of Aaron and Rhonda Schumacher of A&R Farms Inc. Kassidy has been an active member in the FFA, is a member of the National Honor Society and was an AVID class tutor. She managed basketball teams, competed at the

varsity level for cross-country and track, and has completed multiple half marathons. She has dual credit through Linn Benton Community College and her ultimate goal is to become a doctor. She cites the perseverance learned while operating equipment on her family's farm as a key to success.

Lannie Stonebrink graduates from Enterprise High School and plans to attend Oregon Eastern University, with an emphasis in Veterinary Medicine. She is the daughter of Melvin and Dena Stonebrink Lannie has been an active member in the FFA, participated as 4-H camp counselor, is a member of the National Honor Society and is active in multiple sports including cross-country, track and field, and golf. She has



spent her summers working at Stonebrink Farms for grain and hay harvests: driving grain truck, baling straw and loading and hauling hay. She plans to become a veterinarian, working in a mixed practice of small and large animals.

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Students were evaluated based on academic record, leadership, community service and the submitted essays. "The achievements of all the students submitting an application to the Foundation reflects a very bright future for our industry. I am excited by the potential reflected in this graduating class of seniors and look forward to their continued contribution to agricultural community," stated Amanda Hoey, Oregon Wheat CEO. The Oregon Wheat Foundation annually awards scholarships for high school seniors. Scholarship awards may be made to a qualifying student from each of the participating counties, which include Baker/Union, Gilliam, Klamath, Malheur, Morrow, Sherman, Umatilla, Wallowa and Wasco. In addition, awards may be made in the Willamette Valley region and in the Central Oregon region.

U.S. Wheat Associates Continues to Find Success in Virtual Programs

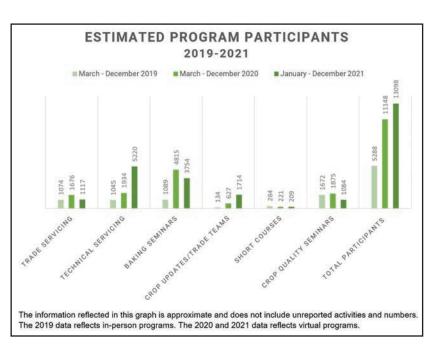
Catherine Miller, USW Programs Coordinator

With the COVID-19 pandemic still lingering in 2021, U.S. Wheat Associates (USW) continued to provide reliable, high-quality service to customers worldwide via virtual programming. The pandemic's start quickly brought challenges that no industry in modern history had experienced on such an immediate, global scale. However, USW quickly pivoted and adapted its programs. That experience and valued feedback we received better prepared USW to improve and expand virtual programs in 2021.

USW conducted more than 315 virtual programs in 2021 and reached over 13,000 participants. This increased from 296 virtual programs and 11,000 participants in 2020, even as some regions slowly began implementing in-person activities again this year. The chart below showcases a breakdown of the types of USW programs and compares virtual participant reach in 2020 and 2021 to pre-pandemic, in-person participant numbers in 2019.

"Marketing year (MY) 2021/22 combined ending stocks of major wheat exporters are projected to reach their lowest level in more than ten years. This tighter supply outlook among exporters pushed wheat prices to historically high levels, and adverse global weather conditions intensified market volatility," said USW Vice President of Overseas Operations Mike Spier. "In 2021, USW overseas staff rose to the challenge and increased the number of customers reached through crop and market updates by more than 1,000 participants compared to similar programs in 2020. This increased frequency in virtual programs and timely

10



market information kept buyers around the world informed of the latest wheat price, production and quality trends, helping them navigate tighter supplies, price volatility and challenges brought on by the pandemic."

In 2021, USW hosted a new monthly webinar series, "Creating Value for U.S. Wheat," hosted by Mark Fowler, USW Vice President of Global and Technical Services. With assistance from Catherine Miller, USW Programs Coordinator, the seven-part series featured technical topics and current market trends such as solvent retention capacity (SRC), flour blending, flour particle size impact, stream

selection and more. Webinar speakers included USW's in-house technical staff, including Fowler, Roy Chung, Ivan Goh, Tarik Gahi, Peter Lloyd and Andrés Saturno. The monthly webinars ran from April to October and reached more than 1,840 participants.

