

Minutes of the 2016 Cereals Advisory Committee

(CAC)

to the Certification, Foundation Seed and Plant Materials Board

Wednesday, November 16, 2016

Conference Room, Central Oregon Agriculture Research Center (COARC)

Madras, OR

(with participants at remote locations via video conferencing and speaker phone:
Pendleton and Corvallis, Oregon and Pullman, Washington)

Present: JW Cope, Chair; Kurt Farris, Vice-Chair; Lee von Borstel, Sherman County wheat grower; Greg Hohensee, Mid-Columbia Producers; Curt Howell, Oregon Trail Seeds; Joe McDonald, Pendleton Grain Growers; Jerry Robinson, Karen Olstad and Lauren Port, Washington State Crop Improvement Association; Larry Lutcher, OSU Extension Morrow County; Jay Noller, Dan Curry, OSU Dept. of Crop and Soil Science; David Stimpson, OSU Seed Lab; Dennis Lundeen, Andy Altishin, John Zielinski, Mary Beuthin and Tami Brown, OSU Oregon Seed Certification Service.

Item 1. Call to order and introductions.

JW Cope called the meeting to order at 1:20 PM; the start had some technical difficulties with the polycom link up with WSCIA. Eventually, WSCIA was contacted by phone and put on speaker phone for the meeting. Dennis Lundeen welcomed everyone again and gave a special welcome to Larry Lutcher as he is replacing Sandy Macnab's position on the committee. Dennis also welcomed David Stimpson to his first advisory committee meeting after taking over as the new OSU Seed Laboratory Manager. Those in attendance introduced themselves and gave their respective affiliations. There were two distant meeting locations one at the Umatilla County Extension Office and the other at the OSU campus in the Crop and Soil Science Building joining via video conferencing.

Item 2. Changes/additions to the agenda.

JW requested that Item 8, the elections, and Item 10, date and place for the 2017 meeting, to be moved to discuss immediately. There were no objections or other additions discussed.

-Item 8. Elections (moved forward).

A grower nominee is needed. M/S (Hohensee/Farris) to nominate Lee von Borstel as Vice-chair for the 2017 CAC; the motion passed unanimously.

A CAC Representative to the Board is needed for a 3-year term. Lee von Borstel has been serving in this duty and volunteered for another 3-year term. All were in favor.

The term for one grower and one dealer representative will have expired after this year. Both Lee von Borstel and Kurt Farris volunteered for another term.

-Item 10. Date and time for 2017 CAC meeting (moved forward).

Kurt Farris will be Chair for the 2017 meeting. He expressed concern with the level of participation, specifically the in-room participation, and discussed some options as to why this might be happening. A broad conversation followed reviewing dates and potential conflicts. Locations were also discussed with the idea of finding the optimal setting for the highest level of in-room participation. Kurt Farris and the CAC secretary will continue to discuss the best options for the date and location of the 2017 meeting. The WSCIA/WNISA meeting will be Monday, November 6-7, 2017 in Kennewick. The Tri-State Grains Grower Convention will be Wednesday, November 8-11, 2017 in Spokane.

Item 3. Minutes of the 2015 CAC Meeting.

M/S (Lee von Borstel/Kurt Farris) to approve the minutes of the 2015 meeting as posted on the OSCS website – approved.

Item 4. Certification Board actions regarding CAC 2015 recommendations.

The Certification, Foundation Seed and Plant Materials Board met on February 16, 2016 to review and take action on recommendations received from each of the Advisory Committees: Seed Conditioners, Grass and Legume, Cereals, Mint, Potato and Tree Seed. Lee von Borstel, the CAC representative to, and voting member on the Board, reported on the Board actions regarding three recommendations from the CAC. The first was an update to the corn standards to align the Oregon standards with AOSCA standards with regards to isolation. The second was a standard update to insert into the standards, “Mechanical separations, genetic isolation zones, and other excluded areas of a seed field must be designated by physical markings placed in the field that are easily observed and readily recognized to be designating a boundary.” The third recommendation was to require a seed count for all certified wheat, barley and triticale seed samples. The Board voted on and passed all recommendations.

Item 5. Report from the Corn subcommittee.

