

Minutes of the 2018 Cereals Advisory Committee

(CAC)

to the Certification, Foundation Seed and Plant Material Board

Friday, November 30, 2018

Room 138, Crop Science Building

Corvallis, Oregon

(with participants at remote locations via video conferencing:

Pendleton and Hermiston, Oregon and Pullman, Washington)

Present: Lee Von Borstel, Chair, Sherman County Wheat Grower; Mindy Duerst, Ioka Farm/Marketing; Kurt Farris, Helena Chemical; Bob Zielinski, Scenic Valley Farms; Joe McDonald, Pendleton Grain Growers; Curt Howell, Oregon Trail Seed; Ryan Graebner, OSU Extension Cereal Specialist; Matt Koelding; Lauren Port, Washington State Crop Improvement; Brian Haverkamp, Pioneer; Bob Zemetra OSU Wheat Breeding Project; Elizabeth Savory, Oregon Department of Agriculture; Dave Stimpson, OSU Seed Lab; James Farris, Macy Farms; Dan Curry OSU Seed Services; Tami Brown, Rachel Hankins, Mary Beuthen, Terry Burr, John Zielinski, Barry Schruppf, Andy Altishin, OSU Seed Certification

Call to Order and Introductions.

Lee Von Borstel called the meeting to order at 10:15. Those in attendance introduced themselves and announced their affiliation with the group. Members calling in via video conference from the OSU Extension Office in Pendleton, Pioneer facility in Hermiston, and the Washington Crop Improvement Association in Pullman then introduced themselves.

Item 1. Changes/ Additions to the Agenda.

No items were added or changed.

Item 2. Approval of the 2017 Minutes.

M/S (Bob Zielinski/ Kurt Farris) to approve the minutes from the 2017 meeting as posted on OSCS website- approved.

Item 3. Certification Board Actions (2018) concerning cereals.

The Certification, Foundation Seed and Plant Materials Board met on February 13, 2018 to review and take action on recommendations from each of the Advisory Committees: Seed Conditioners, Grass and Legume, Cereals, Mint, Potato, and Tree seed. Lee Von Borstel explained that two recommendations from this committee were made to the board and both were accepted. The first action was to adjust footnote 3 in the small grains field standards to read, "No Triticale in or out of count during seed crop inspection, except in the Certified class of Cereal rye and then not to exceed 1:20,000; further, no re-inspection is allowed in the

Foundation class of Wheat.” The second action transitioned the jurisdiction of sunflowers to the CAC.

Item 4. Cereal Variety Advisory Committee (CVAC) Update.

Kurt Farris gave an update from the CVAC meeting (**Appendix A1**) that was held on October 29, 2018. A motion to raise suggested royalty of OR2121086 from 1 cent to 2 cents per pound was approved. Bob Zemetra shared the status of some new varieties and some of the delays and obstacles the breeding program is up against. An issue of selling uncertified seed as certified was brought up from the CVAV report. The group made the point that this is a serious issue and was curious of what the consequences are going to be; which has not yet been decided. Bob Zielinski’s opinion was that the PVP needs to be enforced.

Item 5. Report from the Corn Sub-Committee.

Tami Brown, the OSCS Corn Program Coordinator, presented a report from their meeting. The Corn Sub-Committee meeting was held on November 5, 2018 via phone conference. The participants were Patricia Guay, Chair, Bayer; Brian Haverkamp, Pioneer; Dalton Owen, Pioneer; Chey-Ann Hug, Pioneer; Tami Brown, Andrew Altishin, Alex Albion, Mary Beuthin, OSCS. The previous growing season and some statistics of the program were discussed at this meeting, along with one action item. The action item to change the wording in the OSCS Handbook for Corn Land History Requirements was voted on and approved, M/S (Bob Zielinski/Kurt Farris).
Appendix A2.

Item 6. Requirements for reporting all contaminants found in bulk exam.

Mindy Duerst originally asked for this to be a topic, but had her question answered before the meeting and felt it was not necessary to discuss.

Item 7. Requirements for Seeds/Per Pound Amendment.

