



Hemp Advisory Meeting
Remote via Zoom
November 20, 2023

Members present: Matt Cyrus, Seth Crawford, Justin Tombe (Chair), Clint Shock, Jeremiah Dung, Andrew Altishin, Dan Curry, Elizabeth Savory, Jeffrey Steiner, Govinda Shretha, Tami Brown (secretary)

Others present: Stephen Baluch, Terry Burr

10:06 AM Call meeting to order Justin Tombe - Chair

1. Justin called the meeting to order and asked everyone to introduce themselves.
2. Review and approval of 2021 meeting minutes. Motion made and seconded to approve the minutes posted on the Oregon Seed Certification website and shared on the Zoom. All in favor.
3. General Discussion of Hemp Industry: Justin recommended moving this to after the reports.
4. Reports:
 - a. Seed Services Report, Appendix 1: Dan read off his report discussing the production of 600 pounds Foundation Gulf annual ryegrass, 600 pounds of Foundation Kentucky 31 tall fescue, the ISTA sub-committee working on PCR has found four primers they are trialing in hopes to distinguish annual from perennial ryegrass, and the team of researchers working computer programs using cameras and technology to determine off-type seeds using robotics has been awarded two grants to help fund the research.
 - b. Oregon Seed Certification Service Report, Appendix 2: Andy discussed his update for the year in review for Certified acres. He noted that for the second year hemp had no certified acres. He mentioned an overall decline in acres of about 6%, but that hybrid canola was up. He finished his report mentioning the staffing at OCS including an ongoing search to replace the IT position that Chris Wallace is retiring from.
 - c. Oregon Seed Laboratory Report: No report provided.
 - d. Oregon Department of Agriculture Report, Appendix 3: She gave a report for ODA which showed a continuing decline in the handlers, growers, and acres for industrial hemp. Exports have remained somewhat with most destinations being Europe, Thailand and South Africa. Elizabeth then inform everyone that the ODA plant health lab was moving to the North Valley Complex in Wilsonville and would be closed Jan 22-26.
 - e. Global Hemp Innovation Center Report: Jeffrey shared a report onscreen. He said that in the fall of 2020 donations dried up, and fundraising shifted to acquiring grants. They had 70 million dollars granted and they were expecting another 10 million by the end of the year. This fundraising has increased the number of colleges that they are cooperating with. The direction of the Center is moving to commodities like fiber and grain with the hopes of finding 5-6 good products that can work for growers and have a niche. These products also include possibilities like packaging materials and plastics. He also mentioned that they are working

with the tribes in the region as they do not have the same regulations or tariffs and have more freedom to invest. One question for Jeffrey was if there was any research going into energy storage. He said yes, that hemp is more efficient than coconut and they are researching how to transition to hemp for carbon capacitors.

5. General discussion of the hemp industry. Justin opened the floor for people to offer updates. Seth started the conversation by complimenting Jeffrey on getting funding. Jeffery thanked Seth and mentioned that there were several on the Zoom that were instrumental in getting the Innovation Center started and thriving and that they could not have done it without them. Justin seconded what Seth had said. Both stated that they are appreciative of the way that the GHIC is attempting to pivot with the changes to the market. Jeffery stated the center is trying to stay global with several countries they are working with. Justin mentioned the group that he is a member of that includes several international groups which attempt to help the future governments and researchers to navigate the crop and legislatures. Matt stated that he would like to see hemp as a feed crop. Justin mentioned the Jackson County Field Day and thought there was a project there on hemp hay. Jeffrey said his understanding is that hay is much more problematic than grain. Govinda shared that there were many studies on-going that would help the future. He shared a link* that had some of the information that Matt was looking for. He said there are surveys that have been conducted to help determine what should be studied that are in the editing process before publication. Justin said that the USDA also has a survey and the results should be out in February.
6. Elect representative to the 2023 Board Meeting. Andy said he needed to have a comment before starting electing a representative as it might affect the next couple agenda items. He referred back to the previous conversation surrounding the general discussion of the hemp industry and noted that none of that discussion had anything to do with certification of hemp seed. The fact that we have not had acres (or greenhouses) of industrial hemp and that this committee had completed its purpose of creating standards for certifying hemp in Oregon, he suggested closing the Hemp Advisory Committee and sending the certification of hemp back to the Grass and Legume Committee which also covers miscellaneous crops. Seth stated that he loves to get together to talk hemp but that he agreed that it was one more meeting that he has to attend and there could be a better use of their time. All were in favor. Seth asked if we needed to elect a representative to attend the Board. Andy said no, he would move forward with updating the by-laws of the board to remove the Hemp Advisory Committee.
7. Matt made a motion to adjourn the final meeting of the Hemp Advisory Committee and Seth seconded. Justin attempted a vote and Matt stopped him asking for discussion. Justin quickly asked for discussion and Matt simply said he wanted to thank everyone for participating in the meeting. Justin adjourned the meeting around 11 AM.

Respectfully submitted,



Tami Brown

*<https://www.sciencedirect.com/science/article/pii/S0022030223006392>

Seed Services Update

November 20, 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 last year in Washington to grow two acres of Foundation Gulf. Six hundred pounds of clean seed was harvested this year and passed with Foundation tags. The seed is stored in an Oregon warehouse and will be distributed as needed.

