



Seed Certification, Foundation Seed & Plant Materials Board 2023 Meeting Minutes

Thursday, February 24, 2023

Board Members and Guests present: *Dean Staci Simonich; Sam Angima, Ryan Graebner, Nicole Anderson, Sagar Sathuvalli (Zoom), Kenneth Frost (Zoom), Jennifer Kling, Alex Albion, Terri Burr, Tami Brown, Scott Setniker, Warren Dole (Zoom), Seth Crawford (Zoom), Gonzalo Ducos, Elizabeth Savory, Tom Chastain, Bill Braunworth, Dan Curry, Andrew Altishin, Jodi Keeling, Lorinda Hughes, Craig Agidius, Terry Burr, John Zielinski, Mel Laam (Zoom).*

Welcome & Introductions

Dan Curry called the meeting to order at 10AM. He welcomed the group and invited everyone to introduce themselves. The secretary confirmed that the quorum was met (15 of 17 voting members were present; two positions were vacant), and official business could be conducted.

Approval of 2023 Agenda

Members moved and seconded to approve the 2023 Meeting Agenda as written. All in favor.

Approval of 2022 Minutes

Members moved and seconded to approve the 2022 Meeting Minutes as written. All in favor.

OSU College of Agricultural Sciences report

Dean Simonich introduced herself and thanked the OSU staff and industry members. She announced that OSU is the #2 agriculture school in the US, our eCampus is 5th in the US, and 50% of the agriculture students are eCampus students. She then showed a College of Agriculture promotional video, *Believe It: College of Agricultural Sciences Capital Campaign*, that will be made public very soon.

OSU Extension Service report

Sam Angima gave his update via Zoom.

- Marion/Clackamas Counties Field Crops Position – based out of Salem. Search is continuing. Emily Duerst was the stakeholder in the search committee with other OSU field crops faculty. We have two finalist and interviews are now set for late February and early March 2023.
- North Valley Position based out of Yamhill County (formerly occupied by Nicole Anderson) is still vacant. Our statewide legislative ask includes this position among other Ag Extension positions we are seeking.
- Extension seed production specialist position is now filled by Dr. Nicole Anderson effective July 1, 2022. This position is providing much needed statewide leadership for our stakeholders.
- John Spring's agronomy research and Extension position in central Oregon will be refilled soon. PD being developed and search committee being assembled. That position has 25% Extension duties, and we expect to fill in by fall of 2023.

- Two new applied economics positions were filled in the fall of 2022. These positions, one in crop production and the other in rural economic development will benefit Extension programs in providing needed data to run profitable enterprises.
- Through applied economics department, we are putting forward a request to Oregon Agricultural Heritage Commission for a farm succession planning position to help farmers prepare succession plans as part of their business plans.

OSU Department of Crop and Soil Science report

Tom Chastain gave the report on the current events in the Crop and Soil Science Department.

Personnel Changes

- Dr. John Spring announced that he is leaving OSU effective March 3rd. John was an Assistant Professor of Weed Science at the Central Oregon Agricultural Research & Extension Center. His academic home was in CSS.
- Assistant/Associate/Professor of Wheat Breeding and Genetics – Corvallis. The interviews are completed.
- Assistant Professor (Practice) – Salem. Interviews are underway now.
- Assistant Professor (Practice) – Prineville. The search closed on January 6th.
- Assistant Professor of Soil Science - Pedology – Corvallis. The position closed on February 12th.
- Assistant Professor and Irrigated Crop Entomology Specialist – Hermiston. The position closed on February 17th.
- Assistant Professor of Precision Agriculture – Corvallis. The position will close on March 24th.
- Assistant Professor and Extension Specialist in Weed Science – Corvallis. The search committee is working on the position description.

News

- Planning is starting for Hyslop Farm Field Day – this year's event is scheduled for May 24th at 9AM with a hosted lunch.
- The CSS Recognition Event will take place on June 7th at 2 PM in the MU Horizon room on the OSU campus. The purpose is to recognize student scholarship and award winners as well as our graduating class; faculty and staff winners of awards and election as fellows, and years of service awards. Attendees will include faculty, staff and students, and donors and parents. There will be a Zoom option.

OSU Horticulture Department report

Bill Braunworth gave the report on the current events in the Horticulture Department.

- The Horticulture research budget is growing. Research funding is more than double what comes from the state funds.
- They are working on bee health research.
- The department has developed new technologies, some of which are patented. Revenue from that source is up 6%.
- They have a successful hazelnut breeding program as well as for various fruits and vegetables.
- There has been a 20% increase in scholarship distribution.
- New courses being offered include organic agriculture, urban agriculture, biological data science, and new PACE courses. A lot of effort is being put toward remote delivery of courses because access is very important to land grant universities.

- Spoke of the many volunteers that participate in the master gardener, bee keeper, and melittologist programs.

Grass and Legume Advisory Committee report and recommendations

Terri Burr provided the report and recommended action items forwarded from the GLAC.

Item 1 Updates the Chicory Standards to include a minimum sample size of ½ pound.

It was moved and seconded to approve item 1 as proposed.

VOTE: All in favor.

Item 2 Updates the Annual Ryegrass Standards to raise the maximum perennial ryegrass from 0.10% to 0.28%, and the total other crop including perennial ryegrass maximum from 0.20% to 0.38% (see Attachment 3).

It was moved and seconded to accept item 2 as proposed.

VOTE: All in favor.

Item 3 Updates the definition of Field Boundaries in the Handbook, Section IV. e. from “The certification unit is the entire field” to “The certification unit is the entire contiguous field. Combining two fields separated by a fence, ditch, or farm lane must be approved by the inspector.” (see Attachment 3)

It was moved and seconded to accept item 3 as proposed.

VOTE: All in favor.

Item 4 Updates the field history requirements for most grasses and legumes (see Attachment 4, Appendix A list) from “...unless the previous crop was the same variety, class and certified” to “...if the previous crop was of the same variety, same or higher class and passed certification field requirements for genetic purity.” After some discussion, the proposed wording was changed to “...if the previous crop year of [insert species name] was of the same variety, same or higher class, and passed certification field requirements for genetic purity (see Attachment 4).

It was moved and seconded to accept item 4 with the revised wording.

VOTE: All in favor.

Item 5 Andrew Altishin gave an update on how OSCS responded to a request from the Oregon Seed Association to redefine “blend” and “mixture” to align with the Federal Seed Act and other states’ seed laws. OSCS was able to act quickly, redefine the terms as follows, and implement computer programming to facilitate the change.

Blend: different varieties of the same species

Mixture: different species

Augmented: same variety & species, multiple lots (old “blend”)

Cereals Advisory Committee report and recommendations

Alex Albion confirmed that there were no action items being brought to the board by the CAC in 2023.

Seed Conditioners Advisory Committee report and recommendations

Warren Dole confirmed there were no action items submitted in 2023.

Mint Advisory Committee report and recommendations

Scott Setniker confirmed that there were no action items submitted by the MAC in 2023.

Hemp Advisory Committee report and recommendations

Seth Crawford confirmed that there were no action items submitted by the HAC in 2023.

USDA National Clonal Germplasm Repository report

There was no report given this year.

Oregon Department of Agriculture report

Elizabeth Savory delivered activity highlights from the ODA Seed Regulatory Program (Attachment 7).

- Pacific Northwest Sod Quality tags will be ready to be implemented after Oregon and Washington finish the legislative process. The tag printing responsibility will become OSCS's, hopefully starting July 1.

Oregon Seed Association report

Gonzalo Ducos delivered the Oregon Seed Association report (Attachment 8)

OSU Seed Services report

Dan Curry offered the Seed Services update (Attachment 9).