Mindy Duerst discussed that this test should not be required, using her experiences that people do not ask for this information. Multiple people (John Zielinski, Bob Zielinski, and Lee Von Borstel) explained the importance of this requirement for figuring out planting rates. The motion was made to change the wording of the standard to require this test for wheat seeds only, removing barley and triticale from the standard. M/S (Mindy Duerst, Bob Zielinski). The motion passed.

Item 8. Land History Regarding Cover Crops.

This topic was brought up by Curt Howell about using cover crops with small grains in the mixture and how that would affect field history. Lee Von Borstel read the standards for Cereals from the OSCS Handbook, that discusses the land history requirements for the certification of cereal seed. The topic of destroying the cover crop before seed set was made and questioned if that changed the standards. It was determined that seed could still be viable in the soil and that

the standards are fine as they are written now. Andrew Altishin mentioned that how in certain situations special inspections for appeals could take place; an example for this situation was the Sherman County Fires in 2018. In this particular case, an inspection prior to cover crop destruction would be required to determine potential for seed production.

Item 9. Small Grains Certification Review.

Statistics for the past year were presented by John Zielinski. There was a slight increase of 1,853 acres signed up for crop inspection from 2017. The number of seedlings held steady to last year's record high. John provided a final determination for cereal fields in Certification for 2018, providing the number that passed, withdrawn and rejected, and the reasons why. **Appendix A3.**

Item 10. Elections.

A grower nominee is needed. M/S (Mindy Duerst/Kurt Farris) to nominate Bob Zielinski as Vice-Chair for the 2019 CAC. The motion passed unanimously.

Renewing memberships for expiring terms. Curt Howell (Dealer, OFGA) and Bob Zielinski (Grower, OWGL) both agreed to continue serving on the committee and were approved by their affiliations.

Joe McDonald announced he wanted to step down from the committee and found Matt Insko (Grower, OWGL) to replace him. This was cleared by the appropriate affiliation.

Item 11. Reports.

Bob Zemetra gave the OSU update in place of the absent Jay Noller. This was an update on new hires and the current open positions they are looking to fill. New degree and certificate opportunities at OSU were also discussed. See **Appendix A4.**

Lauren Port from Washington State Crop Improvement gave a brief report on the acres that were inspected for certification in Washington as well as some information on the Foundation Seed Production Program. **Appendix A5.**

Elizabeth Savory from Oregon Department of Agriculture updated the group about the new hires and position changes that have occurred at the ODA. Some information about canola and kernal blunt were provided. **Appendix A6.**

OSU Seed Services Dan Curry shared that the seed lab is working to increase turnaround time by working with ISTA on new testing methods, as well as developing a new seed sorter for purity testing. **Appendix A7.**

Andrew Altishin gave a review of 2018, including a breakdown of the acres certified and a list of new people hired as well as position changes within OSCS. He also included updates about

OSCS changing networks and new programs that are being incorporated into certification.
Appendix A8.

Item 12. Date and Location for 2019 Meeting.

Lee Von Borstel announced that Michael Rascon (2019 Chair) and Alex Albion will coordinate together to set a date and location for next year's meeting.

Adjourn.

The meeting was adjourned by Lee Von Borstel at 12:25 pm.

Cc:

Cereals Advisory Committee
Corn seed producers subcommittee
Certification and Foundation Seed and Plant Materials Board
Russ Karow, Executive Director, OSU Agricultural Research Foundation
Scott Reed, Vice Provost for University Outreach and Engagement
Alan Sams, Dean, OSU College of Agricultural Sciences (CAS)
Dan Edge, Associate Dean, OSU College of Agricultural Sciences, CAS
Sam Angima, CAS Assistant Dean for Outreach and Engagement
Robert Zemetra, Leader, Wheat Breeding Project,
CSS Pat Hayes, Leader, Barley Breeding Project,
CSS Marvin Kropf, Oregon Feed and Grain Association
Blake Rowe, CEO, Oregon Wheat
Sally Christensen, Oregon Wheat Growers League
Tana Simpson, Associate Administrator, Oregon Wheat
U.S. Wheat Associates West Coast Office
Elizabeth Savory, Oregon Department of Agriculture
Victor Shaul, Manager, Seed Inspection Program, Washington Department of Agriculture
Doug Boze, Idaho Crop Improvement Association (ICIA)
Scott Blake, North Area Manager, ICIA
Mick Goff, Southwest Area Manager, ICIA
Kathy-Stewart Williams, Southcentral Area Manager, ICIA
Alan Westra, Southeastern Area Manager, ICIA
David A. Hoadly, University of Idaho Foundation Seed Program
Lauren Port, Manager, Washington State Crop Improvement Association and Foundation Seed Services (WSCIA)
Karen Olstad, Program Manager, Certification Services, WSCIA
John Palmer, Executive Director, California Crop Improvement Association (CCIA)
Mike Moore, Manager, Wyoming Seed Certification Service

