

Minutes, 2011 Meeting

Cereals Advisory Committee
Certification, Foundation Seed and Plant Materials Board

Tuesday, November 29, 2011; Ag Sciences Room, LaSells-Stewart Center
Oregon State University, Corvallis, Oregon Seed Certification Service

Present: JW Cope, Chair; Lee von Borstel, Vice-chair; Kurt Farris; Joe McDonald; Bob Zielinski, Jr.; Mike Flowers; Sandy Macnab; Greg Vollmer; Berry Treat, Licensing Associate, OSU Office for Commercialization & Corporate Development; Karen Olstad, Washington State Crop Improvement Association; Jerry L. Robinson, Washington State Crop Improvement Association; Rachel Hankins; Farhad Shafa; Jodi Keeling; Russ Karow, Dan Curry; John Zielinski; Dennis Lundeen; Barry Schrupf.

Item 1. Call to order and introductions.

JW Cope called the meeting of the Cereals Advisory Committee (CAC) to order at 8:35 AM. Those in attendance introduced themselves and their respective affiliations. There were no distant meeting locations (video conferencing sites) requested for this meeting.

Item 2. Appreciation and recognitions.

Dan Curry expressed appreciation to all the individuals who volunteer their time to the work of the Cereals Advisory Committee. Their thoughtful consideration of issues and participation in the decision-making processes that ultimately improve the seed certification service are of great value to certification, seed services, Oregon State University, the seed industry, and the users of Oregon certified seed. Thank you.

Item 3. Changes/additions to the agenda.

JW asked for changes or additions to the agenda; none were requested at this time.

Item 4. Minutes of the 2010 CAC meeting.

M/S (von Borstel/R. Zielinski, Jr.) to approve the minutes of the 2010 meeting – approved.

Item 5. Certification Board actions regarding 2010 recommendations from the CAC (Ref. Appendix A, page 9):

The Certification Board met on February 8, 2011 to consider recommendations from the certification advisory committees, and

- ✓ Small Grains Certification Standards, Special Requirements K: update of requirements for field spraying and seed assay of “Clearfield” wheat varieties – Passed.
[Discussion ensued in the CAC regarding effectiveness of the signed affidavit to confirm that herbicide was applied to fields of Clearfield wheat varieties, given that the grower of record was not always the grower of the crop (cases where a seed company signed up a contracted field for the grower). The question focused on the relationship between the grower of record and the actual grower, and that Seed Certification should not be involved in that relationship; the discussion was tabled.]
- ✓ Small Grains Certification Standards, Seed Standards, Inert in Wheat: delete “Inert in Wheat, other than broken Wheat seed, maximum 1.00% in all classes” – Passed.
- ✓ Small Grains Preliminary Growers List: modify to include information regarding private varieties – Did not pass. Board encouraged that options be explored that would not reveal detailed information (e.g., growers’ names, field numbers, acreages) but would still serve the purposes of a buyer’s guide.

[Subsequent resolution: pertinent pages, from the existing report “Varieties and Acres Applied for Certification” which give contractor’s name for private varieties, were an acceptable solution to provide buyer’s guide information, and were appended to the Preliminary Growers List publication.]

Item 6. Additional Certification Requirement (ACR)

Dennis Lundeen provided background and current status of a new provision adopted this year by the Association of Official Seed Certifying Agencies (AOSCA) that establishes the opportunity and mechanism for the developer of a variety to specify additional requirements for certification eligibility. An ACR shall be described in the variety description, and may be a requirement to be applied in a seed field (e.g., a requirement for a spray application, greater isolation distances), or may be applied to a seed lot (e.g., an assay for trait expression). There may be multiple ACRs specified for a variety. AOSCA is currently developing forms and instructions regarding establishment of an ACR. An ACR is applied to a variety, not to a crop; therefore, an ACR is a variety standard, not a crop standard, and will not be required to be entered into the crop certification standards.

Mike Flowers noted that the additional certification requirements pertaining to the Clearfield wheat varieties are just the first example of variety specific requirements, and that an ACR may include testing for unwanted traits, such as a genetically modified trait.

M/S (Flowers/von Borstel) Seed Certification shall adopt an “Additional Certification Requirement” program based on the AOSCA model currently being developed, and move Small Grains Standard Special Requirement K into that program – Passed.

Item 7. “Notification of an Ineligible Sample” (see Appendix A, page 10: Ineligible Notices and Additional Certification Requirements)

In the seed certification database, the field status of “To be verified” was being used to control certification tag and shipping certificate eligibility until spray affidavits were received and Clearfield Confirm Assay results were completed, then the field status was advanced to “Passed”, given no other pending issues with the field. This procedure resulted in crop inspection reports “Passed on Condition”, rather than “Passed”, and also resulted in “Notification of Ineligible Sample” because the field was not passed. The “Notifications” particularly created worry and confusion for the recipients since there was no distinction between short-comings that needed correction from normal situations where sample eligibility was awaiting only the assay result.

The practice of using field status for the above purpose has been discontinued. Farhad explained that the control can now be placed on the variety, and that office staff will remove the control relative to individual seed lots, when all pertinent ACR’s have been fulfilled.

Item 8. Including ACR test results on one test report with purity and germ.

For management of documents in the seed warehouse, and for seed sales, a one-sheet report that contains purity, germ and ACR results is often desirable. Jodi Keeling, OSU Seed Lab explained that this is currently possible, but needs to be managed as an after-the-fact request (after the multiple test reports are generated), and with an accompanying fee; ACR assay results would be entered in that part of the “Report of Seed Analysis” called “Other Determinations”. Mike Flowers observed that probably soon there will be need for consolidating multiple ACR test results on the Report of Seed Analysis. Dan Curry, Director, OSU Seed Services, and 2012 President of the Association of Official Seed Analysts (AOSA), indicated that the report format is prescribed by AOSA, and the AOSA will need to consider the topic of including ACRs on the Report of Seed Analysis. Regarding our current capability for combining reports, Dan indicated we needed to explore ways to automate the process; JW strongly encouraged automation of the requesting process.

