**2020 OSU Turf Virtual Field Day Videos**

Available August 26, 2020

<https://horticulture.oregonstate.edu/beaverturf>

**2020 OSU Turf Question and Answer Session**

Wednesday September 2, 2020 from 9 am to 11 am

Zoom Meeting Link: [https://oregonstate.zoom.us/j/91071638653](https://oregonstate.zoom.us/j/91071638653%20)

Phone Link: 1-971-247-1195 US (Portland)

Meeting ID: 910 7163 8653

**Jason Oliver Golf Outing**

Thursday September 3, 2020 at 1 pm at Trysting Tree Golf Club



**Speakers:**

Alec Kowalewski, PhD., Turfgrass Specialist

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Brian McDonald, Senior Faculty Research Assistant

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Clint Mattox, PhD., Research Associate

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Emily Braithwaite, Faculty Research Assistant

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Alyssa Cain, Graduate Assistant

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Ruying “Wrennie” Wang, PhD., Postdoctoral Scholar

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Chas Schmid, PhD., Faculty Research Assistant

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| **Impact of Topdressing Annual Bluegrass:**  Dr. Wrennie Wang, Postdoctoral Scholar  Aug 27, 2020 | Page 5 |
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**Title:** Turf Program Overview (Turf Hunter)

**Speaker:** Alec Kowalewski

**Video Duration: 13 minutes**

**Video Link:** <https://youtu.be/gPvO3rdonOU>

This video highlights the OSU Turfgrass Team as well as updates and changes at the OSU Lewis-Brown Horticulture Farm in Corvallis, OR. Items presented include a review of faculty, staff and graduate assistants, newly obtained research and maintenance equipment, and the newly constructed USGA annual bluegrass putting.

**Title:** National Turfgrass Evaluation Program Trials (Turf World)

**Speaker:** Alec Kowalewski

**Video Duration:** 26 minutes

**Video Link:** [https://youtu.be/zBKKnXOp-9c](https://youtu.be/zBKKnXOp-9c%20)

Take a virtual tour of the National Turfgrass Evaluation Program (NTEP) plots (perennial ryegrass, tall fescue, fine fescue and low maintenance cool-season turf) at Oregon State University in Corvallis, OR. After this, learn how to access online NTEP data. Oregon and other western locations will be highlighted.

**Title:** Eco Lawns with Tom Cook

**Speaker:** Alec Kowalewski

**Video Duration:** 18 minutes

**Video Link:** <https://youtu.be/ef-qRLlNvZo>

Turfgrass Specialist Emeritus Tom Cook discusses the evolution of lawns in the Pacific Northwest. As well as successful EcoLawn plant species selection, installation, renovation and maintenance of EcoLawns, and common lawn care mistakes.

**Title:** Ambrogio Robot Mower Demonstration

**Speaker:** Alec Kowalewski

**Video Duration:** 2 minutes

**Video Link:** <https://youtu.be/f3By1eFyp7o>

Ambrogio Robot visits the OSU Lewis-Brown Farm for a demonstration of the 4.36 Elite self guided mower.

**Title:** Impact of Topdressing on Annual Bluegrass Greens

**Speaker:** Ruying “Wrennie Wang”, Ph.D.,

**Video Duration:** 5 minutes

**Video Link:** <https://youtu.be/YpOD_n3C8uk>

Topdressing program needs to be consistent and matches the growth of putting green turf. Research showed increasing annual topdressing rate decreased anthracnose disease on annual bluegrass.

**Title:** Endophytes in Turfgrass

**Speaker:** Ruying “Wrennie Wang”, Ph.D.

**Video Duration:** 5 minutes

**Video Link:** <https://youtu.be/mozjyFpQ7cg>

Dr. Wrennie Wang highlights the benefits of endophytes in turfgrass, which include improved biotic and abiotic stress tolerance. Endophytes may provide an alternative turfgrass pathogen management method.