Appendix A1

OSU College of Agriculture Sciences: Cereal Variety Advisory Committee
October 29 2018
Meeting Minutes

Members Present: Chris Mundt (chair), Bob Zemetra, Pat Hayes, Shaun Townsend, Jim Myers, Ryan Graebner, Andrew Ross.

Members Participating Via Conference Call: Bill Jepsen, Lauren Port (for Jerry Robinson), Blake Rowe, Tana Simpson, Darren Padget, Kurt Farris, David Hoadley, and Lindsey Cope

Guests & Ex-officio members: Jay Noller, Joyce Loper, Denis Sather

The meeting was called to order at 8:30 am. Several board members joined the meeting via a conference call. The following were the action items and other discussion resulting from the meeting.

1: Motion to amend the release documentation to raise suggested royalty of OR2121086 to 2 cents per pound.

Discussion: This discussion occurred during the presentation of the credentials of variety candidate OR2121086. Bob Zemetra began the discussion regarding a 1c/lb versus 2c/lb royalty. The shared document had royalties set at 1c/lb. Zemetra expressed concerns about royalty burden on growers. Discussion was also entered into regarding PVP Title 5 to increase use of certified seed to decrease goatgrass spread. Concern was expressed by David Hoadley that PVP Title 5 without royalties brings no revenue to fight rule breakers. Darren Padget noted that royalty rate is not influencing certified seed buying. Discussion around the table continued regarding the royalty rates of other breeding programs and royalty rates on Clearfield lines. Blake Rowe considered that growers will pay if the variety is attractive.

Moved: Bob Zemetra

Seconded: Jim Myers

Motion to amend carried unanimously by members present in the room and on the conference call. Bill Jepsen needed to leave to tend to farm operations before this discussion occurred.

2: Motion to approve the amended OR2121086 document and recommend the release of OR2121086 soft white winter wheat with PVP (Title 5; allowing the sale of Foundation, Registered, and Certified classes of seed) to the OSU Variety Release Committee.

Discussion: Bob Zemetra introduced the variety candidate and summarized the documentation shared with the committee prior to the meeting. OR2121086 is a common soft white winter wheat (*Triticum aestivum* L.) developed by Oregon State University from the cross Tubbs / Skiles. It is proposed for release based on its yield potential, disease resistance and adaptation to growing conditions in the intermediate to high rainfall wheat production areas of Oregon and

Washington. OR2121086 also has potential for use under low rainfall. End-use quality of OR2121086 was evaluated by the Pacific Northwest Wheat Quality Council in 2017 and was found to have good end-use quality. The acceptable end-use quality characteristics were confirmed by Andrew Ross. There was further discussion of screening seed for off-types at all stages of the seed increase process. Denis Sather asked what the projected acreage would be. Bob Zemetra suggested we do not know, depends on the year, and that projected acres are not a consideration during the selection process. The proposed name for OR2121086 is 'Nixon', in honor of Bob and Jean Nixon for their contributions to the wheat and grass seed industry in Oregon and Oregon State University.

Moved: Bob Zemetra

Seconded: Jim Myers

Motion to recommend release carried unanimously by members present in the room and on the conference call (Bill Jepsen absent at vote, but had voiced general support for this release earlier in the meeting).

3: Motion to recommend the release of ORI2150031CI+ soft white winter wheat with PVP (Title 5; allowing the sale of Foundation, Registered, and Certified classes of seed) to the OSU Variety Release Committee.

