



**Oregon State**  
University

Hemp Advisory Committee Meeting  
Remote via Zoom  
November 15, 2021

Members present: Matt Cyrus, Paul Bracher, Seth Crawford, Peter DeLong, Clint Shock, Andrew Hulting, Jeremiah Dung, Andrew Altishin, Dave Stimpson, Elizabeth Savory, Tami Brown (secretary)

Others present: Govinda Shretha, Terry Burr, Jodi Keeling

10:00 am Call meeting to order – Seth Crawford, chair

1. Seth called the meeting to order at about 10:10 am. He allowed everyone to introduce themselves.
2. Review and approval of 2020 meeting minutes. The minutes were sent out on email and were available online. It was moved and seconded to approve the 2020 minutes.
3. Review of actions taken at the 2020 Certification Board meeting. Tami reviewed the items presented to the Board and noted that all items were approved.
4. Update all Hemp standards. Special Notes B. Appendix 1
  - a. ORIGINAL WORDING: Growers may be required by Federal or local requirements to obtain THC test results from a recognized laboratory verifying that the THC content of their Industrial Hemp crop complies with applicable regulations. Growers may be required to submit these results to OSCS to complete seed certification.
  - a. UPDATE TO: Growers may be required by OSCS to obtain and submit additional testing before the seed can be certified. In addition, growers must meet all applicable State and Federal requirements.

Meetings at AOSCA recommended new wording for the hemp standards. With constant changing state and federal regulations pertaining to Industrial Hemp it was suggested to have more general rules instead of very specific wording. It was moved and seconded to approve the new wording on all three standards.

5. Review Clonal Standards  
Tami explained that AOSCA has clonal standards and Oregon has not accepted them. If a company decided to move forward with them, the AOSCA standards would be used. The committee decided again to not move forward with accepting the clonal standards. Three members commented and all agreed that the science does not support these standards as written. No motion was made to support the standards. Tami said that until a company asks to use clonal standards in Oregon, the committee will not see these standards again. The committee supported this action.

6. Bylaws Discussion Appendix 2

The current Hemp Bylaws have three extension positions: pathologist, weed management and researcher. There had not been a researcher specific to hemp in the extension services so the Global Hemp Innovation Center was accepted as the voting member in that position. In June of 2021, Govinda Shretha was hired to be the hemp researcher located at the Southern Oregon Research and Extension Center (SOREC). The committee made a motion to accept Govinda Shretha as the voting extension hemp researcher, but to retain the Global Hemp Innovation Center position on the committee in an Ex-Officio non-voting role. All were in favor.

7. New business - no new business

8. Reports:

a. Seed Services Report (Dan Curry) Appendix 3

Andrew Altishin presented Dan Curry's report in his absence.

b. Oregon Seed Certification Service Report (Andrew Altishin) Appendix 4

Andrew Altishin gave a brief update on Certification activities including a continued decline in Hemp fields. AOSCA is working on one more round of hemp varieties. He noted originally that there were not fully bred hemp varieties being applied for, now it seems to be more legitimate and better understood. He mentioned the changes within the department with two new inspectors, and Tami taking over secretary of the Hemp Advisory Committee.

c. Oregon Seed Laboratory Report (Dave Stimpson)

Dave noted a drop of about 45% in hemp testing. He noted there seemed to be fewer companies involved in Oregon. There is still a strong research component for hemp at the lab with both germination and genetics. Overall for the seed lab there has been about a 15% drop in sample load which is attributed to the heat and drought from the season. There has been a problem hiring this year, assuming due to Covid. Usually the lab will hire temp workers and keep two on to become analysts. This year there was no worker who stayed to be trained as an analyst. Finally he mentioned that there is some work being completed for hemp breeders determining triploids in their material.

d. Oregon Department of Agriculture Report (Elizabeth Savory) Appendix 5

Elizabeth noted that the hemp acres, growers and handler numbers are all continuing to decline from the high of 2019. There were 77 seed producers this year compared to 200 last year. There is current rule making underway due to the last Farm Bill to maintain compliance, but nothing determined at this time. There is a public hearing Dec 2.

e. Global Hemp Innovation Center Report (Jay Noller)

Jay was unavailable for the meeting, Clint Shock gave a short report from his experience with programs conducted with the Global Hemp Innovation Center. He shared that he has observed a wide range of people testing the different aspects of hemp. A variety trial was planted using 17 different locations nationally. Irrigation trial completed at 6 locations in the western states. There is good information coming in from these, the autoflower seeds seemed better from 2020 than this year. Seth added that there is still data from 2020, especially chemical profiling, that has been held up getting to and from an accredited lab. Clint noted that adding water improved results except in the autoflowers as they require much less water input.