Mary Beuthin, secretary for the Corn subcommittee, presented the report from this meeting. The Chair from this committee was unable to be present at this meeting. This meeting was held November 14, 2016; participants were Trevor Patterson and Glen Smith, Pioneer Hi-Bred Int.; Greg Nedrow, Monsanto Company; Dennis Lundeen, Tami Brown and Mary Beuthin, Oregon Seed Certification Service. There were a few updates discussed at this meeting but no action items were moved forward (See Appendix A for minutes of that meeting).

Item 6. Report from the Cereal Variety Advisory Committee (CVAC).

Kurt Farris represents the CAC on the CVAC and reported on the meeting of that committee on March 3, 2016 (See Appendix A for minutes of that meeting). The CVAC voted unanimously to recommend the release of ORLD112334 soft white winter wheat co-developed with Limagrain Cereal Seeds as a licensed royalty generating variety with PVP (Title 5; no plant back). There were two other discussion items with Pat Hayes presenting an update of the barley breeding program and Bob Zemetra providing the committee an update on the wheat breeding program.

Item 7. Small grains certification year in review.

Statistics for the past year were presented by John Zielinski (see Appendix A). 2016 was another good year with a high number of small grain fields and a near record number of acres applied for certification. John also detailed the final determination for those fields: numbers passed, withdrawn and rejected, and the reasons why. Noted was an increase in the number of “passed on condition.” John explained several reasons for this and that most have subsequently been resolved.

Item 9. Reports

OSU Department of Crop and Soil Science (see Appendix A for handout). Jay Noller presented this report. He talked about a departmental review of the undergraduate program and advancements to the program to add new courses to on-campus and online curriculum. He also introduced Dave Stimpson as the new OSU Seed Lab manager and provided some of his credentials and previous work. Jay also talked about other new hires and ongoing faculty searches for the department.

OSU Seed Services (see Appendix A for handout). Dan Curry also recognized Dave Stimpson as the new Seed Lab manager. Dan also informed the group that the OSU Seed Lab had reviewed some options to increase the efficiency of the seed/lb. test for wheat, barley and triticale certified samples and has since purchased a new seed counter that accomplishes this goal; thus testing costs were reduced from \$31 to \$15 per test. He finished his report with an update to the fluorescence test for ryegrass and the use of a simpler formula under AOSA rules.

OSU Seed Laboratory. David Stimpson introduced himself and talked about his work experience and board/committee positions.

OSU Seed Certification (see Appendix A for handout). Dennis Lundeen presented this report. He talked about the hiring of two new office people due to retirements of the office staff. Julie Hendrix, the office manager, will also be retiring at the end of the year and a search for her replacement is ongoing. In addition, Sandy Smith, retired this year and Rachel Hankins has shifted duties to fill this position. This leaves an inspector position that will be filled in 2017. Dennis gave an overview of the program for 2016, including the types of crops certified, the programs administered and the statistics for the entire program for 2016. Dennis also talked about the 100-year celebration that OSCS will be holding on December 14, 2016 from 4-6:30PM at the Crop Science Building at OSU. He also gave a brief history of some of the program’s development and some of the original standards for small grains and how they compare with the current standards.

Washington Crop Improvement Association (see Appendix A for handout). Jerry Robinson provided updates for both the Foundation Seed Project and seed certification. He noted that the 2015-16 crop year acreage was much larger than previous years with a large increase in requests for their services.

Item 11. Other Business.

John Zielinski commented on the online access for the Preliminary Growers List, where to find it at the OSCS website and how often it is updated.

JW voiced a concern with the numbers of off-types he is seeing in certified production and what is being allowed. Greg noted that he has seen higher variants included in some descriptions thus allowing higher numbers of off-types. John indicated that OSCS is obligated to inspect for genetic purity based on the released descriptions and if variances are included in those descriptions those are calculated appropriately to determine off-type contaminant.

Per request from Bob Zielinski, who was unable to attend this year's meeting, Andy commented on the following topic; Bob would like the committee to formally recognize the years of service and dedication that Barry Schrupf has committed to serving the CAC. Bob was very appreciative of all of Barry's service. Curt Howell also commented on this and felt that the CAC owes a debt of gratitude to Barry and his efforts.

Adjourn.

The meeting was adjourned by JW Cope at 2:42PM.