Discussion: Bob Zemetra introduced the variety candidate and summarized the documentation shared with the committee prior to the meeting. ORI2150031CI+ is a common soft white winter wheat (*Triticum aestivum* L.) developed by Oregon State University from the cross Ag 1-96/*2 Pavon // *3 Goetze/3/AP100CL/4/ORCF-102. It is proposed for release based on its yield potential, disease resistance and adaptation to growing conditions in the intermediate to high rainfall wheat production areas of Oregon and Washington. ORI2150031CI+ carries two genes conferring resistance to Beyond herbicide and is intended for use in wheat producing areas that have issues with jointed goatgrass and downy brome. ORI2150031CI+ is stripe rust resistant and carries two genes (Pch1 and Pch2) that confer resistance to strawbreaker foot rot. . End-use quality of ORI2150031CI+ is acceptable. The proposed name for ORI2150031CI+ is still under discussion. Dr. Zemetra commented that this is the first 2-gene Clearfield with 2-gene foot rot resistance. Again there was discussion of royalties and the OSU/BASF split. Royalties associated with the sale of ORI2150031CI+ are 3.7c/lb with 2c/lb going to OSU and 1.7c/lb going to BASF.

Moved: Bob Zemetra

Seconded: Ryan Graebner

Motion to recommend release carried unanimously by members present in the room and on the conference call (Bill Jepsen absent).

Discussion topics:

1: As Bill Jepsen would need to leave the meeting before its conclusion he was given the floor to express his views. He was excited about the prospect of 2-gene Clearfield lines but also expressed his desire for wheat varieties with the AXigen trait that fit in the Coaxium system for grassy weed control. Bob Zemetra indicated the Aggressor resistant seed was delayed from the company and that he was preparing to speed breed via spring wheats to convert to SWW,

Club, HRW, and HWW. Zemetra indicated the variety FusionAX was “rusty”, and that it would be a challenge to create high quality stripe rust resistant Coaxium soft white winters. There was minor discussion of hard white winter development and the opinion of Jepsen that HWW winter was “dead in the water” as a result of segregation issues.

2: Joyce Loper disclosed the new system for royalty transfer within OSU and that it constituted a change in process not in dollars.

3: The replacement for Hanna Kammeyer, Bailey Jenks was introduced to the committee in her absence with a start date of Nov 6 2018.

4: Bob Zemetra indicated these upcoming variety candidates: ORI2161250 CL+, good field performance, earlier heading, already in breeders’ seed increase. HWW wheat OR2130118H is in 1 acre foundation seed increase it has good baking quality and performs well agronomically.

5: Patrick Hayes updated on the barley program. A winter 2-row malt 10.0777 is at an advanced stage of American Malting Barley Association (AMBA) testing requiring several 1000 acres for commercial-scale testing. May seek approval spring 2019. The question was asked of where it would likely be grown (Ryan Graebner): South Idaho as a result of the logistics of domestic supply routes. Graebner also asked if AMBA approval was equal to a recommendation to release and Hayes said yes and added: AMBA approval means more favorable position for growers regarding crop insurance and assures buyers of performance in the malting process.

Hayes noted that three 2-row spring types were in the pipeline with one potentially to be proposed for release. Hayes also noted that there were a number of germplasm releases planned for the barley research communities including one hooded winter forage, one array of multi-rust resistant genotypes, and one black naked barley. He also noted that the program was moving forward with Beyond tolerant and Coaxium lines via doubled haploid technology.

6: Denis Sather raised an issue with the variety “Rosalyn”, PVP Title 5 (no non-certified sales), but open release (no royalties). He reported that an entity in the Willamette Valley has been selling uncertified seed for 2 years. Sather indicated that if there was no enforcement of PVP then there may be other problems. ODA has enforcement. Zemetra suggested first a contact with the grower indicating that they are out of compliance. Chris Mundt agreed with this strategy. BZ and CM also indicated that legal approaches should be a last resort. There was further discussion around the table regarding: whether the leverage for enforcement is low; whether a cease and desist order from general counsel was a viable strategy; the need for friendly relations between breeders and growers/grower cooperators; that some stakeholders were annoyed by non-compliance; that OSU should act via the CAS Dean’s office rather than OCCD; the ODA needed to be contacted regarding non-compliance; and about who would make contact (BZ: Kathy Stuart Williams). In the end apparently Foundation seed had made contact with the individual.

No further business. Meeting adjourned at 10:11 am.