9. Time and Date of next meeting:

a. Election of Vice Chair

Seth Crawford was nominated. Matt and Peter moved to elect Seth as vice chair. All were in favor.

b. Recommendation for re-appointment of members terms expiring.

Seth noted the drop in the number of people who are interested and maybe we need to put some feelers out to see who will be an active member. Tami noted the members that would be expiring and explained the established plan of reaching out to those members and seeing if they would be willing to serve again. On the chance that the northeast person isn't interested a name was suggested from the Columbia Basin area to serve as a grower. Also the extension agent in the area may have a suggestion. The purpose of having the different regions on the committee was revisited. Andrew A. stated that he understood the purpose of having the regions represented however he preferred to have an active member who would attend the meetings over a name that covers a region who will not be active at the meetings. This was also approved by Peter and said he might have other people who are interested in the future. Andrew mentioned that we can change the structure of the committee as the industry changes, we are not locked in to the regional status.

c. Location and Date

The location and date of the meeting has been fluid for this committee. It was suggested to reach out to the chair for a time and place that would be convenient as was done this year. Andrew A. suggested that maybe we could meet at Southern Oregon Research and Extension Center (SOREC) and either before or after the meeting get a tour at Govinda's facility and learn about his research. This was favorably accepted by the group.

10. Creation of New Business. Clint requested new business.

He recommended that the committee create a statement pertaining to the %THC currently in the legislature. The legal maximum amount of 0.3% THC is forcing 'mediocre' varieties, also there is a strong cultural practice influence that can change the overall percent THC. He felt the committee should send a statement that the laws relating to the %THC need to be changed. He suggested creating a ratio instead of a percent. Seth mentioned that the Oregon law is written that when the Feds change their number Oregon can change as well. Seth then asked if Clint was requesting a motion to create a statement from the committee. Many had comments in favor of a statement and it was suggested to create a sub-committee. Peter said he would be pleased to create a statement and use this committee to publicize it. A motion was made asking for a follow up meeting to discuss the language for the statement. Two members commented on whether this is an appropriate topic of the committee. It was mentioned by Andrew A. that, due to the current state and federal rules affecting how seed is certified, this type of statement does not affect the day to day work of certification and thus is outside of the bounds of this committee. The rules as stated in the bylaws were to work within the parameters of the government restrictions. What would help more would be to have a statement created that would go from members of the committee to the Dean or the legislature. When asked what a better course would be Andrew A. mentioned that the Global Hemp Center and the Dean should be presented with this. Clint stated that there is an opportunity to meet with the Ag Committee at the legislative level and have a statement ready for them. The committee decided to work outside the Hemp Advisory Committee to work with this issue. No seconds were raised and no vote was taken.

11. Move made to adjourn the meeting, and seconded. Meeting adjourned at approximately 11:15 am.

Respectfully submitted,

A handwritten signature in black ink that reads "Tami L. Brown". The signature is written in a cursive style with a large initial "T" and "B".

Tami Brown, Secretary

December 10, 2021

### Action Items for the Board

1. Update the Special Requirements section B on all standards.
2. Update the bylaws adding one ex-officio non-voting position.



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

**CERTIFICATION STANDARDS**  
**ESSENTIAL OIL INDUSTRIAL HEMP**  
 (*Cannabis sativa* L.)  
 Revised February 16, 2021

**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 Essential Oil Hemp standards.

**Varieties Certified:** Only varieties approved for production by Federal or local regulatory authorities may be eligible for seed certification.

**Field History:** To produce Foundation or Registered seed, land must not have been grown or seeded to any *Cannabis* sp. during the previous three years. To produce Certified seed, land must not have grown or been seeded to any *Cannabis* sp. in the previous 2 years. This may be reduced to one year if the same variety and certified. Hemp must be planted in distinct rows. OSCS must approve exceptions prior to planting. To produce Certified Seed in greenhouse production, the greenhouse must be free of all plants a minimum of six weeks prior, unless the previous variety was the same variety and Certified. Sanitation may be considered in lieu of the six weeks, and a plan must be submitted to and approved by OSCS prior to production.