Respectively submitted,
Andrew Altishin, Secretary, Cereals Advisory Committee

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
Dan Arp, 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
Jay Noller, Head, Department of Crop and Soil Sciences (CSS), CAS
Robert Zemetra, Leader, Wheat Breeding Project, CSS
Pat Hayes, Leader, Barley Breeding Project, CSS
Dan Curry, Director of OSU Seed Services, 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
Randy Black, 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
Jerry Robinson, Manager, Washington State Crop Improvement Association and
Foundation Seed Services (WSCIA)
Karen Olstad, Program Manager, Certification Services, WSCIA
Lauren Port, Certification and Field Supervisor, WSCIA
John Palmer, Executive Director, California Crop Improvement Association (CCIA)
Timothy Blank, CCIA
Mike Moore, Manager, Wyoming Seed Certification Service
Extension Crops Agents

Appendix A

CEREALS ADVISORY COMMITTEE

Schedule and Agenda

Wednesday, November 16, 2016; 1:00 PM – 4:00 PM
Central Oregon Agriculture Research Center (COARC), Madras, Oregon

Call to Order, welcome and introductions (*JW Cope, Chair*)

Item 1 Welcome to guests (*Dennis Lundeen*)

Item 2 Changes/additions to the agenda (*JW*)

Old Business

Item 3 Approval of the 2015 CAC Minutes (*JW; refer to posted minutes*)

Item 4 2016 Certification Board actions concerning Cereals (*Lee von Borstel*)

New Business

Item 5 Report from the Corn Subcommittee (*Pioneer Representative/Mary B.*)

Item 6 Report from the Cereals Variety Advisory Committee (*Kurt Farris*)

Item 7 Small grains certification year in review (*John Zielinski*)

Item 8 Elections (*JW*):

CAC Vice-chair for 2017 (Grower)

CAC Representative to the Board

Members with terms ending in 2016

Item 9 Reports

(a) Oregon Department of Agriculture. (*Randy Black*)

(b) OSU Department of Crop and Soil Science (*Jay Noller*)

(c) OSU Seed Services (*Dan Curry*)

(e) OSU Seed Lab (*David Stimpson*)

(f) OSU Seed Certification (*Dennis Lundeen; ref. OSCS Activity Summary*)

(g) Washington State Crop Improvement Association, Washington Foundation Seed Project (*Jerry Robinson, WSCIA*).

Item 10 Date and place for next year's meeting. (*Andy and Kurt Farris*)

Item 11 Other Business (*JW*)

Adjourn (*JW*)

Seed Certification, Foundation Seed and Plant Materials Board meeting: Tuesday, February 14, 2017, LaSells-Stewart Center, OSU; lunch at noon, meeting begins at 1pm. (please let us know if you plan to attend so that the lunch can be planned accordingly and a parking permit can be provided to you in advance).

OSCS Corn Subcommittee to the Cereals Advisory Committee

November 14, 2016 2:00pm

Meeting Minutes

In attendance:

Trevor Patterson, Pioneer Hi-Bred Int. (Chair);

Greg Nedrow, Monsanto Company;

Glen Smith, Pioneer Hi-Bred int.;

Dennis Lundeen, OSCS;

Tami Brown, OSCS;

Mary Beuthin, OSCS (Secretary).

1) Trevor Patterson called the meeting called to order at 2:00pm via teleconference.

Old Business:

2) Approve 2015 Corn Subcommittee minutes.

A motion was made and passed to accept the 2015 Corn Subcommittee minutes as written (T. Patterson/G. Smith).

3) Review of 2016 Corn Certification activities and discussion.

Tami Brown provided a program overview for the 2016 inspection season. Both member companies expressed gratitude for the inspectors' efforts to perform timely and accurate inspections and reports. Trevor mentioned that members of the Pioneer team very much appreciated the spreadsheet reporting system provided by OSCS field inspectors, and Greg said he was happy with the way the inspector handled their field inspections this year too. OSCS staff thanked both companies for their continued communication efforts; they were particularly grateful for the regular pesticide application emails from Pioneer.

New Business:

4) Is there a suitable standard for meeting the "nick?"