Oregon Seed Certification report

Andrew Altishin reviewed Seed Certification activities for the past year (Attachment 10).

- Dean Simonich recommended that next year the report include the percentage changes for number of active warehouses and growers.
- Andrew gave a presentation showing:
 - The cost of certification in Oregon versus Washington, Idaho, and California
 - Upcoming projects: sod tags and virtual tagging for seed stock

OSU Seed Lab report

Lorinda Hughes updated the group on Seed Lab activities (Attachment 11).

- Per the Dean's request, there was a discussion about the backlog.

Other Business

- Bylaws Membership Term Clarification (Attachment 12)

Current Bylaws:

Article IV. Term of Membership

The members shall be appointed to serve a three-year term with eligibility for reappointment.

The standard practice is for the advisory committee representatives to be appointed annually at each advisory committee meeting. The members from Oregon State University and Affiliate Agencies are only reappointed on an as-needed basis, not every three years.

A motion was made to incorporate Article IV. into Article III and change the wording to match current practice (see below). The motion was seconded and passed unanimously.

Article III. Membership

The membership of the Board shall consist of members appointed by the Dean as follows (indicates a voting member position):*

1. Industry—at least one-half shall be producers

Advisory committee representatives: yearly appointment determined at each advisory committee meeting preceding the Board Meeting

*Cereal Advisory Committee representative**

*Grass & Legume Advisory Committee representative**

*Mint Advisory Committee representative**

*Potato Advisory Committee representative**

*Seed Conditioner Advisory Committee representative**

*Hemp Advisory Committee representative**

Additionally, one (1) seed trade representative (alternate between commodity groups): three-year term with eligibility for reappointment*

2. Oregon State University: reappointed as needed

*Cereal specialist**

*Grass and legume specialist**

*Potato specialist**

*Mint specialist**

*Plant breeder**

*Plant pathologist**

Extension specialist Research geneticist**

*Director of Extension**

*Dean and Director of Experiment Stations**

Head of Horticulture Department – ex officio

Head of Crop and Soil Science Department – ex officio

Director of Seed Services – ex officio

Seed Certification Manager – ex-officio

Seed Laboratory Manager – ex officio

Assistant to the Chairman – ex officio

3. Affiliate Agencies: reappointed as needed

State Department of Agriculture representative - ex officio*
*U.S. Department of Agriculture representative**

- Long discussion about field burning. Dean Simonich asked the OSU faculty to look into field burning as a solution to the vole problem that many growers are experiencing.

Adjournment

The meeting adjourned at 12:40 pm.

Minutes prepared by Jodi Keeling.

All advisory committee meeting minutes and supplementary materials are available online at seedcert.oregonstate.edu, or by request to the Seed Certification office.

Seed Certification, Foundation Seed & Plant Materials Board Meeting Agenda 2023

Thursday, February 23, 2023

The meeting will convene at 10AM in the Agriculture Meeting Room at the LaSells Stewart Center

Welcome & Introductions	<i>Dan Curry</i>
Approval of 2023 Agenda	<i>Dan Curry</i>
Approval of 2022 Minutes	<i>Dan Curry</i>
OSU College of Agricultural Sciences report	<i>Dean Staci Simonich</i>
OSU Extension Service report	<i>Dr. Sam Angima</i>
OSU Department of Crop and Soil Science report	<i>Dr. Tom Chastain</i>
OSU Horticulture Department report	<i>Dr. Bill Braunworth</i>
Potato Advisory Committee report and recommendations	<i>Mike Macy / Tami Brown</i>
Grass and Legume Advisory Committee report and recommendations	<i>Terri Burr / Andrew Altishin</i>
<ul style="list-style-type: none">• Add minimum sample size to chicory standards.• Change the non-fluorescing seedlings allowed in annual ryegrass of the Foundation generation from 0.1% to 0.28%.• Field history update to the phrase, "...unless the previous crop was the same variety, class, and certified."• Update the definition of field boundary to, "The certification unit is the entire contiguous field. Combining two fields separated by a fence, ditch, or farm lane must be approved by the inspector."• Update on certified mixtures and blends.	
Cereals Advisory Committee report and recommendations	<i>Alex Albion</i>
Seed Conditioners Advisory Committee report and recommendations	<i>Warren Dole</i>
Mint Advisory Committee report and recommendations	<i>Scott Setniker</i>
Hemp Advisory Committee report and recommendations	<i>Seth Crawford</i>
US Department of Agriculture report	<i>Representative</i>
Oregon Department of Agriculture report	<i>Dr. Elizabeth Savory</i>

Oregon Seed Association report

Gonzalo Ducos

OSU Seed Services report

Dan Curry

Oregon Seed Certification report

Andy Altishin

OSU Seed Lab report

Lorinda Hughes

Other Business

- Clarification of term of membership to the Board
- Adjournment

**OREGON STATE UNIVERSITY SEED CERTIFICATION, FOUNDATION SEED &
PLANT MATERIALS BOARD MEMBERS 2023**

NAME	BOARD POSITION	TERM EXPIRY	TITLE	CONTACT	EMAIL
*Dr. Staci Simonich	Chair	None	Dean, College of Agricultural Sciences	OSU Campus, 430 Strand Ag Hall, Corvallis, OR 97331 (541) 737-5813	staci.simonich@oregonstate.edu loretta.austin@oregonstate.edu
Dr. Sam Angima	Assistant to the Chair	Ex-officio	OSU Assistant Dean, Director of Ag Extension	OSU Campus, 448c Strand Ag Hall, Corvallis, OR 97331 (541) 737-3742	sam.angima@oregonstate.edu
*Dr. Ryan Graebner	Cereal Specialist	None	OSU Extension Cereal Specialist	OSU CBARC, PO Box 370, Pendleton, OR 97801 (541) 359-7151	ryan.graebner@oregonstate.edu
*Dr. Nicole Anderson	Grass & Legume Specialist	None	OSU Associate Professor	OSU Campus, 351C Crop Science Bldg. Corvallis, OR 97331 (503) 553-9922	nicole.anderson@oregonstate.edu
*Dr. Sagar Sathuvalli	Plant Breeder	None	OSU Associate Professor, Potato Breeding and Genetics	OSU HAREC 2121 S. 1st St., Hermiston, OR 97838 (541) 567-6337	vidyasagar@oregonstate.edu
*Dr. Jeremiah Dung	Mint Specialist	None	OSU Extension Plant Pathologist	OSU COARC, 850 NW Dogwood Ln., Madras, OR 97741 (541) 475-7107	jeremiah.dung@oregonstate.edu



OREGON STATE UNIVERSITY SEED CERTIFICATION, FOUNDATION SEED & PLANT MATERIALS BOARD MEMBERS 2023

*Vacant	Extension Specialist	None	-	-	-
*Dr. Brian Charlton	Potato Specialist	None	OSU Senior Instructor, Potato Variety Development	Klamath Basin Res. and Extension 6941 Washburn Way Klamath Falls, OR 97603 (541) 883-4590	brian.a.charlton@oregonstate.edu
*Dr. Kenneth Frost	Plant Pathologist	None	OSU Assistant Professor and Extension Plant Pathologist	OSU HAREC, 2121 S. 1st Street, Hermiston, OR 97838 (541) 567-8321	kenneth.frost@oregonstate.edu
*Dr. Jennifer Kling	Research Geneticist	None	OSU Professor/Senior Research, Plant Breeding and Genetics	OSU Campus, 249 Crop Science Bldg, Corvallis, OR 97331 (541) 737-8277	jennifer.kling@oregonstate.edu
*Dr. Sam Angima	Director of Extension	None	OSU Assistant Dean, Director of Ag Extension	OSU Campus, 448c Strand Ag Hall, Corvallis, OR 97331 (541) 737-3742	sam.angima@oregonstate.edu
*Alex Albion	Cereals Advisory Committee Representative	2023	CAC Secretary, Seed Certification Specialist	OSU Campus, 31 Crop Science Bldg., Corvallis, OR 97331 (541) 737-4513	alex.albion@oregonstate.edu