Item 9. Documentation of seed movements prior to availability of a test number for the seed lot, and discontinuance of hand written bulk shipping certificates. (See Appendix A, page 11)

Warehouse committee members indicated that 10 days could elapse between the time cleaning is started and a test number is available, and that during that time there may be many disbursements of seed from the cleaned seed lot. Disbursements, usually for planting, are necessary because the customer will not wait; warehouses need to provide seed on demand, and some customers also expect to receive certification documentation along with the seed. Farhad explained that the test number itself is not so much the problem, but review of all the data represented by the test number is the critical concern. JW asked Dennis and staff to work toward a computer generated certification document to replace hand written transfer certificates for the disbursements prior to availability of the test number.

Item 10. Phenotypic variants and seed variants. (See Appendix A, pages 12-14)

M/S (von Borstel/R. Zielinski, Jr.):

Add new footnote 1 to Small Grains Certification Standards, Field Standards, Seedling and Seed Crop Inspection, Other varieties total to read “Phenotypic variants may be specified in a variety description by the variety originator/maintainer, and would not be counted as part of the tolerance for other varieties.” (Existing footnotes 1 & 2 pertaining to Other Small Grains would become footnotes 2 & 3.) – Passed.

Addition to footnote 1 in Small Grains Certification Standards, Seed Standards, Off-type and/or other cereal, etc., to read “Seed variants may be specified in a variety description by the variety originator/maintainer and would not be counted as part of the tolerance for off-type. If a seed count is required, then the fee will be charged to the client submitting the sample.” – Passed.

Item 11. Small Grains Standards, Special Requirements H, re. Jointed goatgrass and Rush skeletonweed (See Appendix A, page 15)

Policy in Oregon has been to reject a field when found with hybrids of Jointed goatgrass, however, this action is not specifically specified in the standards, as it is in Idaho (Washington follows the same policy as Oregon).

M/S (R. Zielinski, Jr./Bob Zemetra): Small Grain Certification Standards, Special Requirements paragraph H shall read: “No re-inspection is allowed if Jointed goatgrass, and/or its hybrids, or Rush skeletonweed is found in the seedling, seed crop, or seed test inspection.” – Passed.

Item 12. Dog fennel in Small Grains (See Appendix A, page 16, and OSCS 2011 Handbook, page 42)

Distinct objection has been voiced to finding Dog fennel in small grains seed lots; seed purchases have been rejected upon arrival due to this weed seed. Though evidence does not indicate that Dogfennel contaminates small grain seed lots very often, when it does it is quite objectionable.

M/S (R. Zielinski, Jr./Joe McDonald) add Dog fennel to Small Grains Certification Standards, Seed Standards, footnote 1, not to be allowed in any class of certified seed. - Passed

Item 13. Flax as a crop in the Willamette Valley.

Dan Curry reviewed increasing interest in fiber flax production in the Willamette Valley, and noted an up-coming industry meeting regarding fiber flax opportunities, and a presentation to be given at the forthcoming Oregon Seed Growers League annual meeting. Carl Haugerud provided (via Barry) a Wall Street Journal article about flax, and comments, pictures, plant and seed samples recording his experiences with oil seed flax as a rotation crop with winter wheat in the Willamette Valley. Carl’s notes specifically emphasized the advantage of the crop as profitable and facilitating a greater diversity of herbicides for herbicide resistant Annual ryegrass volunteer, and the value of the flax rotation crop in breaking disease cycles in wheat

production. Carl has been sufficiently encouraged with results from an initial year's experience with oil seed flax and intends to continue utilizing it in his cropping patterns, and he intends to explore possibilities for use of the stubble in by-products.

Item 14. Elections.

M/S (von Borstel/R. Zielinski, Jr.) Nominate Joe McDonald for vice-chair in 2012 – Passed unanimously.

Item 15. Date and place for 2012 meeting.

Following brief discussion (given that the week prior to Thanksgiving is filled with meetings, the week following Thanksgiving is preferred): Monday, November 26, 2012 in the Board Room at the Discovery Center, The Dalles.

Item 16. Reports

Reports were given for OSU Department of Crop and Soil Science (Russ Karow), OSU Cereal Variety advisory Committee (Mike Flowers), OSU Seed Lab (Jodi Keeling), Oregon Seed Certification Service (Dennis Lundeen and John Zielinski). and Washington State Crop Improvement Association (Jerry L. Robinson).

Regarding fewer shipping certificates being prepared; Lee von Borstel noted that truck sizes and therefore their loads have been increasing in size, resulting in fewer loads and fewer certificates, but more poundage per certificate.

Item 17. Other Business.

Joe McDonald indicated there is still definite interest in the Oregon Approved Seed Certification Warehouse sign and is in hopes that the project is still on track.

Adjournment: JW Cope adjourned the meeting at 12:40 PM.