The Tall Fescue Commission hired the same Washington grower to raise two acres of Foundation Kentucky 31 for two seasons. A little over six hundred pounds of clean seed have been shipped to Oregon and tagged at the Foundation level. The Tall Fescue commission has a subcommittee that will distribute the seed to 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 (short stretches of DNA) have been sent to four labs, including the OSU Seed Lab. Once the best primer and technique have been developed, they will be shared with some international seed labs, to test the efficacy. It is hoped that a protocol using the new primer will be approved by both AOSA and ISTA to distinguish between annual and perennial ryegrass.

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. Two grants will support the work of the multi-disciplinary team for the next couple of years.



Andrew Altishin

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2023 Year in Review

Total Acres Certified of all Crops – 201,546 (-6.5%)

Total Acres of Grass Crops Certified – 160,954 (-9.7%)

Total Acres of Small Grains Certified – 21,943 (3.2%)

Total Acres of Legumes Certified – 4,196 (-18.5%)

Total Acres of Misc. Other Crops Certified – 14,453 (34.9%)

Total Acres of Potatoes Certified – 3,277 (6.3%)

Total Acres of PVG Certified – 155 (44.9%)

Total Acres of Corn – 2,649 (-6.2%)

Total Hemp Fields Inspected – 0 (NC)

Updates

- Jeff Mc Morran retiring
- Chris Wallace retiring
- Brenda Allison – Yamhill, Polk and Washington Co. sampler
- Karen Courtney – Union/Umatilla sampler
- Open Position ○ Programmer/Analyst

OSCS Staffing

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

Agriculture, Family and Community Development, 4-H Youth, Forestry, Energy and Extension Sea Grant Programs, Oregon State University, United States Department of Agriculture and Oregon Counties cooperating. The Extension Service offers its programs and materials equally to all people.

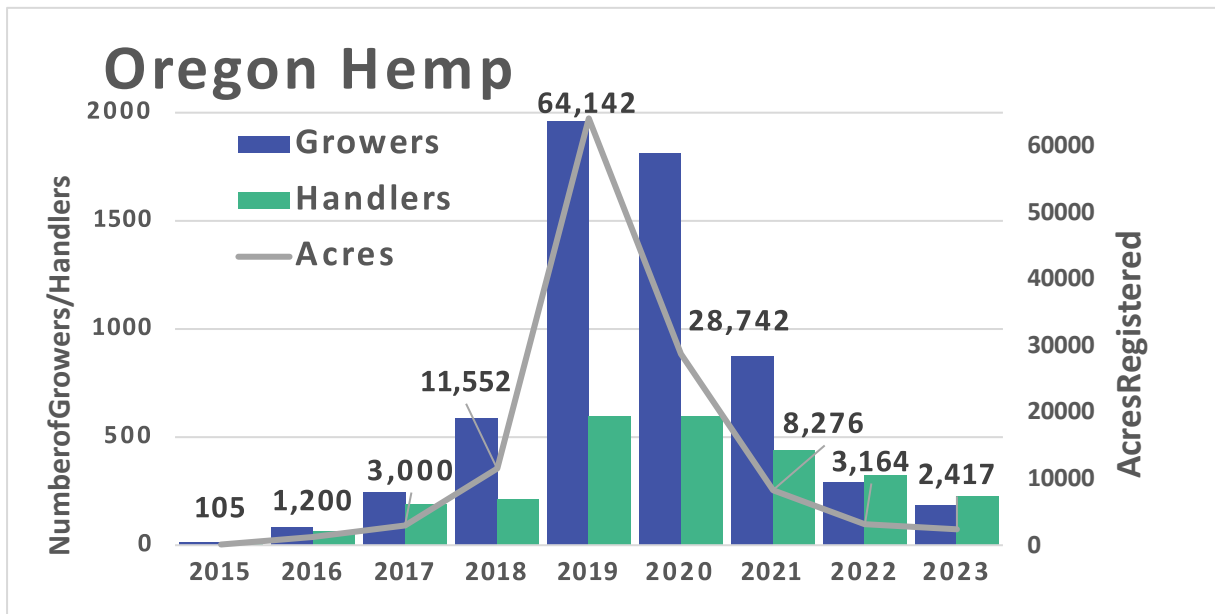
Hemp Seed Advisory Committee Update

November 20, 2023



Hemp Program Updates

- 2023 Registration data is current through November 15, 2023 (see graph) • 22 Agricultural Hemp Seed Registrations have been issued in 2023.
 - 2022: 28; 2021: 77; 2020: 208; 2019: 853



Hemp Seed Exports & Phytosanitary Certificates

- Since 2019, the Plant Health laboratory has inspected 153 shipments of hemp seed for export.
- Most common destinations: Europe, Thailand, and South Africa
- Contact PlantHealth@oda.oregon.gov for assistance with hemp seed exports

	2019	2020	2021	2022	2023 (YTD)
No. of Shipments Inspected	6	29	35	53	30

- The Plant Health laboratory is moving in January 2024. After February 1, all hemp seed samples should be sent to:
 North Valley Complex, ATTN: Plant Health
 26755 SW 95th Ave, Wilsonville, OR 97070
- No seed inspection or testing services will be available from January 22-26th. If you have questions, please reach out to PlantHealth@oda.oregon.gov.

Action Items:

No action items from this meeting.