**Title:** Fungicide Screening for Anthracnose

**Speaker:** Brian McDonald, Senior Research Assistant II

**Video Duration:** 23 minutes

**Video Link:** <https://www.youtube.com/watch?v=3WBmfy-v8iI>

This video covers a 2020 anthracnose trial conduced at Oregon State University sponsored by Syngenta, Simplot, BASF, & Bayer

**Title:** Effects of Wetting Agents, Bio-stimulants, and Fungicides on Anthracnose

**Speaker:** Brian McDonald, Senior Research Assistant II

**Video Duration:** 22 minutes

**Video Link:** <https://www.youtube.com/watch?v=czejbNLvjCw>

This video covers 2020 Anthracnose Trial results sponsored by Wilbur Ellis, Surfactant Solutions, and NuFarm.

**Title:** OSU Long-term Cultivation and Sand Topdressing Trial Update

**Speaker:** Charles Schmid, Ph.D., Research Assistant

**Video Duration:** 11 minutes

**Video Link:** <https://www.youtube.com/watch?v=zTdmN6YqSgM>

This presentation will cover the long-term topdressing and cultivation trial that was initiated in the spring of 2020. The objectives of this study are to 1) determine the optimum cultivation method (hollow vs solid tine) and cultivation timing (spring vs fall), and 2) determine the optimum topdressing rate (0, 50, and 100 lbs 1000 ft-2) for annual bluegrass putting greens. A summary of methods used to determine total organic matter and soil infiltration rate will be presented, which can be utilized by the participants on their own sites. In addition, soil physical property data (total OM and infiltration rate) and visual data collected during 2020 will be presented.

**Title:** Can PGR timing influence core cultivation recovery?

**Speaker:** Charles Schmid, Ph.D. Research Assistant

**Video Duration:** 8 minutes

**Vidoe Link:** <https://www.youtube.com/watch?v=hjETCqN4wFw>

This presentation will focus on the effect of plant growth regulators (PGRs) on core cultivation recovery time. The objectives of this study are to 1) determine the effect of trinexapac-ethyl application timing on core cultivation recovery, 2) determine if ethephon applied in the spring for annual bluegrass seed-head control influences recovery time, and 3) evaluate the effect of gibberellic acid (GA3) on recovery time. Preliminary results show that plots that received one spring application of trinexapac-ethyl 230 or 200 growing degree days prior to core cultivation reduced recovery time compared to plots that received two spring applications of TE, which concluding just prior to core cultivation.

**Title:** Specialty Crops Research Initiative - Low-Input Turfgrass Using Fine Fescues

**Speaker:** Emily Braithwaite

**Video Duration:** 6 minutes

**Video Link:** <https://www.youtube.com/watch?v=-ngwFc2ifjg>

This video covers the SCRI grant for low-input turfgrass and some of the management trials being conducted at OSU.

**Title:** Anthracnose of Annual Bluegrass Putting Greens - A Summer Trial at OSU

**Speaker:** Emily Braithwaite

**Video Duration:** 7 minutes

**Video Link:** <https://www.youtube.com/watch?v=Ytwoh34iEQM>

This video reviews anthracnose on annual bluegrass putting greens, shows results from a summer research trial at OSU, and discusses spray programs for diseases of putting green turf.

**Title:** Oregon State University - School IPM Program and Turfgrass Trials

**Speaker:** Emily Braithwaite

**Video Duration:** 7 minutes

**Video Link:** <https://www.youtube.com/watch?v=u2tp8eve1w4>

This video reviews the Oregon School IPM Law and discusses cultural management trials initiated at OSU on mowing, fertilization, and irrigation.

**Title:** Effects of Nitrogen Rates and Application Dates on Perennial Ryegrass and Annual Bluegrass Competition

**Speaker:** Alyssa Cain, Graduate Assistant

**Video Duration:** 4 minutes

**Video Link:** <https://www.youtube.com/watch?v=mK2XjE1ZXR4>

Plant available nutrients within the soil often dictate the vigor of the turf and establishment of some weeds. This study looks at low, medium, and high nitrogen fertilization rates with two different yearly application schedules effects annual bluegrass encroachment. Thus far, it seems as if nitrogen fertilization rate plays a significant impact on annual bluegrass establishment on a perennial ryegrass stand.