Another highlight from USW's 2021 virtual programming was the first-ever "School of Wheat Quality Course." USW collaborated with Dr. Senay Simsek, Purdue University, and Brian Sorenson, Northern Crops Institute (NCI), who designed and executed two intensive 6-week virtual sessions for customers in South and Southeast Asia. Participants took a deep dive into the various steps of wheat quality testing from field to table through live-streamed lectures and demonstrations. Benchmark exams were conducted throughout the 6-week course and were a requirement for graduation-a helpful tool to ensure participants stayed engaged.

"These courses provided foundational instruction on testing wheat and flour quality. Training mill staff how to accurately measure quality parameters and compare attributes offered by different types of wheat helps illustrate the superior quality of U.S. wheat classes," said USW Regional Vice President for South Asia Joe Sowers. "Courses like this are a win-win for USW and our stakeholders. They facilitate the success of collaborating millers while proving the value proposition of using U.S. wheat."

For the U.S. wheat industry and its overseas customers, who share historically long connections, meeting together in person here and abroad has always been paramount to its successful relationships. While the value of faceto-face activities is irreplaceable, the unique opportunity to increase USW's reach to customers has become a silver lining to the challenges brought on by the pandemic. Going forward, USW sees the value in leveraging a mix of in-person and virtual programming to best serve its customers. FARM CREDIT SERVICES



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2022 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:// wwwd.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 (http://variety. wsu.edu); 3) North Idaho Extension Cereals Program (https:// www.uidaho.edu/extension/cereals/horth/variety-trials); 4) Oregon Elite Yield Trials (https://agsci.oregonstate.edu/ wheat/osu-wheat-variety-trials).



Washington Grain Commission

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OWC

OREGON WHEAT COMMISSION

Oregon Wheat Commission

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USDA Western Wheat Quality Lab

Alecia Kiszonas, Cultivar Development Manager

(509) 335-4062 E-mail: alecia.kiszonas@usda.gov

Website: http://wwgl.wsu.edu

Preferred Wheat Varieties is provided courtesy of: The Washington Grain Commission, the Oregon Wheat Commission, and the Idaho Wheat Commission.

The G&E Study is financially supported by the WGC, OWC, and IWC.

2022 PREFERRED WHEAT VARIETIES

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Abbreviations

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Hard white wheats are scored for export quality requirements such as bread quality and patential moode 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.



Jerry Marguth

OWC Chair

As I write this two months before you read it, my fervent hope is that we may be out from under the global carnage and chaos caused by the pandemic to a degree that allows us to begin getting back to some semblance of a normal existence. I also hope that spring is treating you well and that your crops are moving in the right direction. Not too long after I write this, the Oregon Wheat Commission will meet with researchers to evaluate submitted research proposals for the coming annual funding cycle. As I have mentioned in the past, we have a very talented and diverse group of researchers at OSU as well as WSU and Idaho. Occasionally Oregon is invited to participate in collaborative research of benefit to the greater Tristate region. And sometimes we do.

Scientific and technological discovery continue to change the landscape of how we approach resolution of some problems that we have battled for a long time and also at times we learn about issues that we didn't even know we had. All to the benefit of increasing crop yields and crop value in the most efficient way. Oregon wheat growers have worked long and diligently to bring to our customers a premium product and we will continue to elevate the bar as we move forward.

I have always had a simplistic view as to how I might improve yield and quality on crops I have raised and it boils down to this: remove all definable stress from the plant. Nutritional deficiencies, pest (whether plant or animal) reduction, hydration at the appropriate level, sunlight exposure (plant and row spacing), in some cases air drainage comes into play with row crops, etc. In short, anything that can be qualified as a plant stress may be manageable with cultural practice. Nothing new about it and probably the way that most of us have always behaved. Apologies to anybody that thought I was going to reveal some magic protocol for success in farming. The point of this is simply that we improve our ability to recognize those stressors and deal with them through research. Someone has to test a new hypothesis in accordance with the scientific method and show that statistically the hypothesis was correct to a reasonable certainty in the full daylight of peer review. And that my friends, is where our commission demonstrates value by supporting that research to allow for new discovery.