Tami and Mary led the group through a discussion about whether there may be a need for a minimum pollen shed requirement for single cross and hybrid fields. There have been instances when female silk counts have been in the 80s-90s and pollen shed has been minimal (as low as 4%). AOSCA standards do not address this, but the OECD Maize standard reads, "For crops to produce Certified seed of hybrid varieties, a minimum of three inspections must be made when the silks of the seed-bearing parent are receptive, to determine whether the published requirements referred to under Rule 6.2 have been carried out and there is *a sufficient supply of pollen from the pollen-parent plants.*" (OECD Maize and Sorghum Standard, p123). The group was asked if there is a specific point where pollen is deemed sufficient; both companies said those decisions are made on a case by case basis. The group concurred that as long as a field with very low pollen shed meets isolation requirements it should remain certification-eligible since it is unlikely that contamination would occur. No change, no motion required.

5) Overview of bulk transfer certificate requirements and the chain of custody. Mary provided a brief review of the Interagency Certification requirements and procedures. As outlined in the AOSCA General Standards (Yellow Book) pg9, to remain certification-eligible, seed that moves between states must be labeled with official certification tags or accompanied by a "Transfer of Seed Pending Certification" form from the previous state. Final tagging of corn seed does not occur in Oregon, so all lots are issued a "Transfer of Seed Pending Certification," or bulk transfer certificate, which is created by each company via the eCertification website and access pin. Everyone indicated that they are familiar with the website and the transfer application process.

6) Notification of OECD assessment increase July 2016 from \$.20/cwt to .26/cwt, and application process change in 2017 <Mary> (OSCS Corn standards p2)
In July 2016, OECD increased the assessment fee from \$.20/cwt to .26/cwt. Dennis explained that this fee is charged by the US OECD program to OSCS as the Designated Certification Authority for Oregon. This fee is passed directly on to clients participating in that program. Mary informed the group that beginning in 2017, all Transfers will be handled through the OSCS online and database system; no more handwritten certificates will be created. This will mean an increase in cost for a small number of fields/lots from \$30 to \$45 for the application fee and \$15/certificate.

7) Nominate committee member to attend 2016 CAC in Madras on Wed, Nov 16 1pm . As Chairman, Trevor Patterson has the option to attend the 2016 OSCS Cereals Advisory Committee meeting on November 16, or designate a representative from the group. Glen nominated Trevor to attend the meeting, but there was no second. He will let the secretary know as soon as possible whether he will attend.
There are no action items moving forward from this subcommittee in 2016.

8) Per the CAC bylaws, a Monsanto representative will Chair this subcommittee in 2017. Our next regular meeting is tentatively scheduled for Tuesday, October 17, 2017.

9) The meeting adjourned at 2:32pm.

OSU College of Agriculture Cereal Variety Advisory Committee March 3, 2016 Meeting Minutes

Members Present: Michael Flowers, Bob Zemetra, Pat Hayes, Shaun Townsend, Andrew Ross, Hannah Kammeyer, and Chris Mundt

Members Participating Via Conference Call: Kurt Farris, David Hoadley, Dale Case, Bill Jepsen, and Greg Hohensee

Guests: Jay Noller, John Zielinski, and Sandy Smith

The meeting was called to order at 8:01 am. Several board members joined the meeting via a conference call. The following were the items of discussion and action item resulting from the meeting.

Action Item:

1) The CVAC unanimously passed a motion to recommend the release of ORLD112334 soft white winter wheat variety co-developed with Limagrain Cereal Seeds as a licensed royalty generating variety with PVP (Title 5; no plant back) to the OSU Variety Release Committee.

Bob Zemetra presented the 2014-2015 performance data for ORLD112334. ORLD112334 is an awned, common soft white winter wheat that has shown high yield potential across a broad range of dryland environments in Oregon, Idaho, and Washington. In addition to high yield, ORLD112334 has an excellent foliar disease package that includes resistance to the current stripe rust races.

End-use quality of ORLD112334 was tested by the USDA-ARS Western Wheat Quality Laboratory. ORLD112334 was equal or better than Tubbs 06 and Goetze but not as good as Bobtail, Kaseberg, and Skiles (ORLD112334 is targeted as a Goetze and LCS ArtDeco, replacement) for test weight, protein content, kernel hardness, percent break flour yield, cookie diameter, and sponge cake volume. ORLD112334 will be evaluated by the Pacific Northwest Wheat Quality Council in 2017.

Bob will submit ORLD112334 to the OSU Variety Release Committee.

Motion by Hohensee/Case.

