

Minutes of the 2025 Meeting of the Seed Conditioners Advisory Committee 10:00 AM Wednesday, December 10, 2025

1. Call to order (Cody Gyllenberg, Chair)
 - Cody called the meeting to order at 10:00 AM.
2. Introduction of members and guests (Cody)

Members present: Cody Gyllenberg (Chair), Drew Bell, KC Coon, Zach Allen, Josh Brawley, Bill Merrigan, Brenda Allison, Kevin Loe, Manoj Shukla, Dan Curry, Andrew Altishin, David Stimpson, Jodi Keeling (Secretary)

Members absent: Dustin Herb, Victor Ribeiro, Chris Day, Warren Dole, Darrin Wallenta, Darren Padget, Elizabeth Savory

Guests present: Mel Laam, Misbah Yasin, Tami Brown, Terry Burr, Craig Agidius, Alex Albion, Jesse Benbow, Teresa Nicholson, Lorinda Hughes

3. Review of membership and voting (Andrew Altishin)
4. Approval of December 11, 2024 meeting minutes (Cody)
 - 2024 Minutes were distributed and are available at seedcert.oregonstate.edu
 - a. Correction made: Cody called the 2024 meeting to order, not Warren. Hard copy distributed in meeting was the corrected version.
 - A motion to approve the 2024 minutes was made, seconded, and passed unanimously
5. Review of automatic sampler testing (Jodi Keeling)
 - Jodi presented an overview and the results of the updated autosampler testing program. Report attached.
 - The highest percentage of out-of-tolerance results by crop: bluegrass
 - All lots that were out of tolerance were due to inert differences.
 - OSCS will continue these checks with the support of the Seed Conditioners Advisory Committee.
6. Update on allocations program (Jodi)
 - A new online program to record the container sizes for seed lots was implemented in May 2025.
 - This program was implemented in part to better account for the multiple bag sizes used within a seed lot. Sample changes to accommodate this was time consuming and error prone.
 - It was also needed in order to print container sizes on Oregon certified tags.
7. Reports
 - Crop and Soil Science report (Manoj Shukla, Dan Curry)
 - No written report
 - Currently interviewing for the Seed Crop Specialist position (previously held by Nichole Anderson)
 - Offer accepted for an Extension Soil Water Quality position
 - Starting recruitment for Soil Physics and Soil Pathology professors

- Faculty retreat December 11-12, 2025
 - David Hannaway retiring at the end of this year
 - Director of Seed Services report (Dan Curry)
 - See attached report
 - Certification updates and report (Andrew Altishin)
 - See attached report
 - Seed Laboratory updates and report (Dave Stimpson)
 - See attached report
 - Oregon Department of Agriculture report (Teresa Nicholson)
 - See attached report
8. Election of the chair and vice-chair
- KC Coon was nominated and voted in as the 2026 Vice-chair.
 - Zach Allen will serve as the 2026 Chair.
9. Committee representative for Certification Board meeting
- The committee supported Warren Dole's offer to be the representative to the board.
10. Time and place of the next meeting
- The date for the next annual meeting was agreed to be the Wednesday following the Seed League Meeting in December 2026, at the Linn County Extension office in Tangent.

Adjournment

- Cody adjourned the meeting at 11:40 AM.

**Agenda for the Thirty-sixth Meeting of the Seed Conditioners Advisory Committee
10:00 AM Wednesday, December 10, 2025**

If there are Zoom participants, the meeting will be recorded for recordkeeping purposes.

1. Call to order (Cody Gyllenberg, Chair)
2. Approval of agenda (Cody)
3. Introduction of members and guests (Cody)
4. Review of membership (Andrew Altishin)
5. Approval of December 11, 2024 meeting minutes (Cody)
 - a. Correction made: Cody called the 2024 meeting to order, not Warren. Copy in folder is corrected.
6. Review of automatic sampler testing (Jodi Keeling)
7. Update on allocations program (Jodi)
8. Reports
 - Director of Seed Services report (Dan Curry)
 - Certification updates and report (Andrew Altishin)
 - Seed Laboratory updates and report (Dave Stimpson)
 - Oregon Department of Agriculture report (Elizabeth Savory)
9. Election of the 2027 Vice-chair (Cody)
10. Committee representative for Certification Board meeting on February 18, 2026 at 9AM (Cody)
11. Other business (Cody)
12. Time and place of the next meeting (Cody)

Adjournment

Lunch will be provided



2025 Seed Conditioners Advisory Committee

Oregon Certification, Foundation Seed, and Plant Materials Board

Name	Affiliation	Address	Term*
Vacant	Conditioner – N. Willamette (Seed League)	Vacant	Vacant
Chris Day	Conditioner – S. Willamette (Seed League)	Roy A. Bowers and Sons 31950 Bowers Dr. Harrisburg, OR 97446 day.chris12@gmail.com	2027
Warren Dole	Conditioner – E. of Cascades (Seed League)	Riverview Seed Co. 36124 East Walls Rd Hermiston, OR 97838 wwdole@eotnet.net	2027 (pending confirmation from OSL)
Drew Bell	Grower – N. Willamette (Seed League)	Coleman Family Farms PO Box 81 St Paul, OR 97137 drew@colemanseed.com	2027
KC Coon	Grower – S. Willamette (Seed League)	Oak Park Farms 31310 Peoria Rd N Shedd, OR 97377 kccoona@gmail.com	2027
Cody Gyllenberg <i>Chair</i>	Grower – E. of Cascades (Seed League)	Columbia River Seed PO Box 66 Plymouth, WA 99346 cody@columbiariverseed.com	2026
Zach Allen <i>Vice-Chair</i>	Dealer, N. Willamette (OSA)	Burlingham Seeds PO Box 46 Rickreall, OR 97371 zach@burlseed.com	2027
Josh Brawley	Dealer, Central Willamette (OSA)	Barenbrug USA PO Box 239 Tangent, OR 97389 jbrawley@barusa.com	2027
Bill Merrigan	Dealer, E. of Cascades (OSA)	Blue Mt Seeds PO Box 185 Imbler, OR 97841 bill@bluemtseeds.com	2027
Dustin Herb	Researcher (USDA-OSU)	USDA-ARS 3450 Campus Way Corvallis, OR 97331 dustin.herb@usda.gov	Appointment Voting
Victor Ribeiro	OSU Extension Representative, W. (OSU)	OSU, Crop and Soil Science 109 Crop Science Building Corvallis, OR 973312 victor.ribeiro@oregonstate.edu	Appointment (interim) Voting