**Title:** Effects of Irrigation Rates and Frequencies on Perennial Ryegrass and Annual Bluegrass Competition

**Speaker:** Alyssa Cain, Graduate Assistant

**Video Duration:** 3 minutes

**Video Link:** <https://www.youtube.com/watch?v=U4ayqJ6J8ds>

Watering a stand of turf deeply on infrequent intervals may not be information of the past. This study seeks to understand the best frequency and amount to irrigate during summer months in Western Oregon. The goal is to assess how irrigation influences grassy and broadleaf establishment throughout summer.

**Title**: Effects of Phosphorous Rates and Frequencies on Perennial Ryegrass and Annual Bluegrass Competition

**Speaker:** Alyssa Cain, Graduate Assistant

**Video Duration:** 3 minutes

**Video Link:** <https://www.youtube.com/watch?v=Glh2Q77n23g>

Previous research has determined that increasing P levels improve annual bluegrass growth and development when evaluated in established mono-stands or mixed stands. We took this idea a step further to see how annual bluegrass will establish when in competition with a crop such as perennial ryegrass from seed (seeded at the same time) or introduced into a mature stand of perennial ryegrass (inter-seeded).

**Title:** Long-Term Impacts of Microdochium patch Alternative Products Applications on Summer Performance

**Speaker:** Dr. Clint Mattox

**Video Duration:** 12 minutes

**Video Link:** <https://youtu.be/MLSvTctc6wk>

This video covers the long-term Microdochium patch trial conducted by Dr Clint Mattox and how these treatments impact summer performance and summer diseases. He also discusses the new Continuing Education Turfgrass Courses starting in 2020.

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Wednesday September 2, 2020 from 9 am to 11 am

Zoom Meeting Link: [https://oregonstate.zoom.us/j/91071638653](https://oregonstate.zoom.us/j/91071638653%20) Meeting ID: 910 7163 8653

GCSAA Education Points: 0.2; Oregon Department of Agriculture Pesticide Applicator Credits: 2

**Oregon State University, Department of Horticulture Speakers:**

* Alec Kowalewski, PhD. Turfgrass Specialist
* Brian McDonald, Senior Research Assistant
* Clint Mattox, PhD., Research Associate
* Emily Braithwaite, Research Assistant
* Ruying “Wrennie” Wang, PhD., Postdoctoral Scholar
* Alyssa Cain, Graduate Assistant
* Chas Schmid, PhD., Research Assistant

**8:45 to 9:00 am login period – Name and Pesticide Number Required at this time**

**9:00 am to 9:50 am – Guided Question and Answer Session – Round 1**

* Fungicides for Anthracnose
* Cultural practices for Anthracnose
* Fungicides for Microdochium patch
* Cultural practices for Microdochium patch
* Fungicides for Grey Snow Mold
* Cultural practices for Grey Snow Mold
* Integrated pest management practices for putting greens (wetting agents, plant growth regulators, topdressing, aerification

**9:50 to 10:00 am –Take Participation Poll Quiz 1 and then Break**

**10:00 am – Start second session – Name and Pesticide Number Required at this time**

**10:00 to 10:50 am - Guided Question and Answer Session – Round 2:**

* Scouting and identification of turfgrass weeds
* Herbicide selection for turfgrass weeds
* Herbicide timing, and application methods for turfgrass weeds
* Cultural practices for turfgrass weeds (mowing, fertilization, irrigation, cultivation)
* Scouting and identification of turfgrass insects
* Insecticides for turfgrass
* Insecticide timing and application methods for turfgrass
* Cultural practices for insect management in turfgrass (mowing, fertilization, irrigation, cultivation)