OREGON WHEAT COMMISSION

So by the time this is printed we will as a group, have had a serious look at the requested proposals and started to formulate a plan for funding based on discussions with the researchers involved, whether the proposal fits a need in our industry, whether it's on a scale that we can afford, and other considerations as to general applicability, etc. As I said earlier we have a talented group of researchers that keep very informed as to our most pressing crop concerns. Then it falls upon us to keep it within our funding goals.

Having said that, we as a group of all concerned wheat growers and handlers need to first evaluate how we faired on the most recent crop year. Or in other words how much wheat did the state produce from the 2021 harvest and how much assessment revenue accrued. As we all know now, the harvest of 2021 fell short of even the most meager of expectations and the commission resources did not expand as much. The commission maintains cash reserves which will help to level out the funding in short years but the commission will still probably lean toward the frugal side as we examine proposals. The concern in most people's minds will be whether we are looking at a one off downturn or is this merely the beginning of a depressed cycle due to shifts in long term weather patterns, or whatever. The highest duty of the Oregon Wheat Commission is to guard and protect the value of the grower's investment and ensure that dollars are spent in the most beneficial manner. Coupled with evaluation of research to be funded in this fiscal cycle, the commission will also factor in long term commitments to industry partners, as well as market promotion activities in the fiscal year. And eventually we will present a budget for consideration and approval.

So my hope for all of you is a safe and bountiful harvest this year.

"The college idealists who fill the ranks of the environmental movement seem willing to do absolutely anything to save the biosphere, except take science courses and learn something about it"

P. J. O'Rourke 関

Selecting Variety Testing Locations That Best Reflect Your Farm

Ryan Graebner, Assistant Professor

Variety selection is one of the most important agronomic decisions a grower makes. Selecting an appropriate variety using data from the most relevant reports minimizes the risk from disease and abiotic stress while maximizing yield potential. With seventeen winter sites and eight spring sites (including trails



conducted in collaboration with WSU and UC Davis), the OSU Cereal Extension Program offers performance data in a wide range of agronomic zones. Trials include leading varieties, as well as experimental lines from a diverse range of public and private plant breeding programs. Reports are typically posted to our website within one month of harvest (https://cropandsoil.oregonstate.edu/wheat/osu-wheatvariety-trials), although sometimes specific reports may take longer.

One challenge of interpreting variety testing data is to know which report (or reports) best reflect your farm. Below is a summary of site attributes to consider, roughly in order of importance. When possible, considering data from multiple variety testing locations can help ensure you select a variety that can perform well across a range of conditions, which may make the cultivar less susceptible to unusual weather.

Irrigation and Rainfall Zone

Irrigation and rainfall are the most important factors to consider when looking at variety testing data, with the best predictions coming from sites that are located in similar rainfall zones. While we split trials into "Low Rainfall" and "High Rainfall and Irrigated" in our regional summaries, a



The winter wheat variety 'Norwest Tandem' growing in three locations: the 2020 Moro-Kaseberg OWEYT, the 2021 Pendleton OWEYT, and the 2020 Hermiston OWEYT, from left to right.



more detailed breakdown might split trial locations into the four categories:

- "Low Rainfall"- Sites with less than 14" rainfall (Kent, Condon, Moro, Dufur, Lexington, and Eureka)
- "Intermediate Rainfall"- Sites with 14-25" rainfall (Pendleton and Walla Walla)
- "High Rainfall"- Sites in the Willamette Valley (North Willamette and South Willamette)
- "Irrigated"- Sites with supplemental irrigation (Madras, Hermiston, La Grande, and Ontario)

Proximity and Environmental Conditions

After irrigation and rainfall, selecting sites that are closely located and have similar environmental conditions can help to ensure that a variety testing report reflects your farming system. In addition to rainfall, geographic proximity can be linked to elevation, soil type, temperatures, and the timing of precipitation. When relevant, major events like severe drought or disease epidemics are reported in the site descriptions of variety testing reports.