Respectively submitted:

Barry Schrupf, Secretary
Cereals Advisory Committee

and

John Zielinski
Small Grains Certification Coordinator

Enclosures

Appendix A, Meeting Packet

Appendix B, Recommendations to the Board

cc:

Cereals Advisory Committee

Certification and Foundation Seed and Plant Materials Board

Scott Reed, Vice Provost for University Outreach and Engagement

Sonny Ramaswamy, Dean, OSU College of Agricultural Sciences

Stella Coakley, Associate Dean, OSU College of Agricultural Sciences

William S. Braunworth, Jr., Leader-Extension Ag Program, OSU College of Agricultural Sciences

Russ Karow, Head, Department of Crop and Soil Science, OSU

Pat Hayes, Leader, Barley Breeding Project, Department of Crop and Soil Science, OSU

Dan Curry, Director of Seed Services, Department of Crop and Soil Science, OSU

Jill Habrich, Oregon Feed & Grain Association
Blake Rowe, Oregon Wheat Growers League and Oregon Wheat Commission
Sally Christensen, Oregon Wheat Growers League
Tana Simpson, Oregon Grains Commission
U.S. Wheat Associates West Coast Office
Randy Black, Oregon Department of Agriculture
Victor Shaul, Manager, Seed Inspection Program, Washington Department of Agriculture
Greg Lowry, Idaho Crop Improvement Association (ICIA)
Scott Blake, North Area Manager, ICIA
Sam Jennings, Southwest Area Manager, ICIA
Ken Morris, Southcentral Area Manager, ICIA
Doug Boze, Southeastern Area Manager, ICIA
Kathy Stewart-Williams, University of Idaho Foundation Seed Program
Jerry Robinson, Manager, Washington State Crop Improvement Association (WSCIA)
Karen Olstad, Program Manager, Certification Services, WSCIA
Ron Whittum, Program Manager, Foundation Seed Services, WSCIA
Bob Stewart, California Crop Improvement Association
Extension Crops Agents

Appendix A, Meeting Packet

**CEREALS ADVISORY COMMITTEE
to the
CERTIFICATION and FOUNDATION SEED and PLANT
MATERIALS BOARD**

Tuesday, November 29, 2011; 8:30 AM - Noon
Ag Sciences Rm., LaSells – Stewart Center
Oregon State University
Corvallis, Oregon

JW Cope, Chair
Lee von Borstel, Vice-chair
Carl Haugerud, Representative to the Board
Bob Zielinski
Kurt Farris
Curt Howell
Joe McDonald
Wheat Breeder Bob Zemetra
Mike Flowers
Sandy Macnab

(ex-officio)
Adriel Garay
Dan Curry
Dennis Lundeen
Randy Black
Russ Karow

**CEREALS ADVISORY COMMITTEE
CERTIFICATION AND FOUNDATION SEED AND PLANT MATERIALS BOARD**

Schedule and Agenda

Tuesday, November 29, 2011; 8:30 AM – Noon
Ag Sciences Rm., LaSells-Stewart Center, Oregon State University, Corvallis, Oregon

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

- Item 2** Appreciation (*Dan Curry*)
- Item 3** Changes/additions to the agenda (*JW; ref. page 1*)

Old Business

- Item 4** Approval of the Minutes (*refer to e-mailed minutes*)
(a) Nov 19, 2010 Cereal Advisory Committee (CAC) meeting (*JW*)
- Item 5** 2010 Certification Board actions concerning Cereals (*Carl Haugerud; ref. pg. 2*)
(a) Clearfield Trait Testing for wheat varieties that contain the Clearfield herbicide resistance trait – modification of the existing standard.
(b) Inert in Wheat, other than broken Wheat seed.
(c) Small Grains Preliminary Growers List and private varieties.

New Business

- Item 6** Additional Certification Requirements (ACR), by variety – AOSCA provisions for requirements stipulated by the originator/maintainer of a variety (*Dennis Lundeen*)
- Item 7** “Notification of an Ineligible Sample” and ACRs (*Barry and Farhad, ref. pg. 3*)
- Item 8** Including ACR test results on one test report with purity and germ (*Lee & Jodi Keeling*)
- Item 9** Documentation of seed movements prior to availability of a test number for the seed lot and discontinuance of hand written bulk shipping certificates. (*Lee, John, Barry, ref. pg. 4*)
- Item 10** Phenotypic Variants and Seed Variants (*Barry; ref. pgs. 5, 6 & 7*)
- Item 11** Special Requirements; paragraph H – Jointed goatgrass hybrids (*Barry; ref. pg. 8*)
- Item 12** Dog fennel in Small Grains (*Lee & Barry; ref. pg. 9*)
- Item 13** Flax as a crop in the Willamette Valley: *Oil seed* (*Carl*); *Flax fiber* (*Dan*)
- Item 14** Elections (*JW; ref. page 10*): CAC Vice-chair for 2012 (dealer)
- Item 15** Date and place for next year’s meeting. (*Lee and Barry; ref. pg. 11*)
- Item 16** **Reports**
Oregon Department of Agriculture (*Randy Black*)
OSU Department of Crop and Soil Science (*Russ Karow; ref. pages 12, & 13*)
OSU Cereal Variety Advisory Committee (*Mike Flowers*)
OSU Seed Lab (*Jodi Keeling*)
OSU Seed Certification (*Dennis Lundeen; ref OSCS Activity Summary, and John Zielinski; ref. pages 14, 15 & 16*)
Washington State Crop Improvement Association, Washington Foundation Seed Project (*Jerry Robinson, WSCIA*).
- Item 17** Other Business (*JW Cope*)

Adjourn (*JW*)

Seed Certification, Foundation Seed and Plant Materials Board meeting: Tuesday, February 14, 2012, 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).