**10:50 –Take Participation Poll Quiz 2**

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| Athletic Field Design | Oregon Community Foundation |
| Agricultural Research Foundation | Oregon Department of Agriculture |
| AMVAC Environmental Products | Oregon Fine Fescue Commission |
| Andersons Inc. | Oregon Golf Association |
| Aquatrols | Oregon Golf Club |
| Bandon Dunes Resort | Oregon Golf Course Superintendents Association |
| Barenbrug USA | Oregon Ryegrass Commission |
| BASF | Oregon Seed Association |
| Bayer Crop Science | Oregon Seed Council Research Committee |
| Belchim Crop Protection | Oregon Sports Turf Managers Association |
| Black Butte Ranch | Oregon Tall Fescue Commission |
| Broken Top Club | Oregon Turf &Tree Farms |
| Burlingham Trust | Oregon Turf Foundation |
| Canadian Turfgrass Research Foundation | Oregonians for Food and Shelter |
| Columbia Edgewater Country Club | OSU Department of Athletics |
| Columbia Seeds, Inc. | OSU Foundation |
| Control Solutions Inc. | PBI Gordon |
| Corteva Agro Sciences | Perennial Ryegrass Commission |
| Corvallis Country Club | Petro Canada Lubricants Inc. |
| Dakota | Planet Turf |
| DLF International | Pronghorn Resort |
| DryJect | Pure-Seed Testing |
| Emerald Valley Country Club | Rainbird Company |
| Eugene Country Club | RhizoSolutions LLC |
| Fine Fescue Commission | Rocky Mountain Turf Equipment |
| FMC Corporation | Royal Oaks Country Club |
| Golf Course Superintendents Association | Scott Larsen |
| Gordon Kiyokawa | Seed Research of Oregon |
| Grain Millers | Simplot |
| Illahe Hills Country Club | Smith Seed Services |
| Intelligro | Suncor Energy Inc. |
| Jacobsen | SunRiver Resort |
| James Milroy, Milroy Golf Systems | Surfactant Solutions |
| Koch Agronomic Services LLC | Syngenta Crop Protection, Inc. |
| Linn and Benton Country Master Gardener Program | Target Specialty Products |
| Marion AG Services | Tom Cook |
| Mark Willcut | Toro Corporation |
| Melgreen/Olmix NA, Inc. | TruTurf |
| Mountain View Seeds | Trysting Tree Golf Club |
| Mycorrhizal Applications | Turf Star| Western Equipment |
| National Turfgrass Evaluation Program | Turfgrass Water Conservation Alliance |
| Nike | United States Department of Agriculture |
| Northern California Superintendents Association | United States Golf Association |
| Northwest Turf Association | Western Canada Turf Association |
| NuFarm Americas Inc. | Wilbur-Ellis Company |
| Ontario Turfgrass Research Foundation |  |

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| Turf Star | Western Equipment | OSU Turf Friends and Alumni |
| Oregon Seed Association | OSU Turf Friends and Alumni |
| Alyssa Cain | Jason Oliver Memorial Scholarship |
| Vince Romo | Whitworth Scholarship |
| Scott Johnson | Martin Scholarship |
| Alyssa Cain | OGCSA Scholarship |
| Vince Romo | Tom Cook Legacy Scholarship |
| Vince Romo | Bruce Faddis Memorial Scholarship |

**Jason Oliver Memorial Golf Tournament Champions**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **2019** | **2018** | **2017** | **2016** | **2015** | **2014** |
| Ty Patton | Kurt Wright | Kurt Wright | Tony Lasher | Scott Larsen | Akoni Ganir |
| R.O. Gomez | Corey Beelke | Corey Beelke | Ty Patton | Pat Doran | Brent Radford |
| Joel Snyder | Mike Turley | Mike Turley | R.O. Gomez | Tyler Gabriel | Scott Larsen |
| Randy Rider | Tyler Gabriel | Tyler Gabriel | Kekon Coe | Mike Turley | William Benson |
|  |  |  |  |  | John Cook |