Discussion Items:

- . **1)** Pat Hayes gave the committee an update on the barley breeding program. Since our last meeting, the release of BSR-27 was modified to a germplasm release (instead of a PVP'd variety) due to lack of industry interest (the drought in CA has reduced the need for forages in the states). The new variety 'Buck' is on seed increase and is being evaluated by multiple industry groups. Two new lines (OR 1 and OR 2) are also on increase and will likely be proposed for release in the coming year.

- . **2)** Bob Zemetra gave the committee an update on the wheat breeding program. Four soft white winter advanced lines are in elite testing this year. Thirteen 2- gene Clearfield lines are in efficacy trials and 32 soilborne wheat mosaic resistant advanced lines are being evaluated. Four hard white lines are on breeder seed increase and six advanced lines are in elite testing. A club wheat breeding program was initiated last fall with an emphasis on developing a 2- gene Clearfield club.

Oregon Seed Certification Service

2016 Small Grain Season Summary

Total Small Grain Acres Signed up for Crop Inspections in 2016 were 27,630

2016 Crop inspections started on 6/27/2016

15 Fields Withdrawn as per grower request prior to seedling or crop inspection

79 Seedling Inspections and of those:

50 Passed

25 Passed on Condition

Reasons: Inadequate Seed Source Documentation

4 Withdrawn as per Grower request before seedling inspection

376 Crop Inspections and of those:

301 Passed

50 Passed on Condition

Reasons: Seed Source Documentation or Eligibility, also Variety and Contractor approval.

10 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

Fields with specified contaminants:

*Prohibited weeds

86	Prickly lettuce	34	Wild oat	20	Lambs-quarter
70	Cheatgrass	32	Sowthistle	16	Brome
65	Field Bindweed*	27	Dogfennel	14	Quackgrass*
45	Canada thistle*	26	Kochia	14	Red Root pigweed
44	Russian-thistle	24	Barnyard grass	3	Bedstraw
39	Annual ryegrass	21	Mustard	2	Jointed goatgrass
37	Wild carrot	21	Tarweed	1	Puncturevine

Ergot: Four fields had Ergot found during the Crop Inspection.

Summary of Small Grain Inspections 1995 - 2016

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			
2018			
2019			
2020			
2021			
2022			
2023			
2024			
2025			

* Information not available

CSS Update

November 1, 2016

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.

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

A New School Year!

CSS opened the academic year on 21 September with about 70 new and continuing undergraduate majors and minors and 15 new graduate students (we have about 45 new and continuing). We continue to add new courses to our on-campus and Ecampus curriculum, with new courses in agronomy being the focus. More than 2500 students take our courses, more than double what we have taught in prior years.

New CSS Faculty

- a. Dr. David Stimpson, has joined CSS as the new Manager of the Seed Lab. He is currently Vice President of the Society of Commercial Seed Technologists. His start date was 29 July.
- b. Dr. Rory McDonnell has joined our faculty as Assistant Professor, Invertebrate Crop Pest Scientist, research and extension faculty at Corvallis campus. He started 16 July. Slugs beware!
- c. Mr. Javier Salvador-Fernandez, ABD, has joined CSS as Professor of Practice, Marion County Small Farms Extension Agronomist. He will be based out of the Marion County Extension office.
- d. Dr. Ray Qin (Chin) was hired as the Assistant Professor, Extension Agronomy/Soils at HAREC. He started 16 September.

CSS Faculty Searches

- a. Assistant Professor, Extension Soil and Water Quality (campus-based). Currently wrapping up negotiations with candidate.
- b. Assistant Professor, Extension Soil Fertility Specialist (campus-based) interviews completed. Faculty are meeting this week to recommend candidate.
- c. Assistant Professor, Marion County Extension Field Crops -- we are restarting the search process this month as Professor of Practice (non-tenure track).
- d. CSS is looking forward to gaining College approvals of our requests for Weed Science research and teaching position and an Extension Entomologist position, by this winter. We need stakeholder input in assembling Search Committees, which in addition to the search for filling the position are charged with the final description of these positions before accepting applications.

We greatly appreciate the stakeholder time, effort and input on these hires.

ARS

ARS-FSCRU, the College and CSS are co-funding (in that order of support dollars) a temporary Extension Field Crops Entomologist, half time for the next 12 months. Noller is currently in conversations with an Entomologist (a former PhD of the Department).