OREGON STATE UNIVERSITY SEED CERTIFICATION, FOUNDATION SEED & PLANT MATERIALS BOARD MEMBERS 2023

*Terri Burr	Grass & Legume Advisory Committee Representative	2023	GLAC Member, Oregon Seed Association	Pennington Seeds 2023 270 Hansard Ave Lebanon, OR 97355 (541) 971-4900	tburrr@penningtonseed.com
*Mike Macy (Tami Brown proxy)	Potato Advisory Committee Representative	2023	PAC Member, Grower	8528 SW Larch Dr., Culver, OR 97734 (541)546-6136	macyfarms@gmail.com
*Scott Setniker	Mint Advisory Committee Representative	2023	MAC Member, Grower	PO Box 338, Independence, OR 97351 (503) 932-9623	setniker@aol.com
*Warren Dole	Seed Conditioner Advisory Committee Representative	2023	SCAC Member, Seed Conditioner	Riverview Seed Co., 36124 E Walls Rd, Hermiston, OR 97838 (541) 564-0366	warren@riverviewseed.com
*Seth Crawford	Hemp Advisory Committee Representative	2023	HAC Member, Plant Breeder	Jack Hempicine LLC, 13605 Corvallis Rd., Monmouth, OR 97361 (541) 206-2151	seth@jackhempicine.com
*Gonzalo Ducos	Seed Trade Representative	2026	Oregon Seed Association Member	Smith Seed Service PO Box 288 Halsey, OR 97348 (541) 369-2831	gonzalo.ducos@smithseed.com



OREGON STATE UNIVERSITY SEED CERTIFICATION, FOUNDATION SEED & PLANT MATERIALS BOARD MEMBERS 2023

*Dr. Elizabeth Savory	Oregon Department of Agriculture	Ex-officio	Plant Health Program and Seed Regulatory Program Manager, ODA	Oregon Dept. of Agriculture, 635 Capitol Street NE, Salem, OR 97301 (503) 986-4631	elizabeth.savory@oda.oregon.gov
*Vacant	United States Department of Agriculture Representative	None			
Dr. Tom Chastain	Head of Crop and Soil Science Department	Ex-officio	OSU Department Head and Professor, Crop and Soil Science	OSU Campus, 109B Crop Science Bldg, Corvallis, OR 97331 (541) 737-2821	thomas.chastain@oregonstate.edu
Dr. Bill Braunworth	Head of Horticulture Department	Ex-officio	Department Head, OSU Department of Horticulture	OSU Campus, 4017 Ag Life Sciences Bldg, Corvallis, OR 97331 (541) 737-3695	bill.braunworth@oregonstate.edu
Dan Curry	Director of Seed Services	Ex-officio	OSU Director of Seed Services, Department of Crop and Soil Science	OSU Campus, 351B Crop Science Bldg, Corvallis, OR 97331 (541) 737-5094	daniel.curry@oregonstate.edu
Andrew Altishin	Seed Certification Manager	Ex-officio	Manager, Oregon Seed Certification Service	OSU Campus, 31 Crop Science Bldg, Corvallis, OR 97331 (541) 737-4513	andrew.altishin@oregonstate.edu
Dr. David Stimpson	Seed Laboratory Manager	Ex-officio	Manager, OSU Seed Laboratory	OSU Campus, Seed Laboratory, Corvallis, OR 97331 (541) 737-4464	david.stimpson@oregonstate.edu



OREGON STATE UNIVERSITY SEED CERTIFICATION, FOUNDATION SEED & PLANT MATERIALS BOARD MEMBERS 2023

Jodi Keeling	Secretary	Appointed	Process Manager, Oregon Seed Certification Service	OSU Campus, 31 Crop Science Bldg., Corvallis, OR 97331 (541) 737-4513	jodi.keeling@oregonstate.edu
---------------------	-----------	-----------	--	---	------------------------------

* Indicates voting members

Seed Certification, Foundation Seed & Plant Materials Board

Grass & Legume Advisory Committee Action Items

2/23/2023

1. Update Chicory Standards in the Handbook: Header of the Seed Standards table, adding Minimum Sample Size – 1/2 Pound.
2. Update Annual Ryegrass Standards to allow for one non-fluorescing seedling in the Handbook: In the Seed Standards Table, changing ‘Perennial Ryegrass, maximum’ from 0.10% to 0.28% and ‘Total other crop including perennial ryegrass, maximum’ from 0.20% to 0.38%.

+ Seed Standards: (Minimum Sample Size – 1/2 Pound)			
Factor	Foundation (Whitetag)	Registered (Purpletag)	Certified (Blue tag)
Total ryegrass, minimum	99.00%	99.00%	99.00%
Crops other than ryegrass, maximum	0.10%	0.25%	0.50%
Perennial Ryegrass, maximum³	0.28%	1.00%	2.00%
Total other crop including perennial ryegrass, maximum	0.38%	1.25%	2.50%
Inert matter, maximum	1.00%	1.00%	1.00%
Weed seed ⁴ maximum	0.15%	0.15%	0.30%
Weed seed, GROUP A ⁵ , singly or combined	None	45/lb.	45/lb.
Germination, minimum	90%	90%	90%
Ploidy test, minimum ⁶	100%	99%	95%

3. Update definition of Field Boundaries in the Handbook: Section IV. E. Field Management Inspection, I.e. Field Management Prior to Field Inspection, “The certification unit is the entire field” will change to “The certification unit is the entire contiguous field.” Combining two fields separated by a fence, ditch or farm lane must be approved by the inspector.

e. The certification unit is the entire **contiguous field**. **Combining two fields separated by a fence, ditch or farm lane must be approved by the inspector.** When a portion of the field is to be certified; this portion must be properly identified by a fence, ditch, other crops, mowed strip, or adequate stakes. This boundary is to be approved by the inspector as to its adequacy and may be subject to re-inspection.

Attachment 4

Grass & Legume Advisory Committee Action Items, cont.

4. Field history update in the Handbook to make the land requirement standards in the instance where the terms previously used for Grasses and Legumes, "...unless the previous crop was the same variety, class and certified." Field history requirements for most grasses and legumes will now read, "...Registered and Certified classes, these requirements are waived if the previous crop was of the same variety, same or higher class and passed certification field requirements for genetic purity."



Oregon Seed Certification Service
<http://seedcert.oregonstate.edu>

CERTIFICATION STANDARDS
TALL FESCUE
(Festuca arundinacea)*
 Revised February 10, 2023

Certification Standards: The general standards for seed certification found in the Oregon Seed Certification Service (OSCS) Handbook are basic to all crops, and together with the following specific regulations constitute the certified Tall Fescue standards.

Varieties Certified: Varieties and classes eligible for planting may be found in the OSCS Handbook.

Field History: Land must not have grown nor been seeded to these listed species and for the periods of time, as follows:

Previous crop	Time out required		
	Foundation	Registered	Certified
Annual Ryegrass	0	0	0
Perennial Ryegrass	0	0	0
Intermediate Ryegrass	0	0	0
<u>Festulolium 2x/4x</u>	0	0	0
<u>Festulolium 6x</u>	5 yrs.	18 mos.	18 mos.
Tall Fescue	5 yrs.	18 mos.	18 mos.
Meadow Fescue	5 yrs.	18 mos.	18 mos.

