



Western Society of Weed Science Newsletter

12110 N Pecos Street, Ste. 220, Westminster, CO 80234

(303) 327-8016

info@wsweedsience.org

FALL 2022

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President's Report – by Joel Felix

Change is in the air! Literally. Fall season weather is bringing changes to leaf colors in most parts of the country. As harvesting winds down, tractors are crisscrossing the fields preparing grounds for next year. We just hope winter will bring enough snow to fill water reservoirs next spring and that next summer will not be as hot as summer 2022! We can only hope!

The 2022 Western Society of Weed Science Summer Board of Directors meeting was held in Boise, Idaho on August 4-5, 2022. Board members participated in-person or virtually via Zoom. As part of the meeting, the board discussed the 2023 joint meeting with the Western Aquatic Plant Management Society (WAPMS) and toured the facilities at the **Boise Centre**. The facilities tour was led by Curtis Rainbolt, WSWS President-Elect/Program Chair, George Newberry, WSWS Local Arrangements Chair, other members of the Planning Committee, and facilitated by the Boise Centre staff. The Boise Centre, our 2023 meeting venue, is modern, spacious, and within walking distance of various restaurants, recreation, and entertainment businesses in downtown Boise, Idaho. The meeting venue is across the corner from The **Grove Hotel**, where a block of rooms has been reserved to accommodate those attending the 2023 joint WSWS/WAPMS meeting from February 27 to March 2, 2023. More information about the **2023 WSWS/WAPMS joint meeting** is available online.

The Call for Papers and **title submission is available online** and we look forward to oral and or poster submissions. As always, we look forward to hosting student paper/poster presentation and we encourage students to participate in presentation contests. Also, students are encouraged to submit application packages for the **Rita Beard Endowment Foundation Scholarship and Elena Sanchez Memorial WSWS Outstanding Student Scholarship Program**.

In preparation for the 2023 WSWS meeting, please consider nominating your colleagues for various **Outstanding Weed Scientist, Weed Manager, or Professional Staff awards**. We have many members who are worthy of recognition for their contributions to the WSWS and or the weed science profession in general. Please take time and prepare a package of nomination for that colleague you find deserving.

We will keep you informed through email messages and newsletters as the 2023 joint WSWS/WAPMS meeting program takes shape. Curtis Rainbolt and the program committee are busy developing a program that promises to be educational and informative to all attendees.

The vote to elect WSWS officers (President - Elect, Research Section Chair - Elect, Education and Regulatory Chair - Elect and Treasurer) is currently open and we call and

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WSWS Annual Meeting February 27- March 2, 2023 Boise, Idaho

President's Report – CONTINUED FROM PAGE 1

encourage all members to participate in the election. The Business Manager, Eric Gustafson, provided instructions in an email message on October 24, 2022. To VOTE: [log into your WSWs membership profile](#), click the "VOTE2023!" link. This will give you access to the biographies of the candidates and the voting link. If you don't "CAST YOUR VOTE" it will not count. Please reach out with any questions, and remember voting concludes December 1, 2022.

Please do not hesitate to contact me joel.felix@oregonstate.edu, Curtis Rainbolt curtis.rainbolt@basf.com, Eric Gustafson eric@imigroup.org, George Newberry GNewberry@GOWANCO.com, any other member of the WSWs Board of Directors or WSWs Committee Chairs if you have questions related to the 2023 joint WSWs/WAPMS meeting in Boise, Idaho. We hope to see most of you in Boise, Idaho.

Joel Felix, WSWs President

Local Arrangements Report – George Newberry

The local arrangement committee would like to welcome all to the 2023 joint Western Society of Weed Science (WSWS) and Western Aquatic Plant Management Society (WAPMS) meeting to downtown Boise, Idaho on February 27 through March 2, 2023. Boise is a great community with many amenities to offer. There are multiple restaurants, breweries and recreation opportunities located near the meeting facility. The Boise Greenbelt is located 4 blocks from the hotel for a nice daily walk or run. Depending on snow levels, the Ridge to River trail system in the foothills has an extensive trail system with 190 miles of trails suitable for hiking and biking. Bogus Basin is located 16 miles out and up from Boise and offers day or night Nordic and alpine skiing.

Meeting Location:

The meetings will be held in the Boise Centre. It's a very short walk from the Grove Hotel (our lodging site). We booked the Boise Centre a few years ago when loads of social distancing was a requirement, so we will have plenty of space for both groups to meet and it will be easy to move around. The location could not be better, located downtown with over 100 restaurants and breweries within a six-block area.