**Greenhouse and Field Inspections:** Three inspections may be required depending on the variety type and production generation; at least two inspections are required prior to seed harvest. Crop inspection of pollen donor and pollen receptors must be inspected at a stage of growth when varietal purity is best determined. Crops not inspected at the proper stage for best determining variety purity may be cause for declining certified status. The first inspection for pollen donor and pollen receptor types occurs just before or at early flowering, the second must occur at mid-bloom with active pollen shed, normally within 3 weeks after first inspection; the third inspection, if necessary, occurs when off-type female flowers can be identified. Applications shall be made within 7 days of placement of seedlings in the greenhouse or field. For fields directly seeded, applications shall be made within 14 days of planting.

**Field Standards:**

| Class of Seed Produced  | Variety Type | Maximum Number of Dioecious Male Plants Shedding Pollen <sup>1</sup> | Off Types <sup>2</sup> | Number of Inspections | Isolation Distance Required  |  |   |
|-------------------------|--------------|--|------------------------|-----------------------|--|--|---|
|                         |              |  |                        |                       | From different varieties of hemp or contaminating pollen source that has pollen present, or non-certified Hemp | Fields planted with Certified seed of the same variety | From same variety and meets certification standards |
| Foundation <sup>3</sup> | Conventional | 1  | 0                      | 3                     | 21,120 ft  | 15,840 ft  | 16 ft   |
|                         | Clonal       | --   | 0                      | 3                     |  |  |   |
| Registered <sup>3</sup> | Conventional | 2  | 10                     | 3                     | 21,120 ft  | 15,840 ft  | 3 ft  |
|                         | Clonal       | --   | 10                     | 2                     |  |  |   |
| Certified <sup>3</sup>  | Conventional | 100  | 10                     | 2                     | 21,120 ft  | 15,840 ft  | 3 ft  |
|                         | Clonal       | --   | 10                     | 2                     |  |  |   |
|                         | Hybrid       | 100  | 10                     | 2                     |  |  |   |
|                         | Feminized    | 0  | 20                     | 2                     |  |  |   |

<sup>1</sup> Maximum impurities allowed per 10,000 plants; applied as an average of six counts involving at least 10,000 plants each. Includes off-types or other varieties. For greenhouses maximum impurities allowed per 1,000 plants; applied as an average of six counts involving at least 1,000 plants each. If less than the required number of plants are present, all plants will be observed and used in calculations.

<sup>2</sup> If Dioecious male plants start flowering before removal from field, all plants around them should be destroyed for a radius of 10 feet for Foundation and 7 feet for Registered seed crops.

<sup>3</sup> An OSU Seed Lab Orobancha exam is required if Small Broomrape is found in a certification field inspection. Two samples are to be submitted in separate containers: one for the Orobancha exam, the other for standard purity and viability testing.

**Greenhouse Standards:** Each greenhouse facility is limited to one pollen source

| Class of Seed Produced  | Variety Type | Maximum Number of Dioecious Male Plants Shedding Pollen <sup>1</sup> | Off Types | Number of Inspections | Isolation Distance Required*   |  |   |
|-------------------------|--------------|--|-----------|-----------------------|--|--|---|
|                         |              |  |           |                       | From different varieties of hemp or contaminating pollen source that has pollen present, or non-certified Hemp | Fields planted with Certified seed of the same variety | From same variety and meets certification standards |
| Foundation <sup>3</sup> | Conventional | 1  | 0         | 3                     | 21,120 ft  | 15,840 ft  | 16 ft   |
|                         | Clonal       | --   | 0         | 3                     |  |  |   |
| Registered <sup>3</sup> | Conventional | 2  | 1         | 3                     | 21,120 ft  | 15,840 ft  | 3 ft  |
|                         | Clonal       | --   | 1         | 2                     |  |  |   |
| Certified <sup>3</sup>  | Conventional | 100  | 2         | 2                     | 21,120 ft  | 15,840 ft  | 3 ft  |
|                         | Clonal       | --   | 2         | 2                     |  |  |   |
|                         | Hybrid       | 100  | 2         | 2                     | 21,120 ft  | 15,840 ft  | 3 ft  |
|                         | Feminized    | 0  | 2         | 2                     |  |  |   |