Cereals Advisory Committee

motions recommended to the Certification Board at its annual meeting, Tuesday, February 8, 2011

Motion 1. (Reference OSCS 2010 Handbook page 40, Small Grains Certification Standards, Special Requirements, K.) The Cereals Advisory Committee recommends:

K. Clearfield Trait Testing for wheat varieties that contain the Clearfield herbicide resistance trait:

1. Each seed lot will be required to meet the minimum trait standard as defined by the trait owner, and specified in the variety description. The minimum Clearfield trait standard for the 2011 and future harvest seasons will be 92% as based on the Clearfield Confirm Assay, subject to modification by the trait owner. Results from either the Clearfield Confirm Assay or PCR testing will be considered for the intent of satisfying this provision; minimum PCR test result to be determined by BASF. All sampling and testing procedures will follow standard OSCS policy, and OSCS will make final determination of seed lot eligibility. OSCS may monitor this program through requests of additional or larger tests. Seed stock documentation for field applications must include Clearfield Confirm Assay or PCR test results indicating the seed stock has also met the minimum requirement.

2. OSCS will require a signed affidavit from the grower of record verifying that certified seed production fields have been sprayed according to the Clearfield Wheat Seed Production Guidelines.

Motion 2. (Reference OSCS 2010 Handbook page 41, Small Grains Certification Standards, Seed Standards table, Factor: Inert in Wheat, other than broken Wheat seed, maximum.). The Cereals Advisory Committee recommends:

To eliminate the small grains seed standard: "Inert in Wheat, other than broken Wheat seed, maximum: 1.00% (in all classes).

Motion 3. (Reference Cereals Advisory Committee Minutes, November 19, 2010, Appendix A, pages 7 – 9). The Cereals Advisory Committee recommends:

That the Small Grains Preliminary Growers List should include private varieties.

Ineligible Notices and Additional Certification Requirements

Until recently, control over tag eligibility, for those varieties containing the Clearfield trait, was accomplished by keeping the fields in a “To Be Verified” status until both the spray affidavit and the bioassay requirements were satisfied. This practice did not distinguish between those cases where there was an actual documentation deficiency (like an invalid field number for a grower) that needed correcting from those cases that were merely awaiting a test result, like the bioassay. Because of the resulting confusion, use of this mechanism for controlling tag eligibility for Clearfield varieties has been discontinued.

Control over Additional Certification Requirements (ACR), such as the Clearfield Confirm Assay, is now at the variety level; a hold on tag eligibility is in place until all the ACR's for each field and/or seed lot are satisfied, tag eligibility can then be advanced to tag eligible, and this is done at the Seed Certification office.

**Documentation of Small Grain seed movements
prior to availability of a Test Number for the seed lot
And
Discontinuance of hand written bulk shipping certificates.**

Documentation of shipments prior to availability of a test number:

Eligibility for certification of seed shipments (truck loads leaving a seed plant for planting purposes) made prior to availability of a test number is accomplished with a computer generated shipping certificate **as soon as** the test number is available.

Requirements/Restrictions: Seed must be sampled prior to being moved for planting; unsampled seed moved for planting will have lost eligibility to be certified. Hand written certificates are being discontinued and should not be used for these seed movements. The field transfer certificate is not appropriate documentation for seed moved for planting. Unsampled “field run” or “in-the-dirt” seed shipped for conditioning out of state should be documented with the field transfer certificate to retain certification eligibility.

Updating seed lot documentation:

When a shipping certificate is requested online, the one you receive is determined by the seed lot status at the moment of the request. To complete eligibility for certification, Transfers of Seed Pending Final Certification should be replaced online with Certificates of Final Certification using the CIN (certificate identification number found on the original “Pending”). The “Final” exactly duplicates the “Pending”, poundage cannot change; with use of the CIN, poundage will not be deducted twice.

Phenotypic Variants and Seed Variants.

AOSCA Certification Standards define variant as follows:

“Variant means any seed or plant which (a) is distinct within the variety but occurs naturally in the variety, (b) is stable and predictable with a degree of reliability comparable to other varieties of the same kind, within recognized tolerances, when the variety is reproduced or reconstituted, and (c) was originally a part of the variety as released. A variant is not an off-type.”

The plant breeder specifies and describes the variant. The following example is taken from the PVP application for ORCF-101:

“ORCF-101 may contain up to 5 red kernels per pound in Breeders, Foundation, Registered, or Certified classes of seed multiplication. ORCF-101 also may contain up to a total of 1 in 10,000 combined of the naturally occurring variants: plants that are 8 to 15 cm taller or plants with bronze (red or tan) chaff spikes. These variants described are distinct within the variety and are stable and predictable with a degree of reliability comparable to other varieties of the same kind, and was originally part of the variety when released.”

Washington State Crop Improvement Association has been maintaining reference lists of phenotypic and seed variants (see following pages).

E.g., Certified class seed lots of a white wheat variety containing up to 5 red kernels/lb. would be eligible for tagging if the seed test showed nine or fewer red kernels: 5 red kernel variants plus 4/lb. off-types allowed by the standards.

Proposed:

(a) Add new footnote 1 to Small Grains Certification Standards, Field Standards, Seedling and Seed Crop Inspection, Other varieties total to read “Phenotypic variants may be specified in a variety description by the variety originator/maintainer, and would not be counted as part of the tolerance for other varieties.” (Existing footnotes 1 & 2 pertaining to Other Small Grains would become footnotes 2 & 3.)

(b) Addition to footnote 1 in Small Grains Certification Standards, Seed Standards, Off-type and/or other cereal, etc., to read “ Seed variants may be specified in a variety description by the variety originator/maintainer and would not be counted as part of the tolerance for off-type. Nominal seed count for wheat will be 10,000 seeds per pound; if a seed count is required, then the fee will be charged to the client submitting the sample.”