Target Yield

Finally, a trial's average yield can be used to gauge how closely it represents your growing conditions. For example, while both our Hermiston and La Grande sites are irrigated, the top varieties in our Hermiston soft white winter trial average 120-130 bu/acre, while the top varieties in our La Grande soft white winter trial generally average above 150 bushels/acre. For a grower in the Hermiston area used to achieving yields above 150 bu/acre, the La Grande report may be as representative as the Hermiston report.

Spring Wheat and Barley

Selecting varieties for spring wheat and spring barley can be more difficult than for winter wheat. This is both

CONTINUED ON PAGE 16

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because we don't have as many spring sites as winter sites in our program, and because spring trials are more prone to failure, leaving us with fewer years of data to draw from. Because we have less data for spring crops, considering variety testing reports from Washington State University (https://smallgrains. wsu.edu/variety/), the University of Idaho (https:// www.uidaho.edu/extension/cereals/scseidaho/sgr), and UC Davis (https://irec.ucanr.edu/Research/ Past_Research/Cereal_Projects_829/ and https:// smallgrains.ucanr.edu/Annual_Variety_Results/) can help supplement information for OSU reports.

An Update on CoAXium Soft White Winter Wheat Varieties

Five CoAXium soft white winter wheat varieties are expected to be available from Limagrain Cereal Seeds in fall 2022: LCS Sol AX, LCS Mani AX, LCS Dagger AX, LCS Kraken AX, and LCS Hydra AX. Due to the rapid pace of these varieties' development, we do not expect to have our first set of yield data for these varieties until summer 2023. If you plan to grow one of these varieties in fall 2022, work with Limagrain and your seed dealer to select a variety with similar maturity to varieties that have been successful on your farm. Also, please note that LCS Sol AX and LCS Dagger AX are listed as having "below average" stripe rust resistance on the Limagrain website. If you plan to grow either of these varieties, monitor your fields for stripe rust infection and be prepared to apply fungicides if needed.

Contact

Of course, if you are ever unsure of which variety to grow, please feel free to call me any time. I can be reached by phone at (541)359-751, or by e-mail at ryan.graebner@oregonstate.edu.

Researchers' Names and Titles:

Ryan Graebner, Assistant Professor

2021 Grant Titles and Funding Levels:

Wheat and Barley Variety Testing in Oregon, \$155,496

Grant summary:

The Oregon statewide variety trials provide growers with performance data on commonly grown and newly released wheat and barley varieties. Our close collaborations with public and private breeding programs allow us to test promising experimental lines and often allows us to accumulate 2-3 years of data on varieties before they are released. Wheat varieties are evaluated in four trials: the Oregon Winter Extension Yield Trial (OWEYT) for soft winter wheat, the Hard Winter Extension Yield Trial (HWEYT) for hard winter wheat, the Oregon Spring Soft Yield Trial (OSSYT) for soft spring wheat, and the Oregon Spring Hard Yield Trial (OSHYT) for hard spring wheat. Barley varieties are evaluated in the Oregon Spring Barley Variety Trial (OSBVT) and the Oregon Winter Barley Variety Trial (OWBVT). In the 2021-2022 season, the cereal extension program will evaluate varieties in seventeen winter wheat, eight spring wheat, two winter barley, and six spring barley locations throughout Oregon, eastern Washington, and northern California (trials in neighboring states are conducted in collaboration with variety testing programs in those states). Trial locations are chosen to capture a range of environmental conditions and cropping systems in the wheat production areas of Oregon. We evaluate each variety in the program for yield, test weight, grain protein, plant height, and heading date, and work with Professor Chris Mundt, Professor Andrew Ross, and the Western Wheat Quality Laboratory to evaluate each winter wheat entry for disease resistance and end-use quality.

Introduction to the article and how it relates to grant work:

One of the more challenging parts of interpreting variety trial results is knowing which variety testing locations are most representative of a specific farm. This article considers how rainfall and irrigation levels, yield, geographic proximity, and other environmental factors can be used to choose the best wheat and barley varieties for your farming system.