2025 Seed Conditioners Advisory Committee

Oregon Certification, Foundation Seed, and Plant Materials Board

Name	Affiliation	Address	Term*
Darrin Wallenta	OSU Extension Representative, E. (OSU)	Union County Extension 10507 N. McAlister Rd La Grande, OR 97850 darrin.walenta@oregonstate.edu	Appointment Voting
Brenda Allison	Seed Sampler (OSU)	Yamhill County Extension 2050 Lafayette Ave McMinnville, OR 97128 allisbre@oregonstate.edu	Appointment Nonvoting
Kevin Loe	Chair, Grass & Legume Advisory Committee	Triangle Farms 5648 Evans Valley Rd Silverton, OR 97381 tfiseeds@verizon.net	Ex Officio Nonvoting
Darren Padget	Chair, Cereal Advisory Committee	Padget Ranches 60945 Lone Rock Rd Grass Valley, OR 97029 ddpadget@gmail.com	Ex Officio Nonvoting
Manoj Shukla	Department Head, Crop and Soil Science	OSU, Crop and Soil Science 109 Crop Science Building Corvallis, OR 97331 manoj.shukla@oregonstate.edu	Ex Officio Nonvoting
Dan Curry	Director, Oregon Seed Services	OSU, Crop and Soil Science 109 Crop Science Building Corvallis, OR 97331 daniel.curry@oregonstate.edu	Ex Officio Nonvoting
Andrew Altishin	Manager, Oregon Seed Certification Service	Oregon Seed Certification Service 031 Crop Science Building Corvallis, OR 97331 andrew.altishin@oregonstate.edu	Ex Officio Nonvoting
Dave Stimpson	Manager, OSU Seed Laboratory	Oregon State University Seed Laboratory 3291 SW Campus Way Corvallis, OR 97331 david.stimpson@oregonstate.edu	Ex Officio Nonvoting
Elizabeth Savory	Manager, Seed Regulatory Program	Oregon Department of Agriculture 635 Capitol St NE, Rm 206 Salem, OR 97310 elizabeth.savory@oda.oregon.gov	Ex Officio Nonvoting
Jodi Keeling Committee Secretary	Process Manager, Oregon Seed Certification Service	Oregon Seed Certification Service 031 Crop Science Building Corvallis, OR 97331 jodi.keeling@oregonstate.edu	Appointment Nonvoting

* Term expires at the end of the annual Certification Board Meeting in February of the following year.

Minutes of the 2024 Meeting of the Seed Conditioners Advisory Committee

10:00 AM Wednesday, December 11, 2024

1. Call to order (Cody Gyllenberg, Chair)
 - Warren Cody called the meeting to order at 10:00 AM.
2. Introduction of members and guests (Cody)

Members present: Cody Gyllenberg (Vice-chair serving as Chair), Dustin Herb, Drew Bell, Warren Dole, Bill Merrigan, KC Koon, Josh Brawley, Victor Ribeiro, Terri Burr, Chris Mattson, Chris Day, Darrin Walenta, Manoj Skukla (Zoom), Dan Curry, Andrew Altishin, Dave Stimpson, Elizabeth Savory, Jennifer Vahl, Jodi Keeling (Secretary)

Members absent: Zach Allen, Bob Zielinski

Guests present: Mel Laam, Jake Stockfleth, Craig Agidius, Teresa Nicholson, Jesse Benbow, Tami Brown, John Zielinski, Alex Albion, Terry Burr, Lorinda Hughes
3. Review of membership and voting (Andrew Altishin)
4. Approval of December 6, 2023 meeting minutes (Cody)
 - 2023 Minutes were distributed and are available at seedcert.oregonstate.edu
 - A motion to approve the 2023 minutes was made, seconded, and passed unanimously
5. Review of automatic sampler testing (Jodi Keeling)
 - Jodi presented an overview and the results of the updated autosampler testing program. Report attached.
 - The highest percentage of out-of-tolerance results by crop: perennial ryegrass
 - 2024 had the lowest number of out-of-tolerance lots (13%) since we began checking in 2013.
 - All lots that were out of tolerance were due to inert differences.
 - OSCS will continue these checks.
6. Tag delivery (Jodi)
 - Jodi gave an update of the new iDeliver app that OSCS developed to record tag deliveries with signature or photo.
7. OECD pre-control sampling/VTN (Jodi)
 - Jodi gave an update about the new method for requesting OECD pre-control sampling online. Tags/labels will be marked by the sampler and then the seed company can create VTNs for the growers to use in lieu of tags when signing up fields.
8. Filing movements (Jodi)
 - Per a request from a warehouse, the responsibility for filing a movement of untagged seed was discussed. Currently the Sampler & Tagger Guide and warehouse agreement state that the responsibility lies with the warehouse. One of the warehouses had repeated cases of untagged

seed being moved out of their warehouse with no movement filed. They explained that often times seed companies show up to move seed without their knowledge, and they felt the responsibility should be the seed company's.

- The group discussed and recommended that whoever initiates the movement should be responsible for filing the movement online. For example, sometimes the warehouse decides to move seed for storage and in those cases, it should be their responsibility. In other cases, the seed company picks up the seed and they should be responsible for filing the movement. OSCS will adjust the wording in the Sampler & Tagger Guide and the warehouse agreement to reflect this.

9. Question for Seed Lab regarding downy brome (Dave Stimpson)

- A question was posed to the lab about why downy brome is listed as a noxious weed when it is only "regulated" in Wyoming past a certain number per pound. Dave explained that they follow guidance by USDA.
- A suggestion was made to exclude "regulated" weeds in the same way that UGS and Hawaii noxious weeds are excluded. Dave said he would look into it.

10. Reports

- Director of Seed Services report (Dan Curry)
 - See attached report
- Certification updates and report (Andrew Altishin)
 - See attached report
- Seed Laboratory updates and report (Dave Stimpson)
 - See attached report
- Oregon Department of Agriculture report (Elizabeth Savory)
 - See attached report

11. Election of the chair and vice-chair

- Zach Allen was nominated and voted in as the 2025 Vice-chair.
- Cody Gyllenberg will serve as the 2025 Chair.

12. Committee representative for Certification Board meeting

- The committee supported Warren Dole's offer to be the representative to the board.

13. Other business

- Jake Stockfleth explained some issues he had with a couple of seed tests that he suspected were inaccurate and discussed with Dave the importance of transparency if mistakes are made.