Phenotypic Variants Accepted as a Part of Variety Description (REVISED 7/1/2011)

VARIETY	PHENOTYPE OF VARIANT	ACCEPTANCE TOLERANCE IN EXCESS OF FIELD STANDARD
114 Oat	8" - 10" taller, with more open panicle with white seed	0.10%
183,05 Oat	With awn, taller plant With bent awn, taller plant	Less than 1% combined
095 Winter Triticale	Reddish Tan Chaff	Less than .1%
102 Triticale	6" – 11" taller inclined spikes tan to light brown heads	1/6,500 1/6,000 1/5,000
0-107 Spring Triticale	Tip awns to 2 ½ Inches	1 %
118 Triticale	Taller variants	0.5%
141 Triticale	Awne variants Tall variants	0.5% 0.5%
336 Triticale	20 - 25cm taller, white chaff awnless, awnletted, or curled awns	1% 0.1%
348 Triticale	4 to 5 cm awns hairy neck	0.5%
765 Triticale Winter Forage	Awnletted Head Possible pubescence on some stools	30% + -
815 Triticale	5 – 10cm taller plants brown, bronze, & red heads awnless heads	all found
2700 Triticale	spike attitude taller plants brown, bronze, & red heads awnless heads	1/6,000 1/6,500 all found all found
6600 Triticale	brown heads	1/3,000
Forerunner Triticale	Elongated awns at various height	Up to 0.5%
ACS 52025 (<i>Rimrock</i>)	1 -2 heads taller Red Chaffed	45/10,000 1/10,000
Albion	Tall plants	5/10,000
Alzada Durum Wheat	Black-awned 15 – 30 cm taller	0.2% (20/10,000) 0.2% (20/10,000)
AP Legacy	Taller Plants Awnletted Common Head	Combination up to 1.0%
AP Badger	Taller Plants Awnletted Common Head	Combination up to 1.0%
Bauermeister	2" - 10" taller Variable awn length red/tan chaff or awns	1/10,000
Beamer Soft White Winter Wheat	4 – 6 inches taller	4/10,000
BG 46e (Exp BZ492-46e)	Covered Variant Long Awned –either 2 row or 6 row	0.18% (18/10,000) 0.18% (18/10,000)
BG 006 (Exp YU599-006)	Hulless variant Non Waxy endosperm	4/10,000 8/10,000
BG 012	Covered Variant Non Waxy endosperm	8/10,000 8/10,000

The following list of varieties have approved variants in the seed as noted. These variants are allowed in certified seed in excess of the off-type limitation for each seed class.

VARIETIES THAT HAVE VARIANTS

Agripro Paladin winter wheat	up to 65/lb	only if white wheat
AP Badger winter wheat	up to 0.5%	only if red wheat
AP Legacy winter wheat	up to 0.7%	only if red wheat
ACS 52025 winter wheat (rimrock)	up to 18/10,000	only if white wheat
Andrews winter wheat	up to 5/lb	only if white wheat
BG 006 Spring waxy barley	up to 8/10,000 seed each	non waxy endosperm
BG 006 Spring waxy barley	up to 4/10,000 seed each	only if hullless
BG 012 Spring hullless waxy barley	up to 8/10,000 seed each	only if covered OR non waxy endosperm
BG 46e Spring hullless waxy barley	up to 18/10,000 seed each	only if covered
BR 7030W HWspring wheat	up to 0.002 – 0.03%/lb	only if red wheat
Bauermeister winter wheat	up to 35/lb	only if white wheat
Babe spring wheat	up to 0.05%/lb	only if red wheat
Blanca Grande spring wheat	up to 20/lb	only if red wheat
Boundary winter wheat	up to 11/lb, 12/lb (R, C)	only if white wheat
Brundage 96 winter wheat	up to 5/lb, 6/lb, 7/lb (F, R, C)	only if red wheat
Buchanan winter wheat	up to 8/lb	only if white wheat
Buck Pronto spring wheat	up to 20/lb	only if white wheat
Bullseye HR spring wheat	up to .3%	only if white wheat
Cabernet (95WV10616) spring wheat	up to 65/lb	only if white wheat
Cara winter club wheat	up to 5/lb	only if red wheat
Cavalier spring wheat	up to 50/lb	only if white wheat
CEB 0520 HRwinter wheat	up to 5/lb	only if white wheat
Clear First winter wheat	up to 20/lb	only if red wheat
Columbia 1 winter wheat	up to 0.05%	only if white wheat
Eddy (BZ9W96-788-e) winter wheat	up to 45/lb	only if white wheat
Eltan winter wheat	up to 15/lb	only if red wheat
Estica winter wheat	up to 10/lb	only if white wheat
Express spring wheat	up to 18/lb	only if white wheat
Espresso spring wheat	up to 18/lb	only if white wheat
Fineway winter wheat	up to 12/1b	only if white wheat
Farnum winter wheat	up to 0.15 %	only if white wheat
Finley winter wheat	up to 11/lb	only if white wheat
Foote winter wheat	up to 5/lb	only if red wheat
Germain's 10 spring wheat	up to 50/lb	only if white wheat
Goetze winter wheat	up to 10/lb	only if red wheat
Hank spring wheat	up to 18/lb	only if white wheat
Hatton winter wheat	up to 7/lb	only if white wheat
Hill 81 winter wheat	up to 20/lb	only if red wheat
Hollis spring wheat	up to 20/lb	only if white wheat
Idaho 587 winter wheat	up to 3/lb	only if red wheat
Ilias HR winter wheat	up to 15/lb	only if white wheat
Jedd spring wheat	up to 1.0%	only if white wheat
Jefferson spring wheat	up to 4/lb	only if white wheat

Jointed goatgrass

Current Standards:

Oregon: No reinspection is allowed if Jointed goatgrass is found in the seedling, seed crop, or seed test inspection.

Washington: Fields rejected for Jointed goatgrass at first inspection are not eligible for reinspection. . . .