Lodging:

Downtown Boise offers many lodging options, and the Grove Hotel is one of the best. Amenities include but are not limited to:

- Complimentary airport shuttle service
- Valet parking
- Complimentary high-speed Internet access
- Trillium Restaurant
- 14,000 square feet of conference venue space
- 24-hour Business Center with printing and faxing services
- Onsite covered self-parking
- Room service from Trillium
- Same-day laundry & dry-cleaning service
- Bellman
- Fitness center and complimentary guest bike rental

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Contact Us

Newsletter Editor
Carl Libbey
wswsnewslettereditor@gmail.com

WSWS Officers and Executive Committees

President
Joel Felix
Oregon State University
joel.felix@oregonstate.edu
Awards, Site Selection

President-Elect
Curtis Rainbolt
BASF Corporation
curtis.rainbolt@basf.com
Program, Poster, Publications,
Student Paper Judging, Local
Arrangements

Immediate Past President
Sandra McDonald
Mountain West Pest
sandra@mountainwestPEST.com
Fellows & Honorary Members,
Sustaining Members,
Nominations

Secretary
Joe Vassios
UPL NA, INC.
joseph.vassios@uniphos.com
Necrology

Treasurer
Phil Banks
Marathon Agricultural &
Environmental Consulting Inc.
marathonag@zianet.com
Finance

WSSA Representative
Alan Helm
Gowan Inc
AHelm@gowanco.com
Legislative

CAST Representative

Gregory Dahl
Winfield United
gkdahl@landolakes.com

**Member-At-Large -
Public Sector**

Sonia Rios
UC Cooperative Extension Riverside
& San Diego Counties
srios@ucanr.edu

**Member-At-Large -
Private Sector**

Clarke Alder
Amalgamated Sugar
calder@amalsugar.com
Herbicide Resistant Plants

Research Section Chair

Harlene Hatterman-Valenti
North Dakota State University
h.hatterman.valenti@ndsu.edu

Research Section Chair-Elect

Marcelo Moretti
Oregon State University
marcelo.moretti@oregonstate.edu

**Education & Regulatory
Section Chair**

Jane Mangold
Montana State University
jane.mangold@montana.edu
Public Relations

**Education & Regulatory
Section Chair-Elect**

Misha Manuchehri
Oklahoma State University
misha.manuchehri@okstate.edu

Local Arrangements Report – CONTINUED FROM PAGE 2

The hotel is located downtown at 245 S Capitol Blvd, Boise, ID 83702 and can be contacted at (208) 333-8000 or www.grovehotelboise.com. The meeting registration website has links to the hotel. There is also a small block of rooms available to us at the Hotel 43 located near the Grove Hotel.

Transportation:

Flying: Domestic travel to Boise Airport (BOI) is easy with direct connections to most major hubs flying on Alaska, American, Delta, Southwest and others. The Grove hotel has a complimentary shuttle to the airport and taxis and Ubers are available. Car rentals are available from most major rental agencies.

Driving and Parking:

If you choose to drive to Boise, the Boise Centre and Grove Hotel are a quick trip down Vista Ave to Capital Boulevard, which goes directly past the Grove Hotel. Take I-84 to the Airport exit and turn away from the airport and head down Vista. Vista turns into Capital (with a great view of downtown). Head down Capital past Boise State University until you see the Grove hotel on the right. The Grove Hotel has attached parking, but if you are driving a pickup don't park there as it is very small and hard to maneuver. Diamond parking services offers many sites downtown that can even fit one-ton duallies!

See you in February!

George Newberry



**RECENTLY RETIRED?
PLANNING to RETIRE?**

The Western Society of Weed Science honors our members as they retire. If you, or someone you know, has recently retired or is planning to retire, please let me know so we can recognize them at the WSWS meeting in Boise. It will be my honor as Immediate Past President to recognize their contributions to WSWS.

Sandra K McDonald
(970) 266-9573
sandra@mountianwestpest.com

Student Liaison Report – Grace Flusche Ogden

Hello WSWs Students! Can you believe it's already time for title submissions for the WSWs annual meeting? Things are certainly moving quickly and the annual meeting is shaping up to be an excellent event. I'd like to encourage all students to apply for travel scholarships to the annual meeting via the **Elena Sanchez Memorial Outstanding Student Scholarship** and the **Rita Beard Endowment Scholarship**. Applications for both of these scholarships are due on December 9th and you can find more information at [STUDENT SCHOLARSHIPS](#).

The Elena Sanchez Memorial Outstanding Student Scholarship is funded by the silent auction held at the annual meeting. It's never too early to be thinking of silent auction items to support this cause! Any donations to the auction are greatly appreciated, and if you have any questions regarding the silent auction please don't hesitate to email me. At the 2022 annual meeting there was great conversation about the prospect of trying some new, unique silent auction items and I am excited to see how our community comes together for this event!

As you work on submitting your title and abstract for the WSWs annual meeting, you will want to keep an eye on the WSWs Student Resources page for the 2023 student contest rules and judging sheets. These will be posted to the site before the annual meeting and are really helpful resources when crafting a presentation. Titles and authors are due by December 1, 2022 and abstracts are due February 6, 2023. I am always impressed with WSWs student presentations and hope to see you all presenting your work in Boise!