For Registered and Certified classes, these requirements are waived if the previous crop **year** was of the same variety, same or higher class and **passed certification field requirements for genetic purity**. Tall Fescue must be planted in distinct rows. Exceptions must be approved by the Seed Certification Office prior to planting.

Tall fescue is used as an example. See Appendix A for the full list of affected crop standards.

5. Update: definitions for a Blend and Mixture to harmonize with the Federal Seed Act. A sub-committee was created to look at this topic to work with OSA in order to redefine a Blend and a Mixture in the OSCS Standards.

Attachment 4

Appendix A

Crop Standards to update due to GLAC issue on field history

alkaligrass	trefoil
creeping bentgrass	vetch
bermudagrass	buckwheat
big bluegrass	chicory
bluegrass	flax
creeping bluegrass	Lewis, prairie, blue flax
Kentucky bluegrass	meadowfoam
rough bluegrass	plantain
crested dogtail	
annual fescue	
chewings and slender creeping red fescue	
hard, sheep, blue, and Idaho fescue	
meadow fescue	
strong creeping red fescue	
tall fescue	
festulolium 2/4	
festulolium 6	
crested hairgrass	
tufted hairgrass	
hardinggrass	
koleagrass	
meadow foxtail	
oatgrass	
orchardgrass	
reed canarygrass	
annual ryegrass	
intermediate ryegrass	
perennial ryegrass	
teff	
altai and basin wildrye	
blue wildrye	
camelina	
arrowleaf clover	
balansa clover	
ball clover	
berseem clover	
crimson clover	
rose clover	
subterranean clover	
lentil	
lupine	
pea	
soybean	

Attachment 5

OSU Ag Extension Report 2023

Marion/Clackamas Counties Field Crops Position – based out of Salem. Search is continuing. Emily Duerst was the stakeholder in the search committee with other OSU field crops faculty. We have two finalist and interviews are now set for late February and early March 2023.

North Valley Position based out of Yamhill County (formerly occupied by Nicole Anderson) is still vacant. Our statewide legislative ask includes this position among other Ag Extension positions we are seeking.

Extension seed production specialist position is now filled by Dr. Nicole Anderson effective July 1, 2022. This position is providing much needed statewide leadership for our stakeholders.

John spring's agronomy research and Extension position in central Oregon will be refilled soon. PD being developed and search committee being assembled. That position has 25% Extension duties, and we expect to fill in by fall of 2023.

Two new applied economics positions were filled in the fall of 2022. These positions, one in crop production and the other in rural economic development will benefit Extension programs in providing needed data to run profitable enterprises.

Through applied economics department, we are putting forward a request to Oregon Agricultural Heritage Commission for a farm succession planning position to help farmers prepare succession plans as part of their business plans.

Attachment 6

Department of Crop and Soil Science Report

Thomas G. Chastain, Department Head

Context and Scope

The Department of Crop and Soil Science (CSS) is an academic enterprise within the College of Agricultural Sciences (CAS) with faculty and staff located at the Corvallis campus, branch experiment stations and county extension offices across Oregon. These faculty and staff are engaged in the department's four missions in research, teaching, extension, and service. Three on-campus service units are an important part of our service mission – OSU Seed Laboratory, OSU Seed Certification, and the Soil Health Lab.

Personnel

Dr. John Spring announced that he is leaving OSU effective March 3rd. John was an Assistant Professor of Weed Science at the Central Oregon Agricultural Research & Extension Center. His academic home was in CSS.

Assistant/Associate/Professor of Wheat Breeding and Genetics – Corvallis. The interviews are completed.

Assistant Professor (Practice) – Salem. Interviews are underway now.

Assistant Professor (Practice) – Prineville. The search closed on January 6th.

Assistant Professor of Soil Science - Pedology – Corvallis. The position closed on February 12th.

Assistant Professor and Irrigated Crop Entomology Specialist – Hermiston. The position closed on February 17th.

Assistant Professor of Precision Agriculture – Corvallis. The position will close on March 24th.

Assistant Professor and Extension Specialist in Weed Science – Corvallis. The search committee is working on the position description.

News

Planning is starting for Hyslop Farm Field Day – this year's event is scheduled for May 24th.

The CSS Recognition Event will take place on June 7th at 2 PM in the MU Horizon room on the OSU campus. The purpose is to recognize student scholarship and award winners as well as our graduating class; faculty and staff winners of awards and election as fellows, and years of service awards. Attendees will include faculty, staff and students, and donors and parents. There will be a Zoom option.

Seed Certification, Foundation Seed and Plant Materials Board Update

February 23, 2023



Seed Regulatory Program Updates

Sod Quality Standard Harmonization – Idaho, Oregon, & Washington

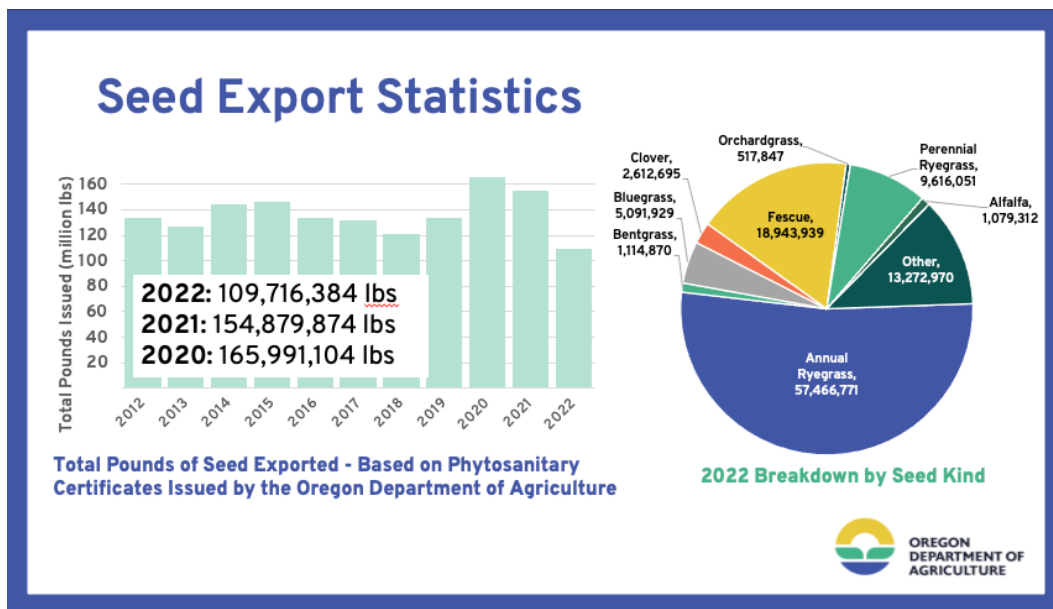
- Held tri-state meeting with stakeholders on October 18, 2022
- Agreed to set of standards (see attached)
- Spring 2023 estimate for when Oregon and Washington rulemaking will be complete; Idaho will adopt in December 2022 (board decision, not rulemaking)
- More information available at <https://oda.direct/SodQualityTags>

Price Negotiations Rulemaking

- Held Rules Advisory Committee in 2022 (five meetings) with seed industry representatives.
- Hearing is scheduled for March 7, 1-3 pm
 - Join at <https://oda.fyi/grass-seed-hearing>
- Last day for public comment is March 10th at 5:00 pm