USW Elects Officers

The U.S. Wheat Associates (USW) board of directors elected new officers for the organization's 2022/23 (July to June) fiscal year at their meeting January 14, 2022, in Washington, D.C. The board elected Clark Hamilton of Idaho, as Secretary-Treasurer; Michael Peters of Oklahoma, as Vice Chairman; and Rhonda Larson of Minnesota, as Chairperson. These farmers will begin their new leadership roles at the USW board meeting in June 2022. Current Chairman Darren Padget, will become Past Chairman at that time. We look forward to celebrating Darren's leadership at the summer US Wheat meeting in Bend, Oregon June 6-9.



L to R: Michael Peters, Darren Padget, Rhonda Larson, Clark Hamilton, Vince Peterson.

First Load Of Tariff-Free U.S. Wheat Arrives In Vietnam

Following productive talks with the United States last year, the Vietnamese government eliminated a three percent U.S. wheat import tariff on Dec. 30, 2021. On Feb. 6, 2022, the first shipment of U.S. wheat purchased without a tariff arrived at port in Ho Chi Minh City, carrying more than 68,350 metric tons of soft white and hard red spring wheat grown in the Pacific Northwest and Northern Plains.

"With the import tariff reduced to zero, the Vietnamese buyer saved almost \$1 million on this vessel load of U.S. wheat alone," said Robert Hanson, Agricultural Counselor, USDA Foreign Agricultural Service, Hanoi. "We thank the Vietnam government for ending the tariff, a decision that will hold the line on food costs and help make U.S. wheat more competitive in Vietnam's growing market."

"The Foreign Agricultural Service worked hard to cut this barrier and level the playing field for U.S. wheat in Vietnam," said Vince Peterson, President, U.S. Wheat Associates (USW). "Vietnam first reduced the U.S. wheat import tariff from five percent to three percent in July 2020. The talks continued until Vietnam published the final decree, and USDA and U.S. Trade Representative Katherine Tai announced in November 2021 that the tariff would be eliminated."



A bulk vessel loaded with more than 68,000 metric tons of U.S. wheat purchased by Vietnamese flour millers after the Vietnam government eliminated a 3% U.S. wheat import tariff arrived in Ho Chi Minh City on Feb. 6, 2022. Eliminating the tariff helps make U.S. wheat imports more competitive with Australian and Canadian wheat. Photo courtesy USDA Foreign Agricultural Service.

Vietnam imports an average of about four million metric tons of wheat per year. Australia and Canada are large wheat suppliers to Vietnam and have enjoyed dutyfree access to Vietnam for many years under regional trade agreements.

However, despite the applied U.S. wheat import tariff, Vietnamese millers doubled U.S. import volume to more than 520,000 metric tons between 2015 and 2021. In addition to soft white and hard red spring wheat, Vietnam imported U.S. hard red winter and soft red winter wheat in 2021. That returned about \$130 million to U.S. farmers and the wheat supply industry.

"Eliminating the U.S. wheat import tariff came at the right time for Vietnam given the run-up in U.S. and global wheat prices," said Peterson. "We will keep helping Vietnamese customers gain more value with the U.S. wheat supplies needed to meet the growing demand there for better quality wheat foods."



Digging In

Amanda Hoey, Oregon Wheat CEO



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There is nothing quite like the smell of the first rain of the season. "Petrichor" is the term used to describe that 'distinct scent of rain in the air.' I appreciate having a term to describe something that can be so elusive. To be even more precise as to the term and the smell: petrichor is 'the name of an oil that's released from the earth into the air before rain begins to fall.' For me, it is a smell of joy deeply

ingrained into my DNA. In the drier, more arid parts of our state, such as the dryland wheat farm I grew up on, that smell is a harbinger of better days- stronger healthier plants and a better harvest.

Undoubtably, how much I get to enjoy the smell of petrichor translates into outcomes for the 2022 crop, as we sit in the critical window of time in plant development. Extended drought conditions over the past years have left much of Oregon's wheat growing areas without deep soil moisture and with low reservoirs. The success- or lack ofin obtaining sufficient moisture (and I would be remiss if I did not also add the ability to acquire inputs timely and affordably given the tenuous situation on the input side) will dictate assessment resources available for ongoing work for wheat agencies.