**\*Isolation distances may be waived if pollen exclusion methods are documented and submitted prior to inspection**

**Seed Standards:** (Minimum Sample Size – 1000 grams, excess seed will be returned)

| Factor                             | Foundation | Registered | Certified (Blue tag) |
|------------------------------------|------------|------------|----------------------|
| Pure seed, minimum                 | 98.00%     | 98.00%     | 98.00%               |
| Other crops, maximum               | 0.01%      | 0.03%      | 0.08%                |
| Inert matter, maximum <sup>4</sup> | 2.00%      | 2.00%      | 2.00%                |
| Weed seed <sup>5</sup> , maximum   | 0.10%      | 0.10%      | 0.10%                |
| Other varieties, maximum           | 0.005%     | 0.01%      | 0.05%                |
| Other kinds <sup>6</sup> , maximum | 0.01%      | 0.03%      | 0.07%                |
| Germination                        | 85.00%     | 85.00%     | 85.00%               |
| Feminized seed <sup>7</sup>        | --         | --         | 99.9%                |

**Special notes:**

A. Greenhouse production – For certification purposes, a greenhouse will be identified as a single “field.” This should match the warehouse information given to ODA.

~~B. Growers will be required by Federal or local regulations to obtain THC test results from a recognized laboratory verifying that the THC content of their hemp crop complies with applicable regulations. Growers shall be required to submit these results to OSCS to complete seed certification, and the results will be verified with ODA. Growers may be required by OSCS to obtain and submit additional testing before the seed can be certified. In addition, growers must meet all applicable State and Federal requirements.~~

C. Growth facility must only contain certified hemp production.

<sup>4</sup> Inert Matter shall not include more than 0.5% of material other than seed fragments of the variety under consideration

<sup>5</sup> None of the prohibited weeds listed in Section V in the OSCS Handbook, nor any Docks, Sheep Sorrel or St. Johnswort allowed in any class of seed.

<sup>6</sup> Other kinds shall not exceed 2 per lb. (454 grams) for Foundation; 6 for Registered; 10 for Certified

<sup>7</sup> Determined by Variety Verification Trial or approved molecular testing.



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

**CERTIFICATION STANDARDS**  
**FOOD, FIBER, AND GRAIN INDUSTRIAL HEMP**  
*(Cannabis sativa L.)*  
 Revised February 16, 2021

**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 Industrial Hemp standards.

**Varieties Certified:** Only varieties approved for production by Federal or local regulatory authorities may be eligible for seed certification. Varieties may represent the following types<sup>1</sup>: Monoecious, with male and female flowers on the same plant; Dioecious, with male and female flowers on separate plants; and (unisexual female) Hybrids, with sterile male and fertile female flowers on the same plant.

**Field History:** To produce Foundation and Registered seed, land must not have grown or been seeded to any *Cannabis* sp., hops or tobacco during the previous three years, for Certified seed two years, this may be reduced to one year if the same variety and certified. Hemp must be planted in distinct rows. OSCS must approve exceptions prior to planting.

**Field Inspections:** Three inspections may be required depending on the variety type and production generation; at least two inspections are required prior to seed harvest. The first inspection occurs before female (pistillate) flowers of the crop are receptive and after the formation of male (staminate) flowers, preferably before pollen is shed; the second inspection occurs during the receptive stage of female plants, normally within 3 weeks after first inspection; the third inspection, if necessary, occurs when off-type female flowers can be identified. The field application must be submitted within 60 days of planting, and a seed crop application must be submitted by April 15 of each year in which seed is produced.

**Field Standards:**

| Class of Seed Produced  | Variety Type | Maximum Number of "Too Male" Monoecious Plants <sup>2</sup> | Maximum Number of Dioecious Male Plants Shedding Pollen <sup>2,3</sup> | Maximum Number of Other Impurities <sup>2</sup> | Number of Inspections | Isolation Distance Required       |  |
|-------------------------|--------------|---|--|---|-----------------------|-----------------------------------|--|
|                         |              |   |  |   |                       | From Different Varieties or Types | From Lower Certified Class of Same Variety |
| Foundation <sup>4</sup> | Monoecious   | 500   | 1  | 3   | 3                     | 3 miles                           | 2 miles                                    |
|                         | Dioecious    | --  | --   | 3   | 3                     |                                   |  |
| Registered <sup>4</sup> | Monoecious   | 1000 (10%)  | 2  | 10  | 3                     | 3 miles                           | 1 mile                                     |
|                         | Dioecious    | --  | --   | 10  | 2                     |                                   |  |
| Certified <sup>4</sup>  | Monoecious   | --  | 100  | 10  | 2                     | 1 mile                            | --   |
|                         | Dioecious    | --  | --   | 10  | 2                     |                                   |  |
|                         | Hybrid       | --  | 100  | 10  | 2                     |                                   |  |