Idaho: Fields found to contain jointed goatgrass, and/or its hybrids, will be rejected, and will not be eligible for reinspection.

Proposed: Small Grain Certification Standards, Special Requirements, paragraph H:

“No re-inspection is allowed if Jointed goatgrass, and/or its hybrids, or Rush skeletonweed is found in the seedling, seed crop, or seed test inspection.”

Should Dogfennel be prohibited in Oregon certified small grains? Carry over from last year's meeting.

November 10, 2011 Purities database search:

Dogfennel occurred in 429 purity records,
none were certified wheat samples
four of these were commercial wheat samples,
none were barley samples
three were certified oat samples
one was a commercial oat sample

Dogfennel could be added to (page 42 in 2011 Handbook) the Small Grains Certification Standards, Seed Standards, footnote 1, "None of the prohibited weeds listed in section V in the OSCS Handbook, nor any or Dogfennel allowed in any class of Certified seed.

Cereal Advisory Committee Membership, Annual Meeting 2011

<u>Name</u>	<u>Annual Meetings</u>	<u>Address</u>	<u>Affiliation</u>
Kurt Farris (541) 546-5222 kurt@rbseed.com	'11, '12, '13 Chair, 2009	Round Butte Seed Growers, Inc. PO Box 117 Culver, OR 97734	Dealer (OFGA)
Lee von Borstel (541) 442-5555 seedplant@mcpcoop.com	'11, '12, '13 Chair, 2005 Vice Chair, 2011	Mid Columbia Producers PO Box 344 Moro, OR 97039-0344	Grower (OWGL)
Curt Howell (541) 898-7333 6936@eoni.com	'10, '11, '12 Chair, 2008	Oregon Trail Seeds, Inc. P.O. Box 7 North Powder, OR 97867	Dealer (OFGA)
Bob Zielinski (503) 393-4926 svfspnw@aol.com	'10, '11, '12	Scenic Valley Farms/Eastern Z Farms 12423 River Rd NE Gervais, OR 97026	Grower (OWGL)
JW Cope (530) 667-2275 jcope.winema@cot.net	'09, '10, '11 Chair, 2006 Chair, 2011	Winema Elevators, Inc. P.O. Box 516 Merrill, OR 97633	Producer (OGC)
Carl Haugerud (503) 394-3573 haugerud@smt-net.com	'09, '10, '11 Representative to the Board ; Chair, 2010	39379 Stayton - Scio Road Scio, OR 97374	Grower (OWGL)
Joe McDonald (541) 278-5072 jmcDonald@pggcountry.com	'09, '10, '11 Chair, 2007	Pendleton Grain Growers P.O. Box 1248 Pendleton, OR 97801	Dealer (OFGA)
Sandy Macnab (541) 565-3230 sandy.macnab@oregonstate.edu	Permanent	Sherman County Extension PO Box 385 Moro, OR 97039	County Extension Agent OSU
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Affiliations: OFGA - Oregon Feed & Grain Association, Jill Habrich, Executive Director; OWGL - Oregon Wheat Growers League, Blake Rowe, Chief Executive Officer; OGC - Oregon Grains Commission, Blake Rowe, Chief Executive Officer; ODA - Oregon Department of Agriculture; OSU – Oregon State University.

November 2012

October 2012							November 2012							December 2012						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6		1	2	3	4	5	6	7	1	2	3	4	5	6	7
7	8	9	10	11	12	13	8	9	10	11	12	13	14	8	9	10	11	12	13	14
14	15	16	17	18	19	20	15	16	17	18	19	20	21	15	16	17	18	19	20	21
21	22	23	24	25	26	27	22	23	24	25	26	27	28	22	23	24	25	26	27	28
28	29	30	31				29	30						29	30	31				

- Work
- Home

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12 WSCIA	13 WSCIA	14 Grain Conf.	15 Grain Conf.	16 Grain Conf.	17
18	19	20	21	22 Thanksgiving Day	23	24
25	26	27	28	29	30	1