14. Time and place of the next meeting

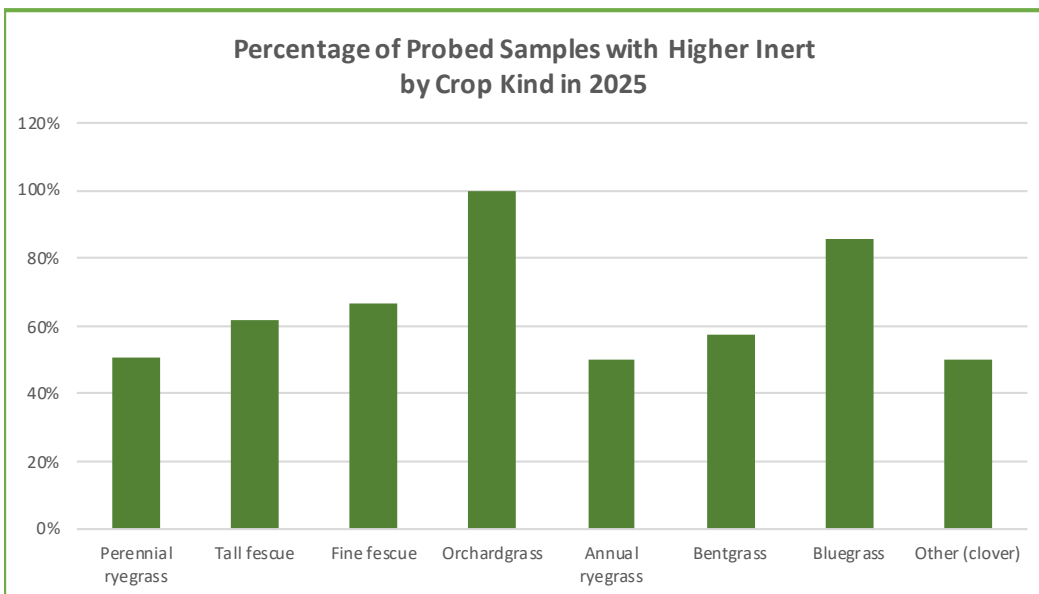
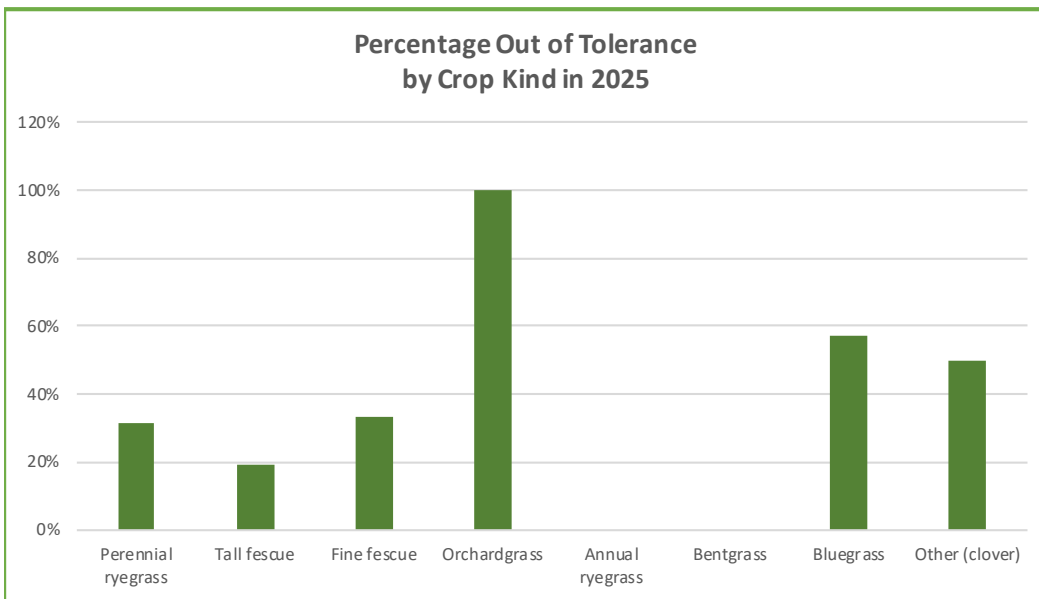
- The date for the next annual meeting was agreed to be the Wednesday following the Seed League Meeting in December 2025, at the Linn County Extension office in Tangent.

Adjournment

- Cody adjourned the meeting at 11:45 AM.

Crop Kind	Number Checked	Number Probed w/ Higher Inert	Number Out of Tolerance	% Probed w/ Higher Inert	% Out of Tolerance
Perennial ryegrass	51	26	16	51%	31%
Tall fescue	108	67	21	62%	19%
Fine fescue	6	4	2	67%	33%
Orchardgrass	1	1	1	100%	100%
Annual ryegrass	8	4	0	50%	0%
Bentgrass	7	4	0	57%	0%
Bluegrass	7	6	4	86%	57%
Other (clover)	4	2	2	50%	50%

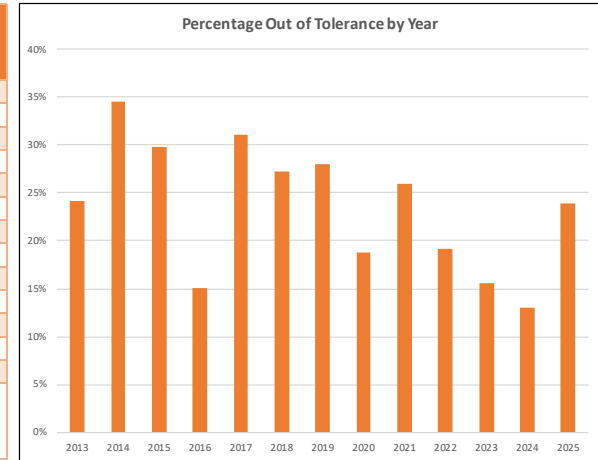
Out of tolerance lots were all due to inert except: 3 combo of other crop % & inert; 1 huge difference in other crop



Automatic Sampler Checks (all years)

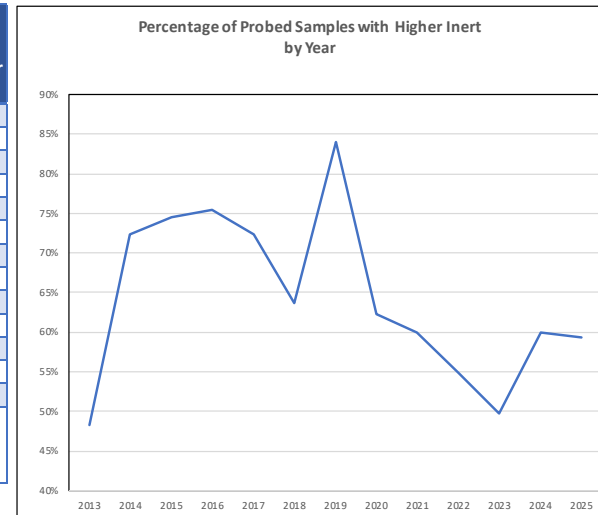
Out of Tolerance

Year	PRG	TF	FF	OG	ARG	BENT	BLUE	OTHER	Total Out of Tolerance	Total Checked	% Out of Tolerance
2013	3	1		1	2				7	29	24%
2014	6	3				1			10	29	34%
2015	4	9			1				14	47	30%
2016	6	2							8	53	15%
2017	4	2			1		2		9	29	31%
2018	2	3	1						6	22	27%
2019	3	4							7	25	28%
2020	5	11							16	85	19%
2021	1	7		1			4		13	50	26%
2022	0	7	3	2	0	0	2	0	14	73	19%
2023	12	11	2	4	0	0	0	1	30	193	16%
2024	9	9	1	0	0	0	0	0	19	150	13%
2025	16	21	2	1	0	0	4	2	46	192	24%
Total # Checked in 2025	51 Checked	108 Checked	6 Checked	1 Checked	8 Checked	7 Checked	7 Checked	4 Checked			