**Seed Standards:** (Minimum Sample Size – 1000 grams, excess seed will be returned)

| Factor                           | Foundation (White tag) | Registered (Purple tag) | Certified (Blue tag) |
|----------------------------------|------------------------|-------------------------|----------------------|
| Pure seed, minimum               | 98.00%                 | 98.00%                  | 98.00%               |
| Other crops, maximum             | 0.01%                  | 0.03%                   | 0.08%                |
| Inert matter, maximum            | 2.00%                  | 2.00%                   | 2.00%                |
| Weed seed <sup>5</sup> , maximum | 0.10%                  | 0.10%                   | 0.25%                |
| Germination                      | 85%                    | 85%                     | 85%                  |

**Special notes:**

**A.** Greenhouse production – For certification purposes, a greenhouse will be identified as a single "field."

**B.** ~~Growers may be required by Federal or local regulations to obtain THC test results from a recognized laboratory verifying that the THC content of their Industrial Hemp crop complies with applicable regulations. Growers may be required to submit these results to OSCS to complete seed certification.~~ Growers may be required by OSCS to obtain and submit additional testing before the seed can be certified. In addition, growers must meet all applicable State and Federal requirements.

**C.** Growth facility must only contain certified hemp production.

<sup>1</sup> Although traditionally a crop with a Dioecious plant type, many Monoecious varieties of hemp have been developed. Hemp is sexually polymorphic and often produces many different ratios of intersexual plant types that can increase rogueing requirements. Variety descriptions normally define these ratios.

<sup>2</sup> Maximum impurities allowed per 10,000 plants; applied as an average of six counts involving at least 10,000 plants each. Includes off-types or other varieties.

<sup>3</sup> If Dioecious male plants start flowering before removal from field, all plants around them should be destroyed for a radius of 10 feet for Foundation and 7 feet for Registered seed crops.

<sup>4</sup> An OSU Seed Lab Orobanche exam is required if Small Broomrape is found in a certification field inspection. Two samples are to be submitted in separate containers: one for the Orobanche exam, the other for standard purity and viability testing.

<sup>5</sup> None of the prohibited weeds listed in Section V in the OSCS Handbook, nor any Docks, Sheep Sorrel or St. Johnswort allowed in any class of seed.



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

CERTIFICATION STANDARDS  
**TRANSPLANT STOCK HEMP**  
 (*Cannabis sativa* L.)  
 Accepted February 16, 2021

**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 Transplant Stock Hemp standards.

**Varieties Certified:** Only varieties approved for production by Federal or local regulatory authorities may be eligible for seed certification.

**Field History:** To produce certified transplants, land must not have grown or been seeded to any *Cannabis* sp. in the previous 2 years. This may be reduced to one year if the previous crop was certified. Hemp must be planted in distinct rows. OSCS must approve exceptions prior to planting. To produce Certified transplants in greenhouse production, the greenhouse facility must submit a Standard Operating Procedure and document the facility is free of any plant material from a previous crop prior to production. Soil mix must be new, soil-less media, or sanitized soil mixes.

**Greenhouse and Field Inspections:** All transplant production will be inspected at least twice for varietal labeling, phenotypic purity, isolation, general physical condition, and appearance of plants. Additional inspections may be necessary to ensure certification standards are met. Unlabeled or inadequately labeled transplants will be ineligible for certification. Applications shall be made within 7 days of placement of seedlings in the greenhouse or field. For fields or greenhouses directly seeded, applications shall be made within 14 days of planting.

**Field and Greenhouse Standards:**

| Class of Seed Produced | Unsatisfactory plants* | Off Types    | Number of Inspections | Isolation Distance                            |
|------------------------|------------------------|--------------|-----------------------|---|
|                        |                        |              |                       | From a different variety (prior to flowering) |
| Foundation             | 0                      | 20 in 10,000 | 2                     | 1.5 ft  |
| Registered             | 0                      | 20 in 10,000 | 2                     | 1.5 ft  |
| Certified              | 0                      | 20 in 10,000 | 2                     | 1.5 ft  |

\*Unsatisfactory plants may include diseased, unsatisfactory appearance, insect infestation, otherwise stressed or any condition which prevents thorough inspection.