Appendix A2



Oregon Seed Certification Service
31 Crop Science Bldg
Corvallis, OR 97331
541-737-4513, fax: 541-737-2624
website: seedcert.oregonstate.edu
email: corn-info@oregonstate.edu

Corn Program Overview

Program: 2018

- 2,969 Acres 7% decrease from 2017
- 2 Growers
- 226 Oregon fields 8% decrease from 2017
- 203 Foundation class
- 23 Certified class

Hiring/Training of staff

- Average field assignments are 50-60 fields/inspector for the season
- 5 inspectors—2 in Milton-Freewater, 3 in Hermiston/Boardman/Pendleton
- Hire local employees—knowledge of area (may not be all day, but every day)
- Must use own vehicles
- Training workshop/meeting mid-June; in-field training continues when season begins around July 1; this year started July 12

Field Inspections

- Each field is inspected at least 4 times
- One isolation inspection prior to pollination (locate field, purity of plant type, contamination checks), and a minimum of 3 inspections during pollination
- Acreage determines number of counts (1 count = 50 plants; 50 m/f if hybrid)
- Counts performed at three increments of silk presence during pollination (5-15%, 16-65%, over 66%)
- Intensive timing; time between inspections can vary highly due to variety, weather/field conditions, inputs but averages one inspection every 2 days
- Field information is available on-line to ensure all your fields are signed up and if they have been inspected

Seed Movement

- Ear inspections are required for Foundation corn single crosses and inbred lines (inspect corn ears for off-colored or different textured kernels)
- Begin end of August, run through end October - not all day, but every day
- Corn seed is eventually transferred to the Midwest for further processing and final certification; to maintain certification Transfers Pending Final Certification are required, use the eCertification site to print transfers
- Field transfers are made from OR to WA/ID and vice versa; transfers are required even if the seed leaves Oregon and returns for any reason

Attachment 1

Application and Fees

Field applications must be submitted through the Oregon Seed Certification Service e-Certification website at www.seedcert.oregonstate.edu. All field applications must be submitted with appropriate seed source documentation, field location maps, and fees. Signup deadline is June 1.

Corn Fee Structure

Type	Fee
Application fee	\$45 per application
Field Inspection fee	\$55 for 1st acre*, \$12 each additional acre**
Bin Inspection fee	\$25 per bin, minimum \$50 per on-site visit
OECD Assessment	\$0.26 per cwt
Late fee	\$35 per field
Transfer Certificate fee	\$15 per transfer
Handwritten Certificate fee	\$30 per transfer

* fields less than 1 acre are subject to the \$55 minimum

** after minimum, acreage calculations are rounded to the nearest acre

Refunds will be allowed prior to the June 1 deadline. No refunds will be processed after the application deadline has passed.

Seed Source Documentation

Each field application must include all original tags for each seed source represented, indicating complete certification by a recognized seed-certifying agency. Tags must clearly identify the product name, origin, source lot, weight and type. Breeder tags or certificates are acceptable where applicable, however, no photocopies will be accepted by OSCS.

Overseeding

In the event of a failed crop stand, the applicant will notify OSCS and provide additional seed source documentation and amended estimated silking date. No fees are associated with the overseeding notification.

Land History Requirement

Fields signed up for certification must not have been planted to corn of another color or endosperm type during the previous season. Land must not have been seeded to or grown any type of corn in the previous year to produce Foundation or Certified corn. Modifications to this requirement may be made with prior approval from OSCS.

Bulk Transfer Applications

Applications for Interagency Corn Inspections are submitted through the Oregon Seed Certification Service e-Certification website at www.seedcert.oregonstate.edu. For seed lots entering the state, applications must include a Bulk Transfer Certificate from the prior state's certifying agency. The applicant must make requests for Bulk Transfer Certificates directly to the issuing state. All certified-eligible corn seed leaving the state will be issued a Transfer Pending Final Certification certificate, accessed online.

Bulk transfer shipments entering the state may be signed up for processing prior to receiving the interstate documentation; however, a transfer certificate will not be issued until the incoming documents have been received and verified.