Probed with Higher Inert

Year	PRG	TF	FF	OG	ARG	BENT	BLUE	OTHER	Total Probed with Higher Inert	Total Checked	% Probed with Higher Inert
2013	5	3	1	1	2	1	1		14	29	48%
2014	9	8	3		1				21	29	72%
2015	14	15	1		3		1	1	35	47	74%
2016	9	17		1	10		1	2	40	53	75%
2017	6	12			1		2		21	29	72%
2018	5	6	2		1				14	22	64%
2019	3	15			2		1		21	25	84%
2020	12	35	2	2	1		1		53	85	62%
2021	5	16		8			1		30	50	60%
2022	5	22	4	5	0		2	2	40	73	55%
2023	22	53	2	10	4	1	3	1	96	193	50%
2024	25	50	7	2	2	1	0	3	90	150	60%
2025	26	67	4	1	4	4	6	2	114	192	59%
Total # Checked in 2025	51 Checked	108 Checked	6 Checked	1 Checked	8 Checked	7 Checked	7 Checked	4 Checked			



2020 Onward Includes Certified Resamples

Seed Services Update

December 10, 2025

- K31 TF Increase
 - A limited amount of Registered Kentucky 31 tall fescue seed was produced this fall by one grower. At least three other growers have planted Foundation K31, and the hope is there will be a lot of Registered K31 available by next fall.
- Gulf Annual ryegrass increase
 - One grower has purchased 100 lbs. of the Foundation Gulf seed with the plans to produce Registered Gulf by next fall.

- APD Test Update
 - Shaun Bushman, the USDA researcher from Utah is working on the annual/perennial discrimination test using a digital PCR test.
 - Shuan said that it can separate perennial ryegrass from Westerworld and Italian ryegrasses, it can pick up annual contaminants in perennial seed lots as low as 1-2%.
 - Summary is that some work still needs to be done to see how this test works with most perennial ryegrass varieties.

- Computer Seed ID
 - A Crop Science research group is training a neural network to identify different seed species. The work is supported by the Grass Commissions, an ODA Block grant and the College of Agricultural Science.
 - Future work will include training the NN for Kentucky bluegrass, ergot and inert material.



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

2025 Year in Review

Total Acres Certified of all Crops – 179,710 (-8.6%)

Total Acres of Grass Crops Certified – 141,603 (-7.9%)

Tall Fescue – 74,665 (-13.1%)

Perennial ryegrass – 26,053 (-1%)

K. Bluegrass – 8,541 (26.4%)

Annual ryegrass – 10,177 (1.5%)

Chewings fescue – 5,171 (-7.5%)

Total Acres of Small Grains Certified – 21,165 (-16.4%)

Wheat – 19,790 (-15.2%)

Barley – 480 (-48.4%)

Oat – 243 (-58.7%)

Triticale – 430 (151.5%)

Club wheat – 158 (-21%)

Red oat – 64 (-32.6%)

Total Acres of Legumes Certified – 7,008 (34.2%)

Red clover – 4,141 (18.3%)

Crimson clover – 1,018 (234.9%)

Field bean – 770 (100%)

Total Acres of Misc. Other Crops Certified – 9,934 (-19.3%)

Radish – 1,019 (-29.1%)

Hybrid Canola – 2,799 (-0.1%)

Total Acres of Potatoes Certified – 2,748 (-18.3%)

Total Acres of PVG Certified – 124 (-26.6%)

Total Acres of Corn – 2,142 (-34.6%)

Active Warehouses in 2025 - 189

Active Growers in 2025 – 554

Samples submitted in 2025 – 7,486

Updates

- John Zielinski retired
- Tami Brown has taken over John's Willamette Valley areas
- Jesse Benbow has expanded his Willamette Valley areas to take over some of Tami's old area



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OSCS Staffing

- 3 Administrative staff
- 2 Information Technology Staff
- 5 Seed Certification Specialists
- 3 Part-time/seasonal Seed Certification Specialists
- 6 Seed Certification Samplers
- 3 Seasonal corn inspectors
- 1 Manager and Seed Certification Specialist
- Various part-time student employees (office and potato greenhouse)

Seed Lab

December 10, 2025

Oregon State Seed Lab

- Sample numbers behind last year by 277 samples.
- We have drop boxes in a few places?
 - DLF Red Bridge location
 - Linn County Extension Office
 - Burlingham Seeds
 - Berger Seeds out of CarltonThese have generated enough samples to be cost-effective.
- Staffing has been finalized for the coming year.
 - Pre-picking will be done by students.
 - New Mixing Room Coordinator
 - Cross-training on grading, weighing, mixing, etc., accomplished.

These arrangements have been working well.

Other items:

- Fluorescence referee in support of Rule change proposal. The objective is to clarify the Rules regarding this method. Testing filter paper vs. blotters and tap water vs. distilled water vs. KNO₃.
- PCR test to determine annuality. Recent meetings with the developer have been very positive. New digital equipment is much more accurate, however, start-up costs will be near \$100K with annual maintenance fees.
- RAD test. There is continued discussion across the entire network regarding validation of the test.
 - Annuallity is part of the variety description.
 - VFL
 - Grow outs

Any test of annuality must refer back to the variety description in order to be valid.

Seed Conditioners Advisory Committee

Update December 10, 2025



**OREGON
DEPARTMENT OF
AGRICULTURE**

Seed Regulatory Program Updates

Slow Pay/No Pay Update

- Eleven (11) Notices of Payment demand were issued to one seed company who had paid growers less than they were owed for 2024 crop tall fescue. Contested case hearings were scheduled for early December. In November, the company paid growers the outstanding amounts and withdrew their requests for contested case hearings.