In other news, a few committees requested student volunteers earlier this year. I put out a call for student volunteers via email and on social media and was quickly met with plenty of help. The following students were appointed to committees in August:

- Ednaldo Borgato - Herbicide Resistance
- Joshua Miranda - Public Relations
- Het Desai – Awards
- Walker Billings - Invasive Species Ad Hoc Committee.

Thank you to all who volunteered to serve and to each committee for encouraging student involvement.

If you are interested in getting involved in WSWs, there is an opportunity to get involved in committees or run for student liaison at the annual meeting during the student luncheon. Student liaison is a two year term, with the first year spent learning the role as chair-elect. Aaron Becerra-Alvarez is our current chair-elect and will start his role as student chair at the 2023 WSWs annual meeting.

Stay up-to-date with WSWs student news by following our social media on Facebook (Western Society of Weed Science Student Section), Twitter (@WSWSstudents), or Instagram (@wsws_students).

Grace Flusche Ogden, Student Chair
gflusche@okstate.edu

Aaron Becerra-Alvarez, Student Chair (elect)
abecerraalvarez@ucdavis.edu

Business Manager

Eric Gustafson

IMI

12110 Pecos St, Suite 220

Westminster, CO 80234

info@wsweedscience.org

Constitution & Operating

Procedures

Representative

D. Chad Cummings

Texas A&M AgriLife Ext. Agent

chad.cummings@ag.tamu.edu

Webmaster & Web

Editor

David Krueger

Apex WebStudio LLC

david@apexwebstudio.com

Student Liaison

Grace Ogden

Oklahoma State University

gflusche@okstate.edu

Student Liaison Chair-elect

Aaron Becerra-Alvarez

University of California, Davis

abecerraalvarez@ucdavis.edu

Executive Director of Science Policy

Lee Van Wychen

National and Regional Weed

Science Societies

5720 Glenmullen Place

Alexandria, VA 22303

(202) 746-4686

Lee.VanWychen@WSSA.net

Publications

WSWS ONLINE

EDUCATION

WSSA Journals Website
Online

CALENDAR OF EVENTS

Canadian Weed Science Society and Canadian Society of Agronomy Joint Annual Meeting
Nov. 13 - 19, 2022
Halifax, Nova Scotia
www.weedscience.ca
www.agronomycanada.com

North Central Weed Science Society Annual Meeting
Dec. 5 – 8, 2022
St. Louis, Missouri
www.ncwss.org

Southern Weed Science Society Annual Meeting
Jan. 23 - 26, 2023
Baton Rouge, Louisiana
www.swss.ws

Weed Science Society of America and Northeastern Weed Science Society Joint Annual Meeting
Jan. 30 – Feb. 2, 2023
Arlington, Virginia
www.wssa.net
www.newss.org

Western Society of Weed Science and Western Aquatic Plant Management Society Joint Annual Meeting
Feb. 27 – Mar. 2, 2023
Boise, Idaho
www.wsweedscience.org
www.wapms.org

Aquatic Plant Management Society Annual Meeting
Jul. 24 - 27, 2023
Indianapolis, Indiana
www.apms.org

Fellow and Honorary Member Request

Dr. Edward Peachey, Committee Chair

This is a reminder that NOW is your chance to nominate deserving colleagues as a WSWs Fellow or Honorary Member! Fellows of the society are members who have given meritorious service to the Western Society of Weed Science. Honorary members are selected from individuals whose activities have been largely from outside the Western Society of Weed Science, but who have significantly contributed to the field of weed science. For additional details, see the [WSWS Summer 2022 Newsletter](#).

**NOMINATIONS FOR FELLOW AND HONORARY MEMBER PACKAGES ARE DUE BY
DECEMBER 1, 2022**

Send electronic submission to: ed.peachey@oregonstate.edu

Rita Beard Foundation Scholarship

The Western Society of Weed Science's Rita Beard Endowment Foundation Scholarship supports students and early career invasive species managers with educational opportunities by providing registration and travel funds to a professional meeting including the Western Society of Weed Science, North American Invasive Species Management Association, Western Aquatic Plant Management Society, or the Society of Range Management meetings. Go to: <https://wsweedscience.org/student-resources/> for information and details on qualifications and how to apply. The deadline for applications is December 9, 2022. Applicants will be informed by January 9, 2023. If you have questions, contact Tim Prather, WSWs Awards chair (timprather@uidaho.edu).

Elena Sanchez Memorial WSWs Outstanding Student Scholarship Program

The Western Society of Weed Science is pleased to offer the WSWs Outstanding Student Scholarship to promote greater student participation at the WSWs annual meeting and encourage new weed science research and future weed science careers. Scholarships will be awarded to three outstanding undergraduate and/or graduate WSWs student members who will attend and present at the WSWs annual meeting.

A total of \$3,000 (three \$1,000 scholarships) will be awarded to outstanding undergraduate and/or graduate WSWs student members currently conducting research relevant to weed science. The scholarship money may be used to defray research costs, as a stipend, and for travel to the WSWs annual meeting. To ensure scholarship money can be used for travel to the annual meeting, selections will be made, and participants