For more information about happenings in the College of Agricultural Sciences subscribe to the College's news magazine "Oregon's Agricultural Progress" (<http://oregonprogress.oregonstate.edu/index.php>) and to the College's monthly newsletter "The Source" (<http://agsci.oregonstate.edu/news/newsletters>). The latter also provides links to the newsletters of a number of departments in the College, including CSS. Prepared by Jay Noller Jay.Noller@oregonstate.edu; 541-737-2821

OSU Seed Services Update
OSCS Cereals Advisory Committee
November 16, 2016

Dave Stimpson is the new Seed Lab Manager as of July 29. He replaces Adriel Garay, who retired after nineteen years as manager.

A new \$8,000 seed counter was purchased by the Seed Lab, in response to a motion by the Cereals Advisory Committee that requested that all certified samples of wheat, barley and triticale have a seed count. The seed count testing charges for these were reduced on July 1st.

A simpler formula is now in place for ryegrass testing using AOSA rules. The old formula did not work for the high fluorescing perennial ryegrass varieties.

2016 Snapshot of the Oregon Seed Certification Service

- Staffing
 - 3 Administrative staff
 - 2 Information Technology staff
 - 1 Systems Manager
 - 1 Software Engineer
 - 8 Seed Certification Specialists
 - 10 Part-time/seasonal Seed Certification Inspectors
 - 4 Fulltime and 4 part-time Seed Certification Samplers
 - 1 Manager & Seed Certification Specialist

- Types of Crops Certified by acreage
 - Grasses 82.93%
 - Tall fescue 47%, Perennial ryegrass 29%, Kentucky Bluegrass 6%
 - Cereals 10.43%
 - Wheat & Club Wheat 88%, Barley 5%, Oat 4%
 - Legumes 3.45%
 - Alfalfa 38%, Red Clover 27%, Crimson Clover 13%
 - Other Crops 3.19%
 - Potato 36%, Corn 30%, Sunflower 18%

- Programs Administered
 - Oregon Certified Seed
 - Part of the Association of Official Seed Certifying Agencies (AOSCA)
 - OECD Certified Seed
 - Administered in Oregon for USDA-SRTD

- Stats for 2016
 - 246,669 acres and 5,650 fields
 - 28 Oregon counties with certified crops
 - 84 different crop types certified, and 1,238 different varieties.
 - Growers: 721
 - Warehouses: 363
 - Contractors: 418

- Celebrating 100 years!
 - On December 14th from 4-6:30pm at the OSU Crop Science Bldg, OSCS will be celebrating the 100th year of offering certification services in Oregon. There will be a short presentation, displays emphasizing the various aspects of seed certification in Oregon. and food-- please join us to celebrate!



In 2016 The Oregon Seed Certification program is recognizing it's 100th year of providing Certification Services to the state. The beginnings of this is from a man closely associated with OSU and the College of Agricultural Sciences in particular, George Hyslop. It all began when he saw a need for certification of potatoes that were true to variety and relatively free of disease, so they could be effectively marketed in California. There are very few records from these early years, but it was almost a one man show during this time. In 1918, there were obvious problems with "mixed wheat". Regional varieties were commonly grown and shared amongst growers, but would often get contaminated and/or blended together as there was no set method to determine varietal purity. A small excerpt written by Hyslop on March 18th, 1919 illustrates how new certification was to the state:

"The rules and regulations under which I did seed certification last summer were simply formulated in my head and have never been put on paper before. A farmer who wanted his seed certified made arrangements with the County Agent of his county and when one of us were in that county we inspected the field. If it passed the field inspection we asked for a threshed sample and made the final inspection. After that we issued the certificate, a copy of which I enclose. I am willing to admit that this is rather a crude form of certificate and that it does not have the advantages of the sealed bags of grain used by the Canadian Seed Growers Association but still it has served a very good purpose and works out fairly well thus far in this state. In issuing certificates, it has been necessary for the field to be free from any appreciable quantity of weeds which are not readily separated also for the fields to be free from mixtures which would result in grading the wheat down. These same things are borne in mind in connection with the threshed sample, in addition to this grain that is threshed too close so that the seed coat is seriously injured or that is rather light in test weight is rejected. I think the sample should have a test weight of fifty-six pounds if it should have not enough wheat of other classes to grade below No. 1, for instance not an uncommon mixture is White Club in Marquis. Two percent of this mixture is sufficient to throw it into No. 2, therefore a sample which has more than one and on-half percent of spring White Club wheat or other spring wheats of classes other than the hard Red Spring would be rejected because it is too dangerously close to the line. A mixture of Forty Fold in Marquis is not so serious in that Marquis is practically always spring planted and the Forty Fold does not head out when spring planted. It being present usually only as a volunteer."