3/4/2016

2

Attachment 2

Appendix A3
2018 Small Grain Season Summary as of October 2018

Total Small Grain Acres Signed up for Crop Inspections in 2018 were 25,743 Acres
 130 Seedling Inspections and of those:

- 125 Passed
- 3 Passed on Condition
 Reasons: Inadequate Seed Source Documentation, Variety unlisted
- 2 Withdrawn

2018 Crop inspections started on 07/02/2018

298 Crop Inspections and of those:

- 231 Passed
- 29 Fields Withdrawn as per grower request prior to crop inspection
- 27 Passed on Condition
 Reasons: Seed Source Documentation or Eligibility, also Variety and Contractor approval.
- 11 Fields were rejected
 Reasons: Lack of sign-up for re-inspection.
 Cereal rye, or Triticale
 Jointed goatgrass.
 Excessive other Small Grains
 Excessive Canada thistle, or Field bindweed
 Harvested before crop inspection or Reinspection
 Excessive other Varieties

There were 9 fields signed up for crop inspection after July 1, I received the last one 8/28/2018

Fields with specified contaminants:

*Prohibited weeds

89	Cheatgrass	15	Wild Carrot	9	Green Foxtail
62	Prickly lettuce	14	Lambs-quarter	5	Sowthistle
32	Field Bindweed*	14	Redroot pigweed	5	Quachgrass*
30	Russian-thistle	13	Barnyard grass	5	Mallow
26	Canada thistle*	13	Mustard	2	Bedstraw
17	Wild Oat	11	Tarweed	2	Large Crabgrass
15	Kochia	10	Annual ryegrass	2	Jointed goatgrass*

**Summary of Small Grain Inspections
1995 - 2018**

Year	Total Acres signed up for Crop Inspection	Total Number of Fields Signed up for Seedling Inspection	Total Number of Fields Signed up for Crop Inspection
1995	11,814	*	*
1996	10,304	*	*
1997	10,159	*	*
1998	8,803	*	*
1999	9,138	*	*
2000	8,524	*	*
2001	8,165	12	158
2002	12,589	24	228
2003	14,209	45	268
2004	15,106	60	264
2005	14,705	62	237
2006	13,742	66	232
2007	14,521	43	226
2008	17,914	47	309
2009	21,341	61	317
2010	21,115	62	362
2011	23,690	76	358
2012	19,853	83	353
2013	25,639	85	405
2014	25,722	85	393
2015	28,215	71	411
2016	27,630	79	378
2017	23,890	134	371
2018	25,743	130	298
2019			
2020			
2021			
2022			
2023			
2024			
2025			

* Information not available

Appendix A4
OSU Update
30 November 2018

The following are highlights of activities over the past few months in Crop and Soil Science (CSS) and the College of Agricultural Sciences (CAS) as they affect clientele groups affiliated with CSS.

Highlights

1. New CSS faculty hired, start dates announced.
2. Three new CSS faculty searches underway.
3. Dr. Alan Sams, new Dean of the College of Agricultural Sciences
4. OSU sesquicentennial celebration is wrapping up

Crop and Soil Science – We are all about Soils to Seeds

New CSS Faculty

- a. Dr. Caio Brunharo, new assistant professor of Weed Science, starts 2 January 2019
- b. Ms. Bailey Jenks, new Cereals Outreach Coordinator, started November 6
- c. Dr. Stuart Reitz, CSS faculty, started 1 November as the director of the Malheur Experiment Station.
- d. Mr. Brian Charlton, CSS faculty, started in mid September as Interim Director of KBREC, Klamath Falls.

Faculty Searches

Corvallis:

- We have begun the search for Assistant Professor (tenureable), Extension Entomologist. Dr. Silvia Rondon, CSS-HAREC Entomologist, will be the search chair.

COAREC, Madras:

- We have begun the search for Assistant Professor (tenureable), IPM Scientist.

KBREC, Klamath Falls:

- We have begun the search for Assistant Professor (tenureable), Agronomy

We greatly appreciate the input from all of our stakeholders in defining these positions and the anticipated searches ahead.

New Degrees, Courses and Certificates: CSS is launching beginning Fall 2018:

1. Online BS major and minor degrees in soil science; coming in 2019: agronomy;
2. Online Organic Agriculture graduate certificate; coming in 2019

College of Agricultural Sciences

Dean Sams is currently making the rounds of the state and various constituencies of the College. Look for him at Seed League and other events over the coming months.