Having just completed our annual research proposal solicitation and review process, those potential impacts to budgets are already shaping deliberations on the work to be conducted into 2023. Given our current budget situation, the Commission communicated in advance to researchers our focus on continuation projects to sustain essential research at level. What can we expect to see from research? While final decisions are made in May and June, the following submissions were discussed in February:

• Wheat and barley breeding for improved Oregon cultivars. A major element in the consideration for this year is the upcoming retirement of our wheat breeder, Dr. Bob Zemetra. The Commission has been working with the University to ensure no gap in the position. My appreciation to interim Dean of Ag Staci Simonich and College of Ag Sciences Crop/ Soil Sciences Department Head Tom Chastain for their attentiveness to our industry needs in filling this position.

- Variety trials testing to assess performance of varieties best adapted to our range of environments. The welcome return of field days will extend this information from the research field out to producers.
- Plant pathology work to screen for resistance to major diseases, assess disease resistance through wheat microbiomes, conduct stripe rust control work, and research the impact of volunteers and grassy weed control on root disease.
- Cereal quality testing to ensure we can sustain and improve upon wheat quality to meet our customers' needs. Included in this magazine edition is the Preferred Varieties Brochure list, a tool to assist in future variety selection for the highest quality options, once agronomic considerations are covered.
- Weeds management controls.
- Finally, new is a small allocation to cereal leaf beetle work in the Treasure Valley.

We are in a position where we have lessened the reliance on Commission funds in certain areas due to the advocacy work by producers and the League to attain direct funding allocation to research programs, including dollars direct to the cereal quality lab and the Pendleton station. Those outside resources provide added stability and allow us to eliminate the block grant, freeing dollars for primary projects. Further, decisions by the Commission to invest in facilities and equipment during years where we had a healthier revenue base, allows us to focus directly into core programs in the upcoming year. However, we will still utilize a good segment of reserves we built over the past two years and if drought and crop challenges continue, we will use the remainder of those reserves, plus reserves built from years prior, which are designed to weather the ups and downs of crop cycles.

We take the ups with the downs. To that end, a foul smell is what I associate with that precious smell of rain: the pungent release from a stinkbug. My grandfather would advise that if we saw stinkbugs in the fields, rain was coming. An old farmer's wisdom that I have found to be entirely accurate. Any time I see the stinkbugs coming out in force, I know to be looking for my rain jacket. So, bring on the stinkbugs. I am ready to enjoy that earthy scent of bugs, soil and rain and the translation of that to healthier crops.

OREGON WHEAT GROWERS LEAGUE

GROWER MEMBER BENEFITS

What do you get from your membership?

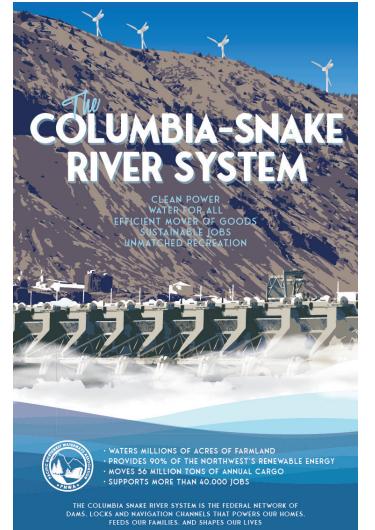
- Representation and advocacy at the federal level, in partnership with National Association of Wheat Growers (NAWG).
- Representation and advocacy at the State level through our contract lobbyist, Dalton Advocacy, and in partnership with agriculture and natural resource groups.
- Leverage on state and federal issues through partnership with Oregonians for Food and Shelter, Oregon Business & Industry, PNW Waterways Association, and more.
- Access to state and federal agencies to bring favorable changes to administrative rules for the agriculture industry.
- Bi-weekly newsletter and bi-monthly magazine.
- Access to members-only content of the industry website.
- Support for training of future industry leaders.
- Access to educational seminars.
- Access to county grower meetings.
- Voting privileges at the Annual Meeting.
- Reduced registration cost for the Tri-State Grain Growers Annual Convention.
- Supervised Fuel Discounts at participating providers.
- Scholarship opportunities.
- Life Flight Network discount.
- SAIF discount!
- Aglink Partnership for Associated Health Plan Access

Your contributions to the organization are crucial in maintaining the future success of our Organization!