Export Statistics

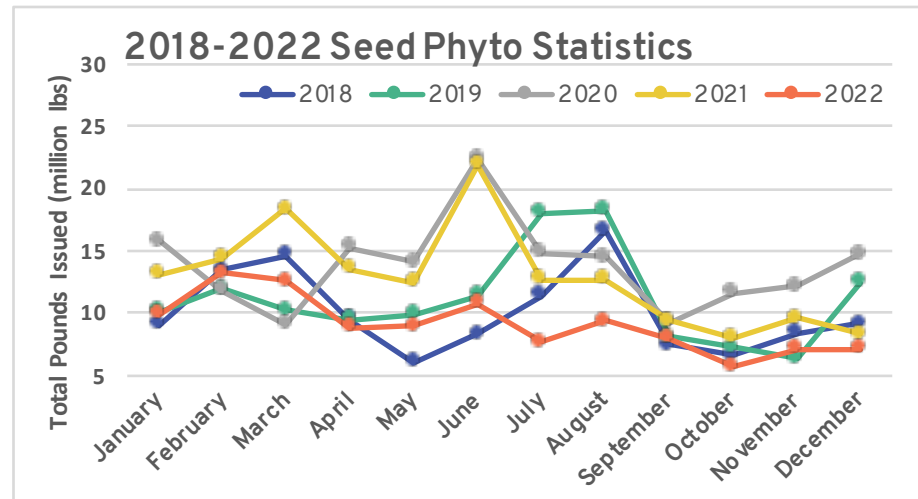
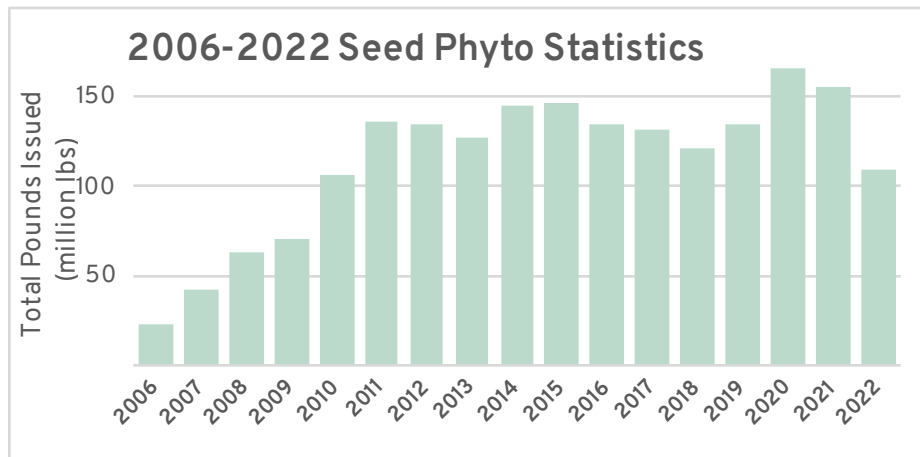
- Please see attached summary documents.



Seed Phytosanitary Certificates Summary Data - By Month and Year (pounds)

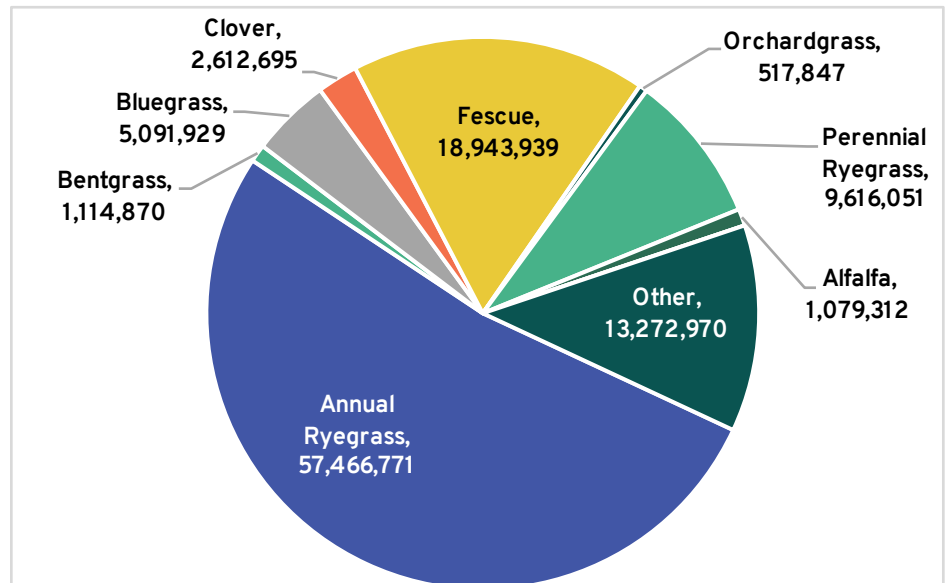
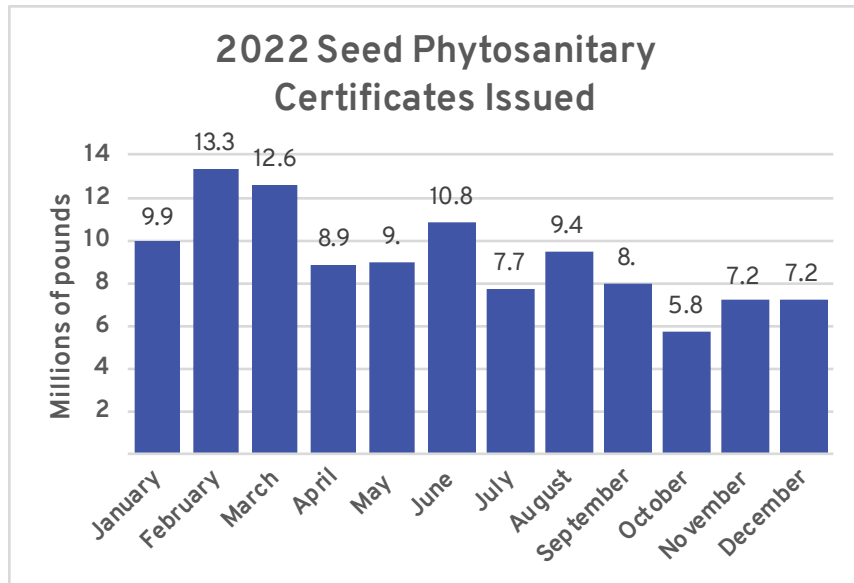
	January	February	March	April	May	June	July	August	September	October	November	December	TOTALS
2006	454,664	635,843	1,608,216	1,322,833	1,140,373	2,258,771	1,165,801	1,903,722	2,911,423	2,940,958	3,551,165	3,485,050	23,378,819
2007	5,041,737	3,958,794	3,703,147	2,577,687	1,873,022	2,781,983	2,732,831	4,111,166	2,486,030	2,662,651	3,974,573	6,610,992	42,514,613
2008	8,366,218	5,441,006	5,220,102	4,785,036	6,918,967	5,849,781	5,863,403	3,914,533	4,919,935	3,467,345	2,619,047	5,142,753	62,508,126
2009	6,943,769	9,146,212	4,650,232	3,948,935	3,805,521	7,108,558	5,562,247	6,350,347	3,081,679	4,069,966	6,865,900	9,034,488	70,567,854
2010	9,892,983	12,073,939	7,059,612	8,507,988	9,767,843	8,093,539	7,392,918	10,661,252	10,141,460	6,044,373	7,054,854	8,962,288	105,653,049
2011	12,871,103	17,817,187	15,314,916	10,698,778	6,730,506	10,766,203	9,186,704	12,674,719	8,104,300	9,160,109	9,575,960	12,826,858	135,727,343
2012	12,432,275	19,069,854	12,770,195	11,443,386	12,804,475	8,416,595	7,583,057	11,783,582	8,684,430	5,937,222	9,920,305	13,210,445	134,055,821
2013	11,302,240	14,854,795	7,975,859	8,285,587	10,870,276	8,791,361	12,210,267	11,628,591	8,432,416	9,602,159	8,171,143	15,056,695	127,181,389
2014	14,360,278	17,167,086	15,072,400	10,564,872	10,679,686	13,103,991	12,147,360	15,520,909	7,954,975	7,857,133	8,222,512	11,490,409	144,141,611
2015	11,070,922	9,922,858	14,159,177	15,839,551	15,325,975	8,852,314	19,932,767	11,623,747	9,779,375	10,234,152	9,784,739	9,563,410	146,088,987
2016	10,409,453	11,036,866	9,051,334	10,836,992	12,659,318	15,158,889	14,536,366	12,930,361	7,625,186	7,632,429	7,306,971	14,482,072	133,666,237
2017	14,024,647	11,767,232	12,889,771	6,967,757	9,099,129	12,334,602	11,688,142	19,495,269	10,202,964	5,584,921	7,231,746	10,667,294	131,953,474
2018	9,126,464	13,466,635	14,649,303	9,559,715	6,046,591	8,319,327	11,399,196	16,639,474	7,482,024	6,620,886	8,442,573	9,180,012	120,932,200
2019	10,141,086	11,928,706	10,246,107	9,502,400	9,895,020	11,451,146	18,105,578	18,243,496	8,118,403	7,305,990	6,405,657	12,508,972	133,852,561
2020	15,783,097	11,891,123	9,106,583	15,259,570	14,132,478	22,415,278	14,828,147	14,593,765	9,308,287	11,637,682	12,227,940	14,807,154	165,991,104
2021	13,175,534	14,405,201	18,402,166	13,547,006	12,551,580	21,899,084	12,763,842	12,721,253	9,356,448	8,029,331	9,647,761	8,380,668	154,879,874
2022	9,891,500	13,304,113	12,601,320	8,883,034	8,996,541	10,799,432	7,717,855	9,444,982	8,005,907	5,752,372	7,152,029	7,167,299	109,716,384