The College has completed its 150 anniversary celebration events and is looking forward to the next 150 years.

Oregon State University

Oregon State University is wrapping up its celebrations of its 150th anniversary. You might be interested in having your own limited-run OSU150 commemorative blanket designed and produced by Oregon's own Pendleton Woolen Mills. See the university front webpage for information.

Appendix A5



WASHINGTON STATE CROP IMPROVEMENT ASSOCIATION

2575 NE Hopkins Court
Pullman, WA 99163

Phone 509-334-0461 Fax 509-334-6809
www.washingtoncrop.com

Oregon Varieties Produced in 2017-2018 by WSCIA

Foundation Seed Production

Mary	2.5 acres
Norwest Duet	5.9 acres
Norwest Tandem	4.6 acres
Norwest 553	1 acre
ORCF-102	1.9 acres
Stephens	2.4 acres

Breeder Increases

OR12150031 CL+	.75 acre bulk, .5 acre headrow
OR12150056 CL+	1 acre bulk, .5 acre headrow
OR12150061 CL+	.5 acre bulk, .5 acre headrow
OR2121086	2.1 acre
OR2130021	.5 acre headrow
OR2130118H	.5 acre headrow

Oregon Varieties Planted Fall 2018 by WSCIA

OR12150031 CL+	1.6 acres
OR12161250 CL+	2.3 acres
OR2130118H	2 acres
OR2130755	.5 acre headrow
OR214041	.5 acre headrow
ORCF-101	.3 acre headrow
ORI2161244 CL+	.5 acre headrow
ORI2161250 CL+	.5 acre headrow
OSU10.0777 (winter barley)	.7 acres
Stephens	3.8 acres bulk, .5 acre headrow

2018 ACRES INSPECTED FOR CERTIFICATION (TOTAL 57,953)

BARLEY	
Havener	116
Lenetah	94
Meg's Song	4
Survivor	33
Transit	170
TOTAL PUBLIC	417
TOTAL PROPRIETARY	1191
GRAND TOTAL	1608
CHICKPEA	
CDC Frontier	2778
CDC Orion	78
Dylan	6
Nash	413
Royal	1307
Sawyer	1501
Sierra	5829
TOTAL PUBLIC	11912
TOTAL PROPRIETARY	452
GRAND TOTAL	12364
OAT	
Monida	78
Park	10
Streaker	106
Swan	34
TOTAL PUBLIC	228
TOTAL PROPRIETARY	82
GRAND TOTAL	310
PEA	
Granger Pea	3
Hampton Pea	107
GRAND TOTAL	110
RYE	
TOTAL PROPRIETARY	224
TRITICALE	
TOTAL PROPRIETARY	149

WHEAT	
Alum	1108
ARS Crescent	855
Bobtail	354
Bruehl	140
Brundage 96	20
Bruneau	80
Cara	2
Chet	1028
Chukar	155
Coda	41
Curiosity CL+	2616
Dayn	100
Glee	777
Jasper	667
JD	3
Kelse	242
Louise	1135
Madsen	130
Mary	3
Mela CL+	653
Melba	5
Norwest 553	1
Norwest Duet	2191
Norwest Tandem	925
ORCF-102	585
Otto	2849
Pritchett	649
Puma	1470
Purl	3
Resilience CL+	1333
Rosalyn	5
Ryan	2097
Seahawk	432
Sequoia	45
Skiles	19
Soft Svevo	7
Stephens	2
SY Gunsight	182
UI Castle	507
UI Magic	3067
UICF-Brundage	40
Waxy Pen	375
TOTAL PUBLIC	26899
TOTAL PROPRIETARY	16291
GRAND TOTAL	43190

Report includes only fields that met standards at field inspection for Foundation, Registered, or Certified Class.

Appendix A6

Cereal Advisory Committee Report November 30, 2018



Agency Updates

- Market Access and Certification Program Staffing Updates
 - Casey Prentiss, Interim Director
 - Elizabeth Savory, Plant Health Program and Seed Regulatory Program Manager
 - David Lane, Agriculture Development and Marketing Manager
 - Susanna Pearlstein, Produce Safety Program Manager

Seed Regulatory Program

- New Program Manager – Elizabeth Savory (as of March 2018)
- Ron Pence is retired (as of June 30, 2018; still at ODA until 12/31/2018)
- Randy Black has moved programs – he is now in Plant Division working solely with the Industrial Hemp Program.