**Special notes:**

- A. Greenhouse production – For certification purposes, a greenhouse will be identified as a single “field.” This should match the warehouse information given to ODA.
- B. ~~Growers will be required by Federal or local regulations to obtain THC test results from a recognized laboratory verifying that the THC content of their hemp crop complies with applicable regulations. Growers shall be required to submit these results to OSCS to complete seed certification, and the results will be verified with ODA. Growers may be required by OSCS to obtain and submit additional testing before the seed can be certified. In addition, growers must meet all applicable State and Federal requirements.~~
- C. Growth facility must only contain certified hemp production.

## Hemp Certification and Foundation Seed and Plant Materials Advisory Committee Bylaws

### Article I. Name and Location

The name shall be the Hemp Certification and Foundation Seed and Plant Materials Advisory Committee (shortened version: Hemp Certification Advisory Committee). The principal office and place of business shall be in the College of Agriculture, Oregon State University.

### Article II. Objective

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

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

### Article III. Membership

1. The advisory Committee shall consist of 11 voting members, representing the different growing regions of the state, and will include breeder, grower, and processor representatives as well as OSU researchers. Of the breeder, grower, and processor representatives, two will be from the Willamette Valley, two will be from Southern Oregon, one will be from Central Oregon, one will be from the Columbia Basin, one will be from Northeast Oregon and one will be from Southeastern Oregon. Representing the OSU researchers, one will be a hemp researcher, one will be an OSU weed specialist, and one will be an OSU plant pathologist. The following shall serve as non-voting ex-officio members: Crop and Soil Science Department Head, Director of Seed Services, Certification Project Manager, Seed Laboratory Manager, a representative of the Oregon Department of Agriculture, a representative of the Global Hemp Innovation Center and such other ex-officio members the Dean or the Committee shall deem necessary.
2. Until established industry organizations are operational, Representatives of the Committee shall be appointed by the OSU Hemp Stewardship Committee according to the regional needs operating in the best interest of the hemp industry.
3. If a vacancy occurs before established industry organizations are operational, the OSU Hemp Stewardship Committee or the Dean may appoint appropriate representatives.

### Article IV. Term of Membership

1. The representatives shall be appointed to serve a three-year term. To initiate the committee the first year, position one from the Willamette Valley region, position one from the Southern Oregon region, and the Central Oregon representative shall be appointed for one year. The Columbia Basin, the Southeast Oregon, and position two from the Southern Oregon region shall be appointed for two years. The Northeast representative and position two from the Willamette Valley region shall be appointed for three years. Re-appointment for an additional term is permissible, but whenever possible, new individuals should be appointed.
2. The OSU hemp researcher, OSU weed specialist, and OSU pathologist shall serve at the Dean's discretion.

### Article V. Officers

1. Officers shall consist of a chair and vice-chair. Each will serve a one-year term. The vice-chair will become chair. If the first chair is a breeder, the vice-chair will be a grower. For selecting a

breeder for alternating terms, the processor will be considered part of the breeder group. After the first year, the breeders and growers will be represented as chair on alternate years. The Hemp Stewardship committee shall appoint the first chair and vice-chair of the Hemp Certification Advisory Committee.

2. A secretary shall be chosen by the Dean and may or may not be a member of the committee.

### **Article VI. Meetings**

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

### **Article VII. Amendments**

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

Oregon State University Extension Service prohibits discrimination in all its programs, services, activities, and materials on the basis of race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, familial/parental status, income derived from a public assistance program, political beliefs, genetic information, veteran's status, reprisal or retaliation for prior civil rights activity. (Not all prohibited bases apply to all programs.)

**Seed Services Update**

**November 15, 2021**

- Two years ago, the Ryegrass Commission asked a group of local grass seed industry people to see if they can develop a small amount of Gulf breeder seed. The first year of a multiple year project was completed in 2019 and the project was put on hold during 2020 due to the COVID pandemic. This year the team completed a second year of increases and hopes to have a small amount of Gulf breeder seed developed by next September.
- An ISTA sub-committee is working on developing a PCR test that would distinguish the difference between annual and perennial ryegrass. Progress is slow, but there is hope that primers will be developed soon that will allow up to six international labs to test out the efficacy of the new test.
- 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 currently applying for a grant to fund the major portion of the project.