Grey highlights represent bienniums



Seed Phytosanitary Certificates Issued 2022 (pounds) - By Seed Kind

Month	Annual Ryegrass	Bentgrass	Bluegrass	Clover	Fescue	Orchardgrass	Perennial Ryegrass	Alfalfa	Timothy	Other	Total Pounds
January	4,502,882	149,869	779,041	259,333	2,484,432	68,509	759,895	220,460		667,079	9,891,500
February	4,355,526	145,076	653,512	279,497	4,079,573	47,192	1,068,777	456,550		2,218,410	13,304,113
March	3,750,831	137,407	1,010,006	123,303	4,815,987	5,006	1,246,612	38,989		1,473,179	12,601,320
April	4,912,657	55,037	919,830	19,207	1,458,993	4,402	417,859			1,095,049	8,883,034
May	5,857,236	40,969	325,329	44,092	1,436,786	83,909	709,236	44,092		454,892	8,996,541
June	7,327,795	36,962	547,437	221,861	531,189	35,728	467,263	140,214		1,490,983	10,799,432
July	5,502,668	17,902	78,039	195,079	451,837	6,001	708,057	4,000		754,272	7,717,855
August	7,225,301	55,773	17,423	71,607	263,909	79,797	1,122,116			609,056	9,444,982
September	4,165,008	3,678	35,127	17,503	347,885	22,850	1,165,177	87,633		2,161,046	8,005,907
October	2,930,048	74,558	129,206	324,294	925,443	2,800	980,997			385,026	5,752,372
November	2,623,487	156,181	296,617	569,802	1,366,058	159,152	632,315	87,374		1,261,043	7,152,029
December	4,313,332	241,458	300,362	487,117	781,847	2,501	337,747			702,935	7,167,299
Totals	57,466,771	1,114,870	5,091,929	2,612,695	18,943,939	517,847	9,616,051	1,079,312	0	13,272,970	109,716,384



2022 Export Volume based on Phytosanitary Certificates Issued by the Oregon Department of Agriculture

Volume (lbs)	Seed Kind									Grand Total
	Annual							Perennial		
Country	Ryegrass	Bentgrass	Bluegrass	Clover	Fescue	Orchardgrass	Other	Ryegrass	Alfalfa	Grand Total
Argentina	1,002,621	1,200	89,155	329,721	675,057		50,733	48,000		2,196,487
Australia	6,028,656	19,355	95,615	187,400	339,028		293,504	62,481		7,026,039
Central & South America	1,074,701	549	1,200	195,901	99,629	132,702	381,815	560,399	761,194	3,208,090
Chile	723,401	500	4,611	489,242	698,465	44,491	65,440	500,587		2,526,737
China	14,447,806	140,698	2,417,994	164,154	10,195,655	86,903	3,193,659	3,054,717		33,701,586
Colombia	459,068	700		79,007	30,305	47,000	1,269,709	462,585	9,950	2,358,324
Japan	2,237,655	127,080	162,014	279,400	400,291	129,501	389,246	730,750		4,455,937
Korea, Republic of	15,602,931	111,153	349,798	4,413	749,844	58,734	1,997,119	710,653		19,584,645
Mexico	1,741,751	654	8,751	4,382	199,719	16,850	345,626	356,309		2,674,042
New Zealand	940	7,163	22,500	176,512	600,905	1,650	80,880	236,444	148,153	1,275,147
Other	2,351,481	39,077	418,939	162,909	1,039,256	6	341,445	1,690,092	153,771	6,196,976
Other Asia	2,515,291	2,676	4,107	2,000	8,410		535,275	145,438	6,244	3,219,441
Europe	9,280,469	664,065	1,517,245	537,654	3,907,375	10	2,807,393	1,057,596		19,771,807
Canada							1,473,843			1,473,843
United States							47,283			47,283
Grand Total	57,466,771	1,114,870	5,091,929	2,612,695	18,943,939	517,847	13,272,970	9,616,051	1,079,312	109,716,384

Data through December 31, 2022

Seed Phytosanitary Certificates Summary Data - By Destination (pounds)

Country	2019	2020	2021	2022
Argentina	717,758	1,526,066	1,029,894	2,196,487
Australia	10,062,870	12,078,448	7,408,812	7,026,039
Canada	1,872,566	1,517,976	1,646,065	47,283
Central & South America	2,514,732	5,300,787	4,493,738	3,208,090
Chile	2,123,237	3,461,738	5,497,900	2,526,737
China	51,391,801	65,974,655	64,984,816	33,701,586
Colombia	2,646,150	2,401,193	2,971,770	2,358,324
Europe	27,242,414	38,113,256	29,315,312	1,473,843
Japan	4,837,409	3,557,995	3,761,680	4,455,937
Korea, Republic of	18,301,147	19,115,833	20,445,050	19,584,645
Mexico	3,226,766	3,288,367	3,073,263	2,674,042
New Zealand	1,031,469	523,117	792,510	1,275,147
Other	5,427,417	6,710,669	6,165,859	6,196,976
Other Asia	2,189,985	2,397,980	3,263,445	3,219,441
United States	61,499	23,024	29,762	19,771,807
Totals	133,647,220	165,991,104	154,879,876	109,716,384

Data reflects total pounds of seed exported based on phytosanitary certificates issued by the department.