Canola Recommendation Report

- House Bill 3382 (2015) required the ODA to draft options to navigate the co-existence challenges of growing canola alongside specialty *Brassica* seeds in the Willamette Valley.
- The report is available at <https://.oda.direct/Canola>.
- Recommendations were made for options that are within the ODA's current regulatory authority and options that would require additional legislative action.

Karnal Bunt Survey

In 2018, the ODA Plant Health Program collected 20 samples from seven wheat-growing counties in Oregon for testing for the causal agent of karnal bunt, *Tilletia indica*. These include Umatilla, Gilliam, Marion, Yamhill, Linn, Polk, and Washington Counties. We had planned on sampling in Wasco county, but due to the fires, we substituted Washington. Sample numbers are determined by the five-year average of production for each county, with one four-pound sample collected for each million bushels of production. Samples are sent to the USDA APHIS PPQ lab in Arizona for testing. None of the samples collected in Oregon in 2018 tested positive for karnal bunt.

Seed Export and Phytosanitary Certificate Statistics

Through Third Quarter 2018, September 30, 2018

	2014	2015	2016	2017	2018*
Lots Sampled	13,067	12,180	10,289	10,339	8150
Lots Tested	9,549	8,841	7,250	7,901	5,654
Failed Tests	456	432	622	506	277
Phytos Issued by ODA	2,784	2,788	2,729	2,728	2,086
Total lbs ODA- issued phytos	144,859,283	146,088,987	133,666,236	140,656,056	96,688,809

*through September 30, 2018



Appendix A7
OSU Seed Services Update
November 30, 2018

- Last December, some plant breeders had requested OSCS grower data so that they could better track the amount of their certified grass seed varieties. Dean Arp requested the Oregon Seed Association (OSA) to form a committee that would answer questions concerning the request. OSCS informed the committee that they could build software that would allow breeders to access the poundage of their certified varieties if the contractors allowed them access to the information. The Turfgrass Breeders Association and the OSA will be discussing this in their upcoming meetings and the Oregon Seed Council initially said they were not in favor of supporting the plan.
- Seed Services is working with the International Seed Testing Association to perform a validation study to verify the ability of a PCR test to distinguish perennial ryegrass from annual ryegrass. Currently, the OSU Seed Lab is performing grow-out tests for the study. It is hoped that the research will be finished by the fall of 2019.
- Last spring the Tall Fescue Commission had requested some breeder K31 seed from Kentucky Foundation Seed (KFS). KFS sent 2 lbs. of endophyte K31 and 14 lbs. of endophyte-free K31 seed and it is being stored at the Hyslop cold room. It is possible that Certified K31 will be produced using these seed lots.
- Seed Services is working with OSU Computer Science and Engineering students to try and develop a computer seed sorter machine that will assist in the process of purity testing. It is hoped that a device would decrease turn-around time for the OSU seed lab.

Appendix A8

2018 Year in Review

Total Acres Certified of all Crops – 235,145

Total Acres of Grass Crops Certified – 198,584

Total Acres of Small Grains Certified – 21,134

Total Acres of Legumes Certified – 6,247

Total Acres of Misc. Other Crops Certified – 6,017

Total Acres of Potatoes Certified – 2,845

Total Acres of PVG Certified – 145

New Hires

- Andrew Altishin, Manager
- Alex Albion, Seed Certification Specialist
- Mel Laam, Tagging Coordinator
- Chanelle Moody, Office Specialist
- Annette Terreberry, Seed Certification Aide (Sampler, Umatilla Co.)
- Tonia Rea, Seed Certification Aide (Sampler, Union Co.)

New Programs

- Change Container Type from Bulk Containers to Sacks or Buckets
- Request Field Extension for Your Contracted Fields
- Create Online ISTA Seed Sample Certificate
- Transfer/Accept Fields From Another Grower
- Request Sampling of Certified Lots

Other Topics

- Network Changes
- Server Upgrades
- New Dean of the College of Agricultural Science and Director of Oregon Agricultural Experiment Station, OSU, Dr. Alan Sams