Process for Submitting a Slow Pay/No Pay Complaint

- **Prior to filing a complaint with the department:**
 - A producer or grower must send notice to the dealer of the amount owed as required by OAR 603-047-200(1).
 - Contact the department to discuss the details of the complaint. The department will make an initial determination about the merits of the complaint and determine if a formal complaint should be submitted.
- **Filing a complaint:**
 - Fill out the Slow Pay/No Pay complaint form completely.
 - Provide any additional relevant documentation – this may include contracts, purchase orders, bills of lading, test reports, invoices, payments received, etc.
 - A payment of \$50 is due at the time the complaint form is submitted, as required by OAR 603-047-0200, ORS 576.738(5).
- **Process Timeline**
 - Grower submits complaint form, relevant documents, and \$50 fee.
 - Records are reviewed by the department.
 - Records request sent to Dealer – Dealer has 14 days to comply with request.
 - Records are reviewed by the department.
 - Follow up requests may occur – to grower and/or dealer as needed.
 - Department makes determination.
 - Letter is sent to grower about determination.

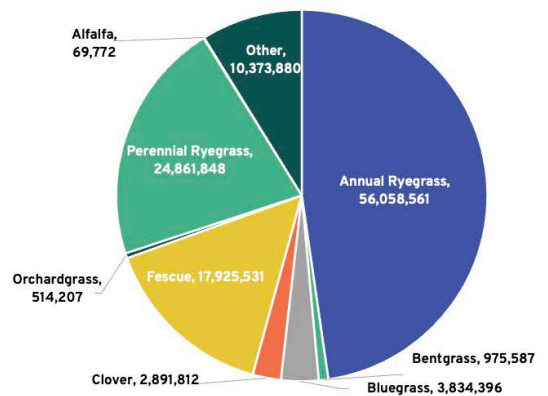
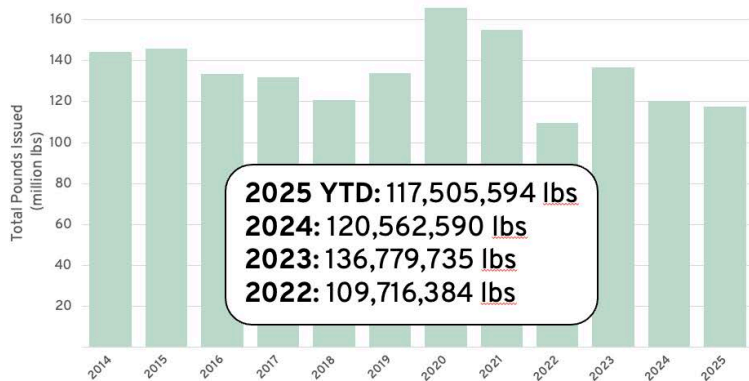
- If determined that payment is due, grower pays a fee of \$150 as required by OAR 603-047-0200, ORS 576.738(5) prior to issuance of notice.
- Payment notice issued to Dealer, requiring payment within 30 days of notice.
 - Dealer has 30 days to pay amount due plus 1% per month simple interest from the original payment due date (OAR 603-047-0200(4)).
 - Dealer has 60 days to contest (OAR 603-047-0400(1)(e)).
 - If Dealer does not pay, ODA shall suspend their license (ORS 576.738(3)).
 - If Dealer contests, case is referred the Office of Administrative Hearings for determination.
- Contested cases are referring to an Administrative Law Judge (ALJ) for a hearing where the ALJ will make a determination based on the facts of the case.

Seed Regulatory Program Update

Export Statistics

- Please see attached Seed Export statistics and Hay/Straw Export Statistics

Seed Export Statistics



Total Pounds of Seed Exported - Based on Phytosanitary Certificates Issued by the Oregon Department of Agriculture

January to September comparisons for previous years:

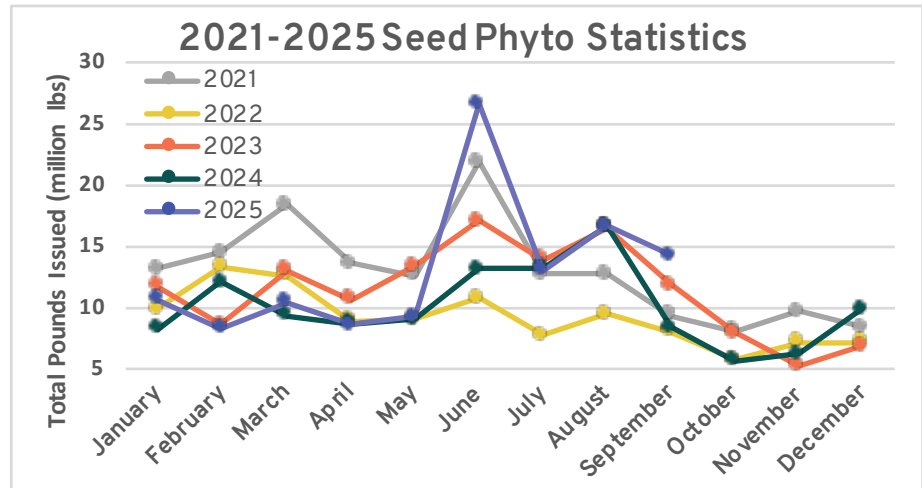
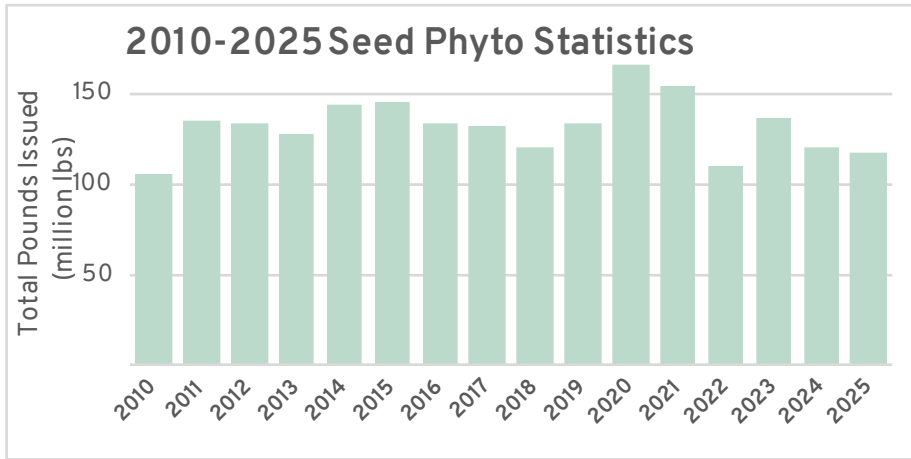
- 2021: 128,822,114 lbs
- 2022: 89,644,684 lbs
- 2023: 116,797,858 lbs
- 2024: 98,835,694 lbs