Attachment 8

2023 Seed Certification, Foundation Seed & Plant Materials Board meeting OSA update report – February 23, 2023

OSA Board members currently are:

Dustin Withee, Smith Seed Services (President)
Lucas Solis, Pure Seed (Vice President)
Joe McAlhany, Jr., Ampac Seed (Secretary/Treasurer)
Doug Pickles, Lewis Seed Co. (Immediate Past President)

Directors:

Brenda Landis, Allied Seed
Stacy Kuenzi, Mountain View Seeds
Kate Hartnell, Saddle Butte Ag
Sean Chaney, DLF USA
Kristen Haskett, SiteOne Landscape Supply
Chase Cochran, Turf Merchants

2022 from dealers' perspective:

The year 2022 for the seed trade industry started with good demand and firm prices like the previous two, with the demand being ahead of the supply. However, after seeing the COVID restrictions eased in the big majority of the world, the consumers' consumption habits shifted back again to pre-COVID times; and the demand fell abruptly, especially in the turf sector both domestically and internationally. The spring weather was not favorable for new plantings in the Northern hemisphere either what made the demand to be very soft. The harvest in Oregon was reasonably acceptable with few exceptions that may have been affected by excess of rain during pollination.

Even though we can consider that the bubble in consumption generated during COVID years has gone and the war in Ukraine brought some uncertainty and doubts through the commercialization chain worldwide, we experienced a fair demand of certified seed from Europe, especially forage Annual ryegrass and Tall fescue. Besides the well-known quality of certified seed grown in Oregon that always make our products attractive, the fact that South America had a reduced area due to high commodity prices during sowing season and then affected by a severe drought, made us to be almost the only suppliers of certified seed for the European market other than their own production.

Domestic consumption was lower in the majority of the species than the previous 2 years and prices were softening as the fall was going by.

In summary, was a challenging year for the trade companies but we do expect to find a new balance in the market and have seed flowing through the distribution channels for the good of all Oregon seed industry.

State-Private Cooperation Acknowledgment:

OSA would like to acknowledge OSU, ODA and USDA for all the cooperation and participation in our activities bringing support and confidence to our members for their day-to-day operations.

OSA activities:

- OSA requested to review the industry grass seed price negotiation rules. DOJ revised rules to clarify some processes that previously were ambiguous. The rule now includes:
 - A process for reviewing the proposed price and setting of the established price
 - It establishes eligibility requirements to participate. Eligibility to be verified by ODA when dealers submit their growers' list of those they believe are in OGSBA, and OGSBA will provide a current member list.
 - OSA will supervised dealer meetings.
 - A process for getting out of the negotiations if a price could not be agreed upon, and another process for adjusting the price.
- OSA requested ODA to look at standardizing sod requirements between Oregon, Washington and Idaho. A comparison of all 3 state's rules were done with regard to weed seed tolerances, purity and germination requirements. Minimal changes were needed to be made in each state to harmonize regulations. The updated regulations should be in place in a couple of months. Along with that, sod tags in Oregon, will now be printed by OSU to simplify the process.
- Applied for ODA specialty crop block grant for funding to create central database of all 50 states' and federal seed regulations. This tool will mine the data automatically to ensure accuracy and timeliness of information. Will be advised if awarded grant in October. This tool will be available to members and non-members.
- Working with Chemeketa Community College on curriculum for non-credited agriculture classes. One focus will be on training for those in the seed-testing field to meet the demand for more registered seed technologists.
- Created web tool for users to post job opportunities within membership, and students to post resumes for job and intern opportunities.
- Made donations to: Santiam Canyon Wildfire Relief Fund (Jan. 2022); FFA convention sponsorship (2022 & 2023); Oregon Seed Growers League (December 2022); Bryan Ostlund's (Oregon grass seed commissions) trip expenses to join trade mission to Japan (Oct 2022)

Seed workshop:

In response to the growing demand for registered seed technologists, the Oregon Seed Association has partnered with the Northwest Seed Labs to host an educational, hands-on workshop in late April over a 4-day period. This workshop is designed to provide continuing education credits to current or potential RSTs. The workshops will be held in the Ag facilities at Chemeketa Community College. The workshop will include a meet-and-greet reception, as well as a tour on the final day to a seed cleaning facility, a seed testing lab, and potentially a processing facility. The workshop has attracted attendees from across the country.

Attachment 9

Seed Services Update

February 23, 2023

A team of Certification specialists and other seed industry professionals increased a small amount of Gulf annual ryegrass to 50 lbs. of breeder seed. The Oregon Ryegrass Commission hired a seed stock grower this fall in Washington to grow two acres of Foundation Gulf. The goal is to have Foundation Gulf available for Oregon growers.

The Tall Fescue Commission hired the same Washington grower to raise two acres of Foundation Kentucky 31 for the next two years. The goal is to have Registered K31 available for Oregon growers.

An ISTA sub-committee is working on developing a PCR test that would distinguish the difference between annual and perennial ryegrass. Multiple primers have been sent to four labs, including the OSU Seed Lab so that one or two best primers will be chosen. Once chosen, a referee will be developed and shared with up to eight international seed labs, to test the efficacy of the primer. The goal is to develop a protocol using the new primer that will be approved by both AOSA and ISTA.

A team of researchers have been assembled to use computer vision, neural networks, and robotics to develop a prototype machine that could be used to sort off-type seed from pure grass seed. The team is applying for two grants to fund the major portion of the project.

2022 Year in Review

Total Acres Certified of all Crops – 215,444 (-6%)

Total Acres of Grass Crops Certified – 178,311 (-6.3%)

Tall fescue – 101,580 (-3.1%)

Perennial ryegrass – 34,957 (<1%)

K. Bluegrass – 10,152 (-33%)

Annual ryegrass – 7,858 (-13%)

Chewings fescue – 5,836 (-11%)

Total Acres of Small Grains Certified – 21,269 (-5.8%)

Wheat – 19,745 (-3.4%)

Barley – 558 (46%)

Oat – 325 (-30%)

Triticale – 385 (77%)

Club wheat – 120 (-40%)

Red oat – 136 (20%)

Cereal rye – 0 (-100%)

Total Acres of Legumes Certified – 5,148 (-20%)

Red clover – 3,641 (10%)

Crimson clover – 319 (-69%)

Total Acres of Misc. Other Crops Certified – 10,716 (11%)

Radish – 935 (-34%)

Total Acres of Potatoes Certified – 3,082 (1%)

Total Acres of PVG Certified – 107 (159%)

Total Acres of Corn – 2,825 (13%)

Active Warehouses in 2022 - 168

Active Growers in 2022 - 641

Updates

- Jeff Mc Morran retiring
- Tami Brown shifted responsibilities to take over the potato program
- Emily Litke, OS2 in the OSCS office
- Jennifer Vahl – Linn, Lane and Benton sampler
- Karen Courtney – Union sampler
- Paula Mills retired in June
- Open Position
 - o Yamhill, Polk, Washington Co. sampler