YOUR ASSOCIATION - YOUR VOICE

Team Registration Open for Annual Foundation Golf Scramble

Mark your calendars for the 25th annual Oregon Wheat Golf Scramble. The event will be held May 11, 2022 at the Golf Course at Birch Creek in Pendleton. Registration for teams is now open at www.owgl.org/golf. The OWF Golf Scramble benefits programs and projects, including contributions to the Oregon Agriculture in the Classroom Foundation, the Oregon Century Farms and Ranches Program, and more. We appreciate the generosity of our sponsors and look forward to seeing teams in May!



20



League Video Highlights Role of River System in Efficient Transport of Wheat

The Oregon Wheat Growers League announces the release of a new short video discussing the importance of the Columbia-Snake River system, which provides river transport 465 miles inland from the Pacific Ocean to Lewiston, Idaho. The video features Jason Middleton from United Grain highlighting the navigation capacities of the river system which are critical to supporting the shipment of wheat, one of the top agricultural products grown in the Pacific Northwest. Barging plays a key role in this transportation system, ensuring access to international markets. The Columbia Snake River System is the nation's single largest wheat export gateway, transporting over 60% of all U.S. wheat to markets overseas. This system ensures the most efficient and environmentally friendly transportation of wheat, reducing traffic congestion, carbon emissions and pollution by taking trucks off the road.

The video pairs with outreach being conducted through the Pacific Northwest Waterways Association (PNWA) and NW RiverPartners on the many roles of the river system. It can be accessed at: https://youtu.be/fXf-sUJ4QeI or from the League website.

Wheat Day at the Capitol a Virtual Success

The Oregon Wheat Growers League Executive Team held its virtual wheat day at the Capitol in February, meeting with Oregon State House and Senate leaders during the second week of the 2022 short session. The meetings fell immediately prior to a major deadline for bill hearings, so were particularly well-timed to deliver the League's concerns on proposals that would impact diesel fuel, discuss the need for resources for volunteer firefighters, highlight support for university research programs, and describe the impacts of the ag overtime bill.

Meetings were held with those in leadership for both ag and natural resource committees, several of whom were new. In each meeting, the team sought to

provide education on the impacts of proposed policies to wheat producers and preserve a seat at the table on issues. "We faced really difficult conversations this year on how restrictions and policies will directly affect our operations," stated President Ben Maney. "However, the Representatives and Senators we met with were receptive to keeping dialogue open and seeking options to further address impacts in the upcoming long session in 2023."



Due to Capitol restrictions, the League was unable to do the traditional celebration with cake for the state's 163rd birthday but continued the celebration remotely. We extend a special thanks to Senator Bill Hansell for his courtesy issued on the Senator Floor during our Wheat Day at the Capitol, welcoming the wheat growers and highlighting a variety of wheat facts.

National Wheat Yield Contest Open for Entries

The National Wheat Foundation is accepting grower enrollment for the 2022 National Wheat Yield Contest. The contest is divided into two primary competition categories: winter wheat and spring wheat, and two subcategories: dryland and irrigated. Winter Wheat entries are due May 16 and Spring Wheat entries are due August 1. There is a discount for early entries; by April 15 (winter wheat) or June 15 (spring wheat).

The contest will be in its seventh year in 2022 and receives about 400 entries each year. This year marks a change to incorporate a quality component and national winners will also be able to receive a cash reward for meeting the industry-desired quality targets for their class. Contestants will be asked to get their wheat graded at a local elevator and upload proof that it is Grade 1 or 2 to their harvest record on the website. The winners will all be required to send in a 6 lb. sample, which will be tested for baking and milling qualities. Read more or enter at yieldcontest.wheatfoundation.org.