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

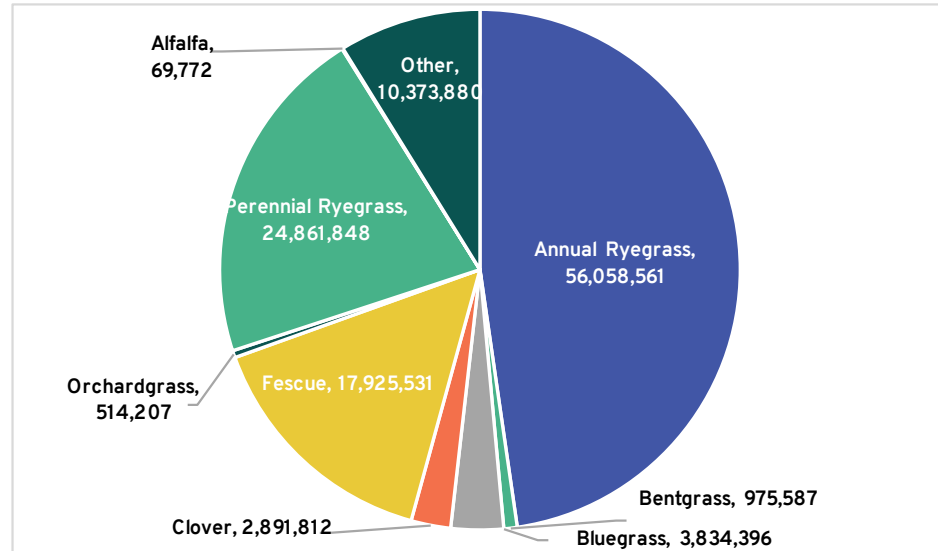
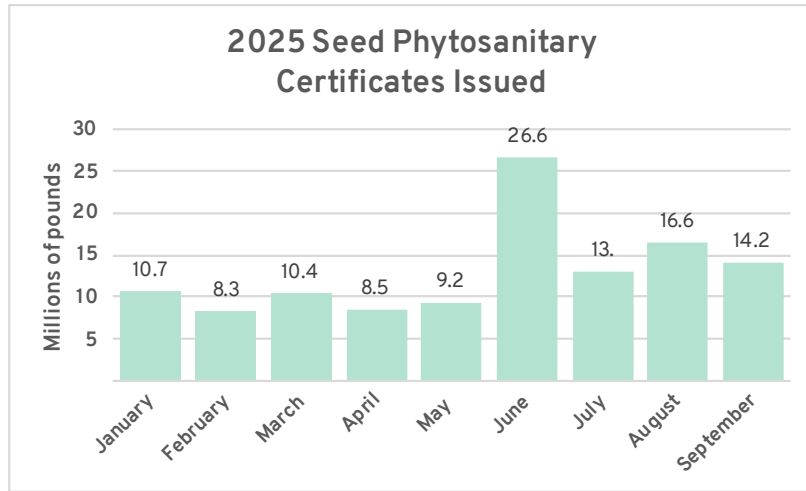
	January	February	March	April	May	June	July	August	September	October	November	December	TOTALS
2009	6,943,769	9,146,212	4,650,232	3,948,935	3,805,521	7,108,558	5,562,247	6,350,347	3,081,679	4,069,966	6,865,900	9,034,488	70,567,854
2010	9,892,983	12,073,939	7,059,612	8,507,988	9,767,843	8,093,539	7,392,918	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
2023	11,717,345	8,623,231	13,083,692	10,656,423	13,389,439	17,114,837	13,867,278	16,528,761	11,816,852	7,883,730	5,228,661	6,869,486	136,779,735
2024	8,265,700	12,078,297	9,314,458	8,723,092	9,054,131	13,111,701	13,277,139	16,665,860	8,345,316	5,614,035	6,230,953	9,881,908	120,562,590
2025	10,670,620	8,262,451	10,391,772	8,539,707	9,233,946	26,623,065	12,985,422	16,603,674	14,194,937				117,505,594

Grey highlights represent bienniums



Seed Phytosanitary Certificates Issued 2025 (pounds) - By Seed Kind

Month	Annual Ryegrass	Bentgrass	Bluegrass	Clover	Fescue	Orchardgrass	Perennial Ryegrass	Alfalfa	Timothy	Other	Total Pounds
January	3,139,295	320,721	1,029,999	1,113,743	1,927,137	2,006	1,469,397			1,668,322	10,670,620
February	2,561,002	82,282	1,032,227	443,726	2,031,379	53,699	1,209,172	1,203		847,761	8,262,451
March	3,304,230	157,301	384,725	222,345	2,538,915	80,471	1,576,522	35,274		2,091,989	10,391,772
April	3,541,379	165,988	252,980	478,584	1,498,893	47,652	1,859,392	551		694,288	8,539,707
May	4,658,741	39,312	208,838	24,110	1,191,046	101,071	2,764,290	16,900		229,638	9,233,946
June	15,145,066	142,851	237,147	67,354	2,994,913	111,858	6,631,850			1,292,026	26,623,065
July	7,246,689	14,135	112,503	11,000	1,191,756	62,494	3,756,255			590,590	12,985,422
August	8,892,593	8,204	295,210	84,276	2,041,924	3,003	3,455,063			1,823,401	16,603,674
September	7,569,566	44,793	280,767	446,674	2,509,568	51,953	2,139,907	15,844		1,135,865	14,194,937
October											
November											
December											
Totals	56,058,561	975,587	3,834,396	2,891,812	17,925,531	514,207	24,861,848	69,772		10,373,880	117,505,594



Seed Phytosanitary Certificates Summary Data - By Destination (pounds)