Oregon State
University

OSCS Staffing

Andrew Altishin

Oregon Seed Certification Service

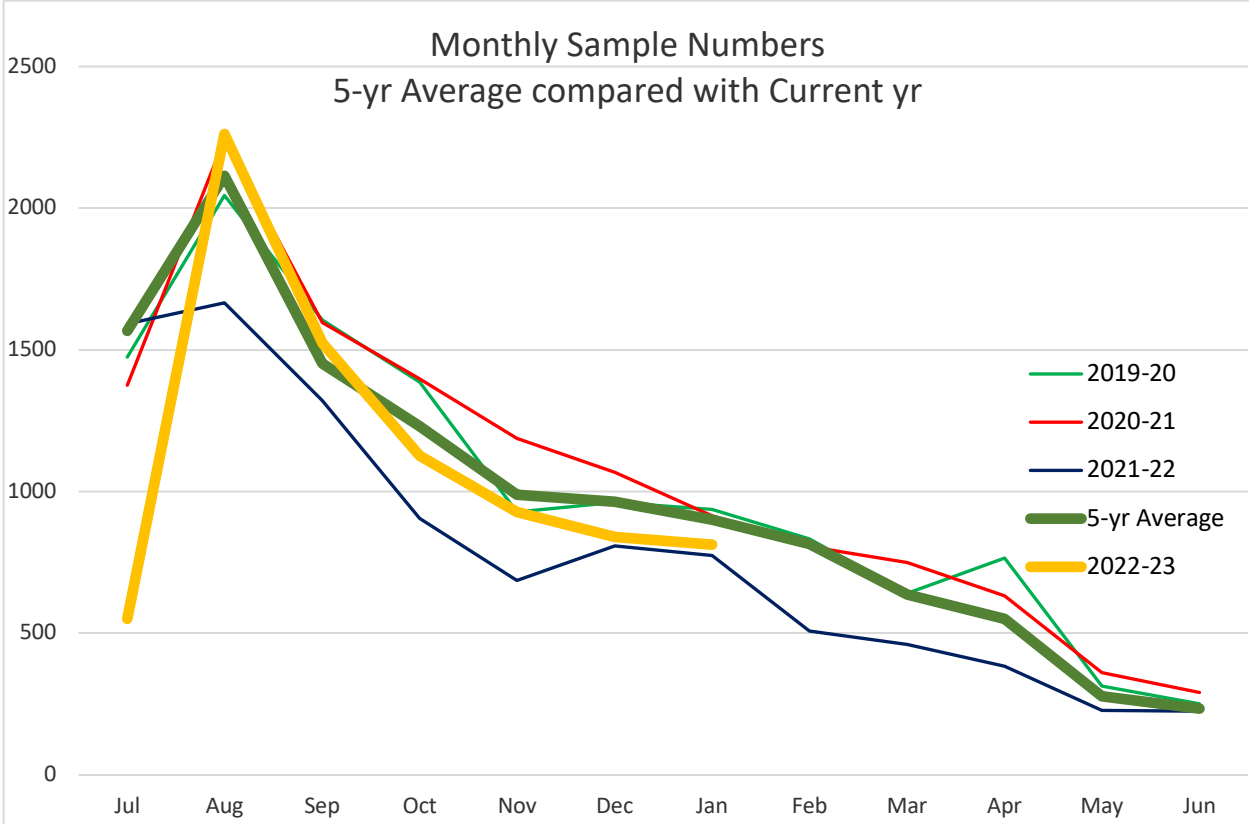
Oregon State University, 31 Crop Science Bldg., Corvallis, Oregon 97331

T 541-737-4513 | F 541-737-2624 | andrew.altishin@oregonstate.edu

- 3 Administrative staff
- 2 Information Technology Staff
- 6 Seed Certification Specialists
- 6 Part-time/seasonal Seed Certification Specialists
- 8 Seed Certification Samplers
- 1 Manager and Seed Certification Specialist
- Various part-time student employees

OSU Seed Laboratory Seed Certification Board Update

- Short on experienced staff
 - Hired two new Entry Level Analysts.
- Turnover
 - Cindy Middlebrooks, Carrie Lewis and Brenda Peters have left the Lab for other pursuits.
 - Office Manager PD being revised to include business, HR, other administrative duties. No technical responsibilities.
 - Reporting Coordinator (compliance, Rules and legal interpretations). Filled.
 - Receiving Coordinator (compliance, Rules and legal interpretations). Filled.
 - Dave Stimpson (Seed Lab Manager) is supervising the Purity Lab at this time.
- Ploidy-Verification continuing through the spring.
- Internship was successfully completed and was promoted and offered to other companies at the OSA Winter meeting last month.
- Workshops in the near future
 - Seed Quality Management Workshop Mar. 13-14
 - Cool Season Grasses Workshop Apr. 24-28
- Sample numbers (see below)
- Budget is currently on target to be balanced this year.



Bylaws Article IV. Term of Membership

2/23/2023

Current Bylaws:

Article IV. Term of Membership

The members shall be appointed to serve a three-year term with eligibility for reappointment.

The standard practice is for the advisory committee representatives to be appointed annually at each advisory committee meeting. The members from Oregon State University and Affiliate Agencies are only reappointed on an as-needed basis, not every three years.

Should the bylaws be changed to match current practice?

**OREGON STATE UNIVERSITY
SEED CERTIFICATION, FOUNDATION SEED & PLANT MATERIALS BOARD**

BYLAWS

Article I. Name and Location

Oregon State University Seed Certification, Foundation Seed & Plant Materials Board. The principal place of business will be the office of the Dean of the College of Agricultural Sciences, Oregon State University.

Article II. Objective

The objectives of the Oregon State University Seed Certification, Foundation Seed & Plant Materials Board are set forth as follows:

1. Set policy which will provide a service to the public for the maintenance and increase of quality seed and propagating material of varieties grown and distributed in such a manner as to ensure varietal purity through the appropriate application of standards.
2. Review and act upon recommendations from the following Oregon State University Seed Certification, Foundation Seed & Plant Materials Board Advisory Committees:
 - Cereal Advisory Committee
 - Grass & Legume Advisory Committee
 - Mint Advisory Committee
 - Potato Advisory Committee
 - Seed Conditioner Advisory Committee
 - Hemp Advisory Committee
3. Evaluate and modify the Oregon general and crop standards as needed within the parameters of the Association of Official Seed Certifying Agencies and the Federal Seed Act.

Article III. Membership

The membership of the Board shall consist of members appointed by the Dean as follows (* indicates a voting member position):

1. Industry—at least one-half shall be producers

Advisory committee representatives: yearly appointment determined at each advisory committee meeting preceding the Board Meeting

Cereal Advisory Committee representative*

Grass & Legume Advisory Committee representative*

Mint Advisory Committee representative*

Potato Advisory Committee representative*

Seed Conditioner Advisory Committee representative*

Hemp Advisory Committee representative*

Additionally, one (1) seed trade representative* (alternate between commodity groups): three-year term with eligibility for reappointment

2. Oregon State University: reappointed as needed

Cereal specialist*
Grass and legume specialist*
Potato specialist*
Mint specialist*
Plant breeder*
Plant pathologist*
Extension specialist*
Research geneticist*
Director of Extension*
Dean and Director of Experiment Stations*
Head of Horticulture Department – ex officio
Head of Crop and Soil Science Department – ex officio
Director of Seed Services – ex officio
Seed Certification Manager – ex-officio
Seed Laboratory Manager – ex officio
Assistant to the Chairman – ex officio

3. Affiliate Agencies: reappointed as needed

State Department of Agriculture representative* – ex officio
U.S. Department of Agriculture representative*

Article IV. Officers

1. The Dean shall act as Chairman except during periods when s/he designates an OSU staff member to serve in that capacity.
2. The Dean shall appoint an Assistant to the Chairman who will serve as program administrator.
3. The Dean shall select a Meeting Coordinator and Secretary.

Article V. Meetings

1. The Board shall meet at least once per year. Special meetings shall be called as necessary.
2. Notices of meetings shall be delivered at least 10 days before all meetings and the reasons for special meetings shall be stated.
3. One-half of the voting members shall constitute a quorum for the transaction of business at any official meeting.
4. A member may notify the Secretary when a proxy is appointed in their place.
5. Minutes for every meeting will be taken and distributed.

Article VI. Amendments

These bylaws may be amended at any official Seed Certification, Foundation Seed & Plant Materials Board meeting by a two-thirds affirmative vote of voting members, subject to the Dean's approval.

02/23/2023

02/16/2021

02/19/2020

02/10/2015

03/28/1984