CSS Update
November 20, 2011

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

1. **College of Ag Sciences** – The mergers of the Department of Crop and Soil Science with Horticulture (forming the School of Integrated Plant, Soil, and Insect Science - IPSI), Animal Sciences with Rangeland Ecology and Management, and General Ag and Ag Education with the College Office of Academic Affairs will be considered by upper level OSU and OUS administration this fall. There is no reason to believe that approval will not be granted. These mergers are intended to align departments in the College that have similar missions and goals for greater efficiency and synergies. Other changes in College organization may occur once budgets for the coming biennium are known.
2. **OSU Extension** - The OSU Extension Service has moved to a regional administration model for county extension faculty. Under this model, rather than being managed by a county staff chair, faculty in a group of counties would administered by a single person. There are coordination benefits to this approach. Ten of twelve regional administrators across the state have been identified. In the Willamette Valley, Derek Godwin will administer the West Central Region (Yamhill, Polk, Marion, Benton and Linn counties), Patrick Proden the Metro Region (Washington and Multnomah counties) and Mike Bondi Clackamas County and the North Willamette Research and Extension Center. With these administrative changes, Nicole Anderson's supervisor has been changed to Derek Godwin to better reflect her north Valley regional ag appointment. Bill Braunworth, Ag Extension Program Leader, is also working on both short-term and long-term staffing plans for agricultural extension activities. The Ag extension budget as it presently stands is over a million dollars in the red and budget reductions of @14% are anticipated in the current fiscal year, more if additional budgets reductions are required of state agencies during the February 2012 legislative session.
3. **State Budgets** – Departments and branch experiment stations have been told to plan for an @14% reduction in budgets from the last biennium. In addition, all state-funded programs are operating under a 3.5% hold-back. The state has not given authority to spend these funds in anticipation of additional budget reductions when the legislature meets in February 2012. The November 17th state budget forecast was down an additional \$107M. This reduction plus that seen in August has depleted all reserve funds that the legislature had built into the current biennial budget.
4. **Federal budgets** – Federal budgets are a mess, as you are well aware. All proposals to date for federal fiscal year 2012 suggest that funding for agricultural experiment station and extension activities will be level at best to slightly reduced. Special grants that have historically funded several million dollars of research at OSU (Grass Seed Cropping Systems, STEEP, meadowfoam breeding, etc.) are a thing of the past in the new budget reality. The College of Ag will need to become more dependent on teaching activities for the creation of new faculty positions and outside funding support as we move into the future.
5. **Grant Funding** – Grants are the other means through which faculty will obtain funds for program operation and in the case of most recent hires, a portion of the person salary. The College of Agricultural Sciences grant total in 2010-11 was just short of \$60 million – a new record. OSU is setting records for both grant funding and funds contributed to the OSU Foundation to establish endowments and other funding mechanisms that are outside state and federal pools. Endowments will provide some level of on-going stability to those programs that have them. A number of grower/commodity groups are exploring the creation of endowments. More information can be provided to anyone interested.
6. **Positions** – The College gave permission to fill a new potato breeding position at Hermiston. Three positions have been lost in the potato program over the past two years with just this one backfilled. A field crops extension position in Malheur County was also approved. A death and a resignation have resulted in loss of all field crops extension expertise in the county at present. The Malheur position has closed and applicants were reviewed earlier this week. The Hermiston position will close in mid-November. We hope to have new people in these positions in early 2012. Given budget unknowns, decisions on how to proceed with filling other priority extension and research positions cannot be made at this time.

Despite budget woes, variety development work in wheat, barley, potatoes, meadowfoam, hazelnuts and vegetable crops is still going strong. Weed management and soil science work has received national recognition. Seed crop work continues but at reduced levels given the retirement of key personnel. Blueberries, cane berries and other fruit related work continues to be an area of interest given nutritional concerns on a national level. Environmental landscaping and organic production are other areas of keen interest on many levels.

For more information about happenings in the College of Agricultural Sciences you are invited to 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 Russ Karow, Head, CSS russell.s.karow@oregonstate.edu; 541-737-2821

Oregon Seed Certification Service

2011 Small Grain Season Summary

76 Seedling Inspections

69 Passed

3 Withdrawn

Reasons: Requested by grower

4 Passed on Condition

(Pending Seed Source Documentation or Overseeing Documentation)

358 Crop Inspections

324 Passed

13 Passed on Condition

Reasons: Variety ownership declaration not provided. Lack of variety description. Change in contractor.

13 Fields were withdrawn

Reasons: Requested by grower

8 Fields were rejected

Reasons: Lack of sign-up for re-inspection.
Cereal rye.
Jointed goatgrass.
Wild oats.

Fields with specified contaminants:

*Prohibited weeds

73	Cheatgrass	21	Kochia	6	Tarweed
55	Prickly Lettuce	19	Lambs-quarter	5	Green Foxtail
54	Canada thistle*	17	Wild oat	5	Russian Thistle
54	Field bindweed*	17	Mustard	4	Bedstraw
28	Wild carrot	16	Dogfennel	2	Jointed goatgrass
26	Quackgrass*	16	Barnyard grass	1	Triticale
22	Sowthistle	13	Brome	1	Cereal rye

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

Loose Smut Two fields were found with loose smut

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			
2013			
2014			
2015			
2016			
2017			
2018			
2019			
2020			
2021			
2022			
2023			
2024			
2025			

* Information not available.

2000 – 2011 Yearly Activity Summaries for
Certificate of Final Certification (CFC), Transfer of Seed Pending Final Certification (TSP)
and electronic Certificates (eCRT)
[CFC's and TSP's were hand written, eCRT's were computer generated]

	2000			Total	2001			Total	2002			Total	2003 ¹			Total	2004			Total
	Cert	Reg			Cert	Reg			Cert	Reg			Cert	Reg			CFC	TSP		
Barley	0	0		0	1	2		3	0	7		7	38	6		44	56	1		57
Oats	1	0		1	0	4		4	0	9		9	2	3		5	3	0		3
Wheat	299	75		374	150	92		242	0	25		25	88	13		101	753	79		832
Total	300	75		375	151	98		249	0	41		41	128	22		150	812	80		892
	2005				2006				2007				2008				2009			
	(1/1-12/31/05)				(1/1-12/31/06)				(1/1-12/31/07)				(1/1-12/31/08)				(1/1-12/31/09)			
	CFC	TSP	eCRT ²		CFC	TSP	eCRT		CFC	TSP	eCRT		CFC	TSP	eCRT		CFC	TSP	eCRT	
Barley	40	0	26	66	0	0	118	118	0	0	170	170	0	0	38	38	0	0	38	38
Sunflwr																			4	4
Oats	1	0	0	1	0	1	1	2	0	0	0	0	3	0	0	3	3	0	1	4
Triticale																			4	4
Clover																			18	18
Wheat	632	610	1141	2387	12	9	1781	1802	10	0	1404	1414	5	2	2065	2072	3	0	2254	2257
Total	673	610	1167	2450	12	10	1900	1922	10	0	1574	1548	8	2	2103	2113	6	0	2319	2325
	2010				2011				2012				2013				2014			
	(1/1-11/2/10)				(11/3/10-11/10/11)															
	CFC	TSP	eCRT		CFC	TSP	eCRT		CFC	TSP	eCRT		CFC	TSP	eCRT		CFC	TSP	eCRT	
Barley			78	78	2		51	53												
Oats	6		1	7	9		4	13												
Triticale					1		2	3												
Wheat	26	3	1898	1927	97		1197	1294												
Total	32	3	1977	2012	109		1254	1363												