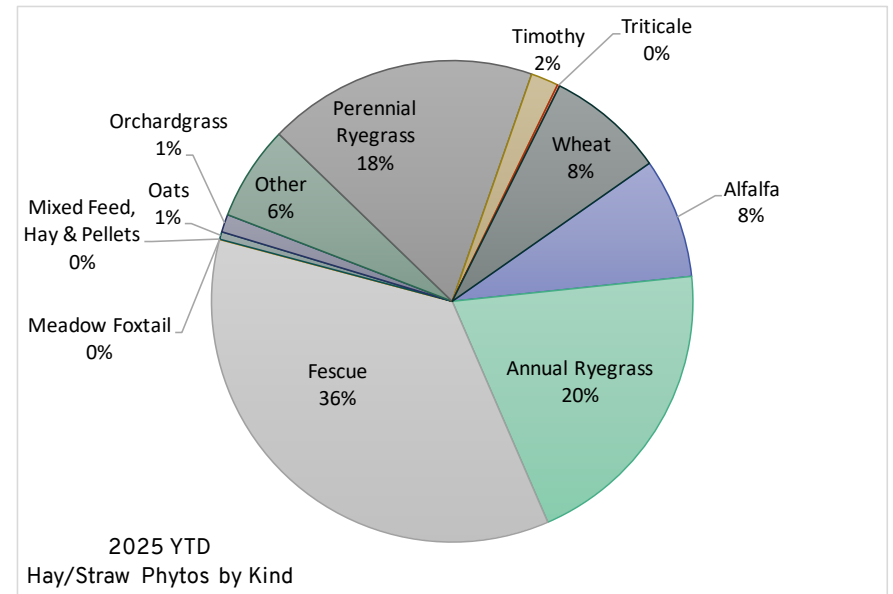
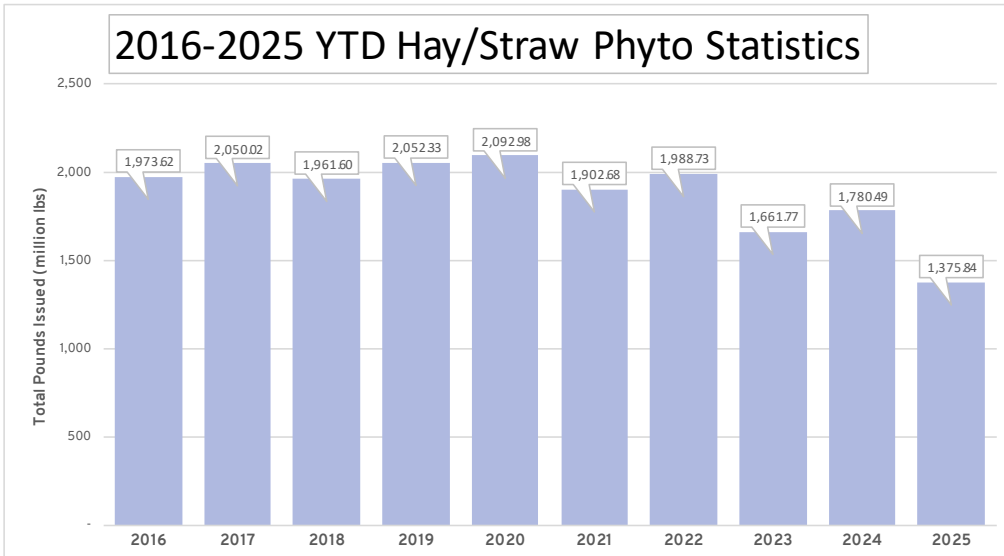
Country	2020	2021	2022	2023	2024	2025
Argentina	1,526,066	1,029,894	2,196,487	2,729,644	2,256,730	891,102
Australia	12,078,448	7,408,812	7,026,039	4,407,270	4,353,911	2,628,844
Canada	1,517,976	1,646,065	1,473,843	1,797,173	1,226,948	1,290,323
Central & South America	5,300,787	4,493,738	3,208,090	4,027,857	3,225,634	3,976,154
Chile	3,461,738	5,497,900	2,526,737	2,363,981	1,973,466	1,733,738
China	65,974,655	64,984,816	33,701,586	59,047,962	46,238,879	41,977,245
Colombia	2,401,193	2,971,770	2,358,324	2,049,098	2,323,338	1,466,619
Europe	38,113,256	29,315,312	19,771,807	25,352,631	24,290,144	28,745,656
Japan	3,557,995	3,761,680	4,455,937	4,395,761	5,019,475	4,255,963
Korea, Republic of	19,115,833	20,445,050	19,584,645	17,569,147	17,603,849	18,468,890
Mexico	3,288,367	3,073,263	2,674,042	1,896,891	3,036,339	3,369,749
New Zealand	523,117	792,510	1,275,147	509,328	239,249	359,669
Other	6,710,669	6,165,859	6,196,976	6,177,341	8,143,676	5,541,175
Other Asia	2,397,980	3,263,445	3,219,441	4,450,844	476,817	2,131,804
South Africa						663,262
United States	23,024	29,762	47,283	4,807	154,135	5,401
Totals	165,991,104	154,879,876	109,716,384	136,779,735	120,562,590	117,505,594

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

2025 Data through September 2025

Hay/Straw Phytosanitary Certificates Summary Data - By Kind and Year (Millions of Pounds)

	Annual		Meadow	Mixed Feed,	Perennial								TOTALS
	Alfalfa	Ryegrass	Fescue	Foxtail	Hay & Pellets	Oats	Orchardgrass	Other	Ryegrass	Timothy	Triticale	Wheat	
2015	149.01	243.69	525.73	-	-	0.30	40.49	196.59	368.78	33.57	-	80.17	1,638.33
2016	220.43	245.81	538.87	0.20	-	-	35.14	291.38	472.88	39.51	-	129.40	1,973.62
2017	228.16	311.11	709.79	-	-	-	62.20	161.77	391.48	34.60	-	150.90	2,050.02
2018	259.50	228.42	515.41	0.26	364.63	4.81	39.87	15.89	320.07	28.62	0.90	183.21	1,961.60
2019	149.01	313.86	545.85	0.81	450.98	11.38	40.12	15.81	324.17	30.48	2.18	167.69	2,052.33
2020	267.18	277.75	456.57	1.72	572.90	12.26	34.73	15.62	288.83	38.55	0.26	126.62	2,092.98
2021	242.52	265.75	481.54	1.54	450.82	16.32	31.14	21.08	259.66	34.64	4.03	93.65	1,902.68
2022	157.94	340.96	635.85	1.39	365.11	9.22	33.90	8.87	266.42	26.71	1.90	140.47	1,988.73
2023	118.91	281.28	620.76	2.68	244.02	9.38	24.49	5.90	229.25	20.82	2.66	101.62	1,661.77
2024	135.96	352.40	676.87	0.56	155.31	10.33	25.70	6.78	280.24	19.27	2.67	114.40	1,780.49
2025	111.02	277.28	490.25	0.26	-	7.05	16.46	87.54	249.53	25.45	2.18	108.83	1,375.84



Data through September 2025

Hay/Straw Phytosanitary Certificates Summary Data - By Country and Kind (Millions of Pounds)													
2025													TOTALS
	Alfalfa	Annual Ryegrass	Fescue	Meadow Foxtail	Mixed Feed, Hay & Pellets	Oats	Orchard grass	Other	Perennial Ryegrass	Timothy	Triticale	Wheat	
Canada	0.60	0.83	-	-	-	-	-	0.29	0.17	0.77	-	1,394.02	1,396.67
China	485.83	-	0.05	-	0.04	-	-	-	-	1.30	-	-	487.23
Japan	708.86	625.93	1,172.58	3.06	3.81	4.70	135.16	16.02	-	271.17	-	3.06	5,683.55
Other	6.90	-	0.00	-	-	0.00	14.17	0.69	0.11	6.94	-	0.05	28.86
Other Asia	150.93	0.31	1.84	-	5.02	1.94	1.25	45.50	12.39	3.15	16.77	2.75	241.86
Korea	758.98	2,510.95	5,022.97	6.35	2,594.88	74.41	233.56	763.87	696.40	48.89	-	-	12,711.25
EU	0.08	0.28	0.05	-	-	-	0.11	0.85	0.14	-	-	-	1.50
TOTALS	2,112.17	3,138.30	6,197.49	9.41	2,603.76	81.05	384.24	827.22	709.20	332.23	16.77	1,399.88	20,551