## **2021 Year in Review**

### **Total Acres Certified of all Crops – 229,047 (-3%)**

Total Acres of Grass Crops Certified – 190,390 (-5.2%)

Total Acres of Small Grains Certified – 22,568 (5.3%)

Total Acres of Legumes Certified – 6,429 (38%)

Total Acres of Misc. Other Crops Certified – 9,660 (<1%)

Total Acres of Potatoes Certified – 3,052 (2.5%)

Total Acres of PVG Certified – 41 (-55.4%)

**Total Hemp Fields Inspected – 8 (-78.4%)**

### New Hires

- Mel Laam, Office Manager, OSCS Main Office
- Mason McKinney, Seed Certification Specialist (Polk Co., small grains support), OSCS Main Office
- Craig Agidius, Seed Certification Specialist (Benton Co., Corn program coordinator trainee), OSCS Main Office
- Tami Brown shifted responsibilities to take over the hemp program.
- Open Positions
  - o Linn County Sampler
  - o Union County Sampler

### OSCS Staffing

- 3 Administrative staff
- 2 Information Technology Staff
- 7 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



**Oregon State**  
University

**Andrew Altishin**

Oregon Seed Certification Service

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#### Updates

- Still operating under Covid-19 protocols (main office and select extension offices closed to the public or following reduced in-person interactions).
- Continuing encouragement of online sign-up processes and credit card usage.

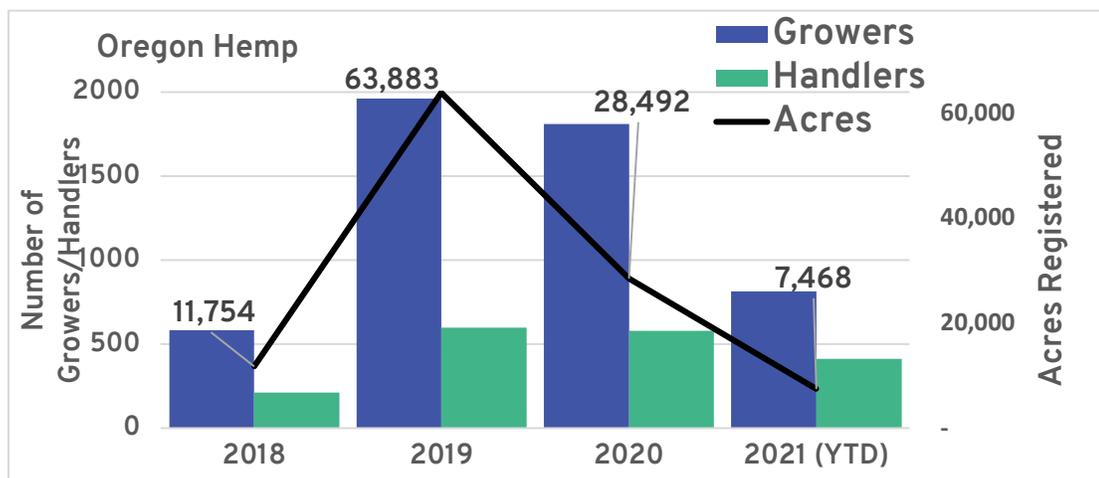
# Hemp Seed Advisory Committee Update

## November 15, 2021



### Hemp Program Updates

- 2021 Registration data is current through October 15, 2021 (see graph below).
- 77 Agricultural Hemp Seed Registrations were issued, compared to 208 and 853 in 2020 and 2019, respectively.
- Indoor Square footage: 2021 (YTD) – 8,066,281; 2020 – 10,909,559; 2019: 11,301,004



### Hemp Rulemaking Underway

- A second round of [proposed rules](#) (i.e. draft rules) are now available for public comment. If approved, these rules will be effective for the 2022 license year (January 1 - December 31, 2022).
- Please send written comments by postal mail or email no later than 5:00 pm on December 17, 2021:

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- Public Hearing will be held December 2, 2021 at 2:00 pm (virtual) December 2, 2021
  - <https://global.gotomeeting.com/join/709035477>
  - Call in: United States (Toll Free): [1 877 309 2073](tel:18773092073) or United States: [+1 \(571\) 317-3129](tel:15713173129)  
Access Code: 709-035-477