"On Classes of wheat other than the hard Red Spring and the Hard Winter I usually do not certify stuff carrying more than three per cent of mixture, of course, in these other classes five percent is allowed. With Forty Fold I have had to be more lenient in that it is pretty hard to get that variety at the present even reasonably free from mixture."



WASHINGTON STATE CROP IMPROVEMENT ASSOCIATION

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WSCIA Foundation Seed Report OR Cereal Advisory Committee Report November 16, 2016

The 2015 – 16 Crop year acreage for the WSCIA Foundation Seed Program was much larger than previous years with a large increase in requests for our services. As shown in the figures at the bottom of this report there was an increase in most all aspects of production.

The 2016 Foundation Seed Service harvest was one of the largest and longest in memory, starting the 15th of July and completing with chickpea and spring wheat harvest in Pullman on the 26th of September with over 611 acres under FSS supervision. Planting for fall 2016 has successfully been completed with 4 different locations which includes 3 growers, and WSU Othello. Year in Advance contracting has continued to benefit the WSCIA FSP in targeting demand for popular varieties and encourage a more accurate planting schedule to facilitate the needs of foundation seed inventories. The Year In Advance contracting for fall of 2017 has fallen significantly which may be a reflection of poor wheat prices. However the YIA contracts for spring of 2017 were very strong creating a high demand for seed stocks to be planted in spring 2016.

The USDA legume varieties which WSCIA holds license have begun to progress both in Washington and Montana. The Avondale lentil and Hampton green pea have both performed well in Montana while the chickpeas, Royal and Nash have been in high demand here in the PNW. To meet demand for Nash and Royal, WSCIA-FSS contracted with several commercial seed houses to help produce significant poundage of these two lines. The demand for pulse crops for spring of 2017 is extremely high with most all foundation stocks of lentils and garbanzos have been spoken for.

			+/-
<u>Foundation Seed Service Facts</u>	<u>2016</u>	<u>2015</u>	<u>Change</u>
<i>Breeder Lots Grown</i>	23	23	0
<i>Single Heads Snapped</i>	15,000	19,000	-21 %
<i>Foundation Small Grains Produced</i>	1,913,000 lbs.	1,149,887 lbs.	+40 %
<i>Foundation Peas, Lentils, Garbs Produced</i>	558,265 lbs.	67,292 lbs.	+87.9%
<i>Foundation Dry Bean Varieties Produced</i>	0	0	0
<i>Grass Seed Distributed</i>	2,080 lbs.	3,950 lbs.	-47.3%
<i>Foundation Seed Distributed</i>	736,150 lbs.	585,365 lbs.	+20.5%
<i>Number of Varieties Planted</i>	54 (<i>incl legume</i>)	55 (<i>incl legume</i>)	-1



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Oregon varieties produced in 2015-16

Foundation seed production	-	Hoody Winter Barley	3 acres
		Kaseberg Winter Wheat	1 acre
		Mary Winter Wheat	1.25 acres
		Yamil Winter Wheat	1.15 acres
		ORCF 101 Winter Wheat	13 acres
Breeder Increases	-	OR 2100081HW	.5 acre
		OR 2110664 HW	.5 acre
		OR 2110679 HW	.5 acre
		OR 2111025 HW	.5 acre
		Bobtail Winter Wheat	.25 acre

Acres Planted for 2016-17 production

Foundation seed Production	-	Rosalyn Winter Wheat	1.0 acre
		NW Duet	3.5 acres
		Hoody Barley	3.5 acres
Breeder Increases	-	OR 2110699 HW	1.0 acre
		OR 2101043 HR WW	.75 acre
		OR 2121086 HR WW	1.5 acres total

Action Items

Recommendations to the Board for consideration on Feb. 14, 2017 from the Cereals Advisory Committee (CAC)

There are no action items that were moved forward from the 2016 CAC meeting.