RECIPE Fresh Rhubarb Dessert

We love this perennial vegetable for its tart vibrant flavor in early spring. When paired with flour and bread made from Oregon wheat, it is a satisfying treat that takes us back to our roots. Enjoy this delicious dessert that transforms day old bread into a lightly sweet treat.

Recipe source: eatwheat.org



INGREDIENTS

1 ¼- 1 ½ cups sugar (depending on tartness of rhubarb)

1 tablespoon all-purpose flour or cornstarch

1 teaspoon grated orange zest, divided 5 cups rhubarb (cut in ½-inch slices) 1 (15 oz.) can mandarin oranges, drained* 4 cups (1-inch) bread cubes, divided ½ cup melted unsalted butter, divided ½ cup sweetened flaked coconut

* 2 oranges peeled, sectioned and diced may be substituted

¼ teaspoon salt

INSTRUCTIONS

- 1. Preheat oven to 375°F. Spray with non-stick cooking spray a 9 10-inch baking dish.
- 2. In large bowl, using a spoon combine sugar, flour, salt and 1/2 teaspoon orange zest. Mix in rhubarb and oranges. Add 2 cups bread cubes and ¼ cup melted butter; mix lightly. Place in baking dish.
- 3. Combine remaining bread cubes, melted butter, orange zest and coconut. Sprinkle over rhubarb.
- 4. Place dish on baking sheet. Bake 40-45 minutes or until lightly golden brown and rhubarb is

tender, the topping is crisp, and the juices are bubbling. If top is browning too quickly, tent with foil the last few minutes.

 To serve, scoop out with a spoon and serve warm. If desired, serve with freshly whipped cream or with a scoop of ice cream on top. Refrigerate any leftover dessert. Good served warm or cold.



Get ready for planting season.

COAXIUM[®] SOFT WHITE WINTER WHEAT IS HERE.



CoAXium wheat treated with Aggressor

Bred specifically for Pacific Northwest growing conditions, new CoAXium SWWWs in combination with Aggressor[®] broad spectrum **grass** herbicide give you unmatched control over grassy weeds on your wheat acres.

Contact your local dealer and reserve your seed today.

Elite CoAXium soft white winter wheat varieties will be available this fall, and Certified seed will go fast. Get yours today, then prepare your fields. CoAXium wheat varieties carry no tolerance to Beyond herbicide, so be mindful of soil residual from spraying this spring.



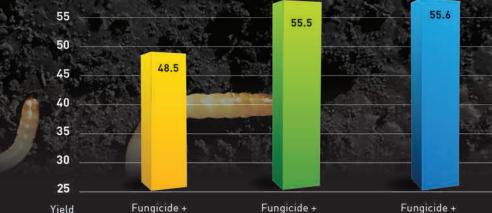
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DON'T PLAY GAMES WITH MANAGING WIREWORMS IN YOUR FIELDS THIS SPRING...

Independent thirdparty trial data has proven that Albaugh's robust fungicide package plus Resonate® and Lumivia® wireworm seed treatment provided performance on wireworms with a better return on investment.

2021 PNW Customer 11 Site Summary Trials Includes Wireworm Populations from Low to High Pressure



Fungicide + Insecticide only

Bu/Ac

Fungicide + Resonate® 2.4 oz/cwt + Lumivia® 0.50 oz/cwt Fungicide + Teraxxa® 4.6 oz/cwt

The data is in and shows that the combination of Resonate insecticide plus Lumivia CPL insecticide provides a one-two punch for control of wireworms, aphids and cutworms.



Albaugh is committed to delivering a complete seed treatment solution for insects and disease control based on performance targeting wireworms, aphids and suppression of Hessian Fly.





INSECTICIDE SEED TREATMENT

Contact your local seed retailer for more information on using Albaugh's complete pest management seed treatment offer.

Refer to each product label for complete use directions and restrictions. Resonate® is a trademark of Albaugh, LLC. Lumivia® CPL is a trademark of Corteva Agriscience. Always read and follow label directions. EPA Reg. No. 42750-133 AD No. 110316. EPA Reg. No. 352-841.