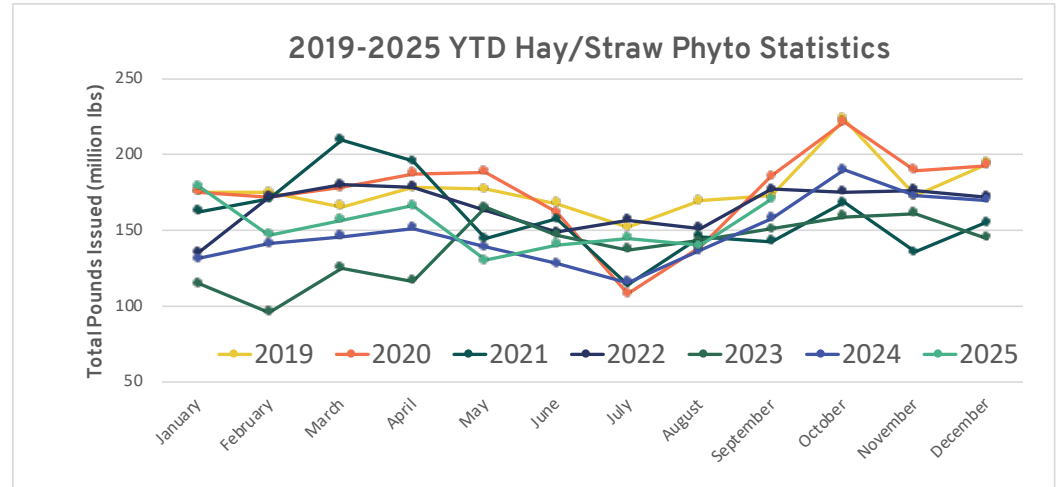
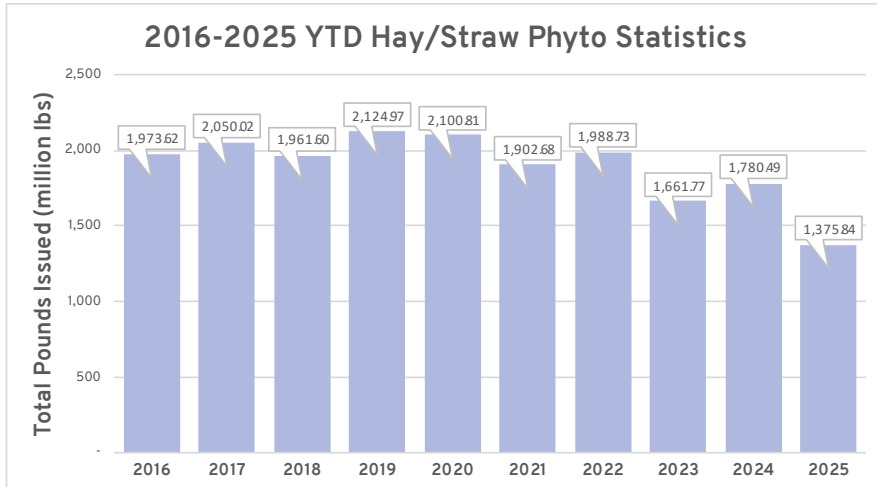
Data through September 2025

Hay/Straw Phytosanitary Certificates Summary Data - By Country and Year (Millions of Pounds)

Volume												TOTALS
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
Canada	81.1	129.4	150.0	181.5	167.7	126.6	93.6	140.4	102.0	115.0	109.3	1396.7
China	26.9	40.0	54.3	46.7	26.8	54.3	67.1	52.2	31.8	45.5	41.8	487.2
Japan	521.1	583.8	588.1	565.7	583.7	540.3	516.7	519.0	438.1	464.9	362.1	5683.6
Other	3.7	2.3	4.1	8.1	8.8	0.6	1.2			0.1		28.9
Other Asia	13.9	28.2	22.3	33.7	29.9	15.8	28.3	22.1	22.7	14.3	10.6	241.9
Korea	991.2	1189.6	1230.6	1125.9	1308.1	1355.4	1195.8	1255.0	1067.0	1140.7	852.0	12711.3
EU	0.4	0.3	0.7		0.0					0.0	0.1	1.5
Mexico									0.1			0.1
TOTALS	1638.3	1973.6	2050	1961.6	2125	2093.0	1902.7	1988.7	1661.8	1780.5	1375.8	20551.0

Hay/Straw Phytosanitary Certificates Summary Data - By Month and Year (Millions of Pounds)

	January	February	March	April	May	June	July	August	September	October	November	December	TOTALS
2015	111.65	95.93	154.33	158.34	143.68	124.31	108.57	119.59	136.12	152.64	160.00	173.18	1,638.33
2016	143.55	163.46	163.18	129.07	142.06	155.11	140.89	175.86	188.59	192.66	189.61	189.58	1,973.62
2017	162.27	168.47	209.35	167.34	179.38	166.75	102.92	184.94	169.01	203.70	173.71	162.18	2,050.02
2018	167.30	155.89	162.30	134.15	166.37	141.07	122.76	164.83	165.57	213.72	196.81	170.83	1,961.60
2019	175.64	175.20	165.88	178.50	176.96	168.00	152.17	169.67	172.85	223.41	172.60	194.11	2,124.97
2020	175.48	171.84	178.30	187.42	188.73	161.61	108.22	139.02	185.82	221.67	189.68	193.02	2,100.81
2021	162.14	170.79	209.71	195.96	144.22	157.26	114.11	145.98	142.87	168.55	135.92	155.17	1,902.68
2022	135.20	172.18	180.33	178.91	163.68	148.78	156.99	151.26	177.21	175.57	176.63	171.99	1,988.73
2023	114.79	95.79	125.06	116.79	165.38	147.08	137.22	143.48	150.87	159.01	161.16	145.13	1,661.77
2024	131.27	141.38	146.08	151.29	139.17	128.08	115.42	136.63	158.18	190.12	172.89	169.99	1,780.49
2025	179.52	147.23	156.79	166.01	130.48	140.46	144.97	140.05	170.33				1,375.84



Data through September 2025