¹ In 2003 there are 35 additional fields that were Transfer of Seed Pending Final Certification

² Electronic Certificates (eCRT) became available online (OSCS webpage) beginning 8/30/2005

**2000 – 2011 Yearly Activity Summaries for
Certificate of Final Certification (CFC), Transfer of Seed Pending Final Certification
(TSP)
and electronic Certificates (eCRT)
[CFC's and TSP's were hand written, eCRT's were computer generated]**

Total Number of Clients that used E-Cert in 2005 = 3
Total Number of Clients that used E-Cert in 2006 = 5
Total Number of Clients that used E-Cert in 2007 = 4
Total Number of Clients that used E-Cert in 2008 = 2
Total Number of Clients that used E-Cert in 2009 = 4
Total Number of Clients that used E-Cert in 2010 = 6
Total Number of Clients that used E-Cert in 2011 = 10
Total Number of E-Certificates from 8/30/2005 through 11/10/2011 = 12,018

Cereal Certification and Foundation Seed and Plant Material Advisory Committee Bylaws

Article I. Name and Location

Cereal Certification and Foundation Seed and Plant Material Advisory Committee.

The principal office and place of business shall be in the College of Agricultural Sciences, Oregon State University.

Article II. Objectives

The objectives of the Advisory Committee are set forth as follows:

1. To promote and improve cereal seed by developing high quality seed standards.
2. To advise and cooperate with the Oregon State University Certification and Foundation Seed and Plant Material Board by recommending changes to the Board which are in the best interest of the cereal industry of Oregon.
3. To aid in the dissemination of information affecting Oregon cereal growers and dealers by working through their respective organizations.

Article III. Membership

1. The Advisory Committee shall consist of ten voting members, four of whom shall represent the Oregon cereal producers, three who will represent Oregon cereal dealers and/or processors, one OSU cereal breeder, one OSU extension specialist, and one county agent. The following shall serve as ex-officio members: Crop and Soil Science Department Head, Certification Project Manager, Foundation Project Manager, Seed Laboratory Manager, Oregon Department of Agriculture representative, and such other ex-officio members as the Dean or Committee deem necessary.
2. Representatives of the Committee shall be appointed by the following organizations but not necessarily confined to members.

Oregon Wheat Growers League:

three Producers of which two will have had at least two years experience growing certified seed.

Oregon Grains Commission:

one Producer.

Oregon Feed & Grain Association:

three Dealers who deal in certified seed

College of Agricultural Sciences (OSU):

one OSU cereal breeder

one OSU cereal extension specialist

one County extension agent

3. In the event one of the groups fails to appoint its designated number of representatives or if a vacancy occurs, the Dean may appoint appropriate representatives.

Article IV. Term of Membership

1. The four producers and three dealer-processors shall be appointed to serve a three-year term. To initiate the [original, nine member] committee the first year, one shall be selected to serve a year, one to serve two years and one to serve three years. Re-appointment for an additional term is permissible but new individuals should be appointed whenever possible.

2. The OSU cereal breeder, extension specialist, and county extension agent shall serve at the Dean's discretion.

Article V. Officers

1. Officers shall consist of a chairman and a vice-chairman. Each will serve a one-year term. If the first chairman is a producer, the vice chairman will be a dealer. After the first selection, the producer and dealer will be represented as chairman on alternate years.
2. The secretary shall be chosen by the Dean and may or may not be a member of the Committee.

Article VI. Meetings

1. The Committee shall meet periodically and at least once a year.
2. Special meetings may be called by the chairman as is deemed necessary.
3. Meeting notices shall be mailed at least 20 days before each annual meeting and each special meeting. The secretary shall mail notices to each member. Notices of special meeting shall state the nature of the business to be considered.
4. Minutes of each meeting will be forwarded to each appointing organization and each member of the Advisory Committee and Board within two weeks of the meeting date.
5. The voting members present shall constitute a quorum for the transaction of business at any officially called meeting.

Article VII. Amendments

These bylaws may be amended by any officially called meeting by a two-thirds affirmative vote of the voting members, subject to Board approval.

AMENDED, FEBRUARY 10, 1993

APPENDIX B

Cereals Advisory Committee
motions recommended to the Certification Board at its next annual meeting, Tuesday, February 14,
2012

Motion 1. Seed Certification shall adopt an “Additional Certification Requirement” program based on the AOSCA model currently being developed, and move Small Grains Standard Special Requirement K into that program

Motion 2.

Add new footnote 1 to Small Grains Certification Standards, Field Standards, Seedling and Seed Crop Inspection, Other varieties total to read “Phenotypic variants may be specified in a variety description by the variety originator/maintainer, and would not be counted as part of the tolerance for other varieties.” (Existing footnotes 1 & 2 pertaining to Other Small Grains would become footnotes 2 & 3.).

Addition to footnote 1 in Small Grains Certification Standards, Seed Standards, Off-type and/or other cereal, etc., to read “Seed variants may be specified in a variety description by the variety originator/maintainer and would not be counted as part of the tolerance for off-type. If a seed count is required, then the fee will be charged to the client submitting the sample.”

Motion 3. Small Grain Certification Standards, Special Requirements paragraph H shall read: No re-inspection is allowed if Jointed goatgrass, and/or its hybrids, or Rush skeletonweed is found in the seedling, seed crop, or seed test inspection.

Motion 4. Add Dog fennel to Small Grains Certification Standards, Seed Standards, footnote 1, not to be allowed in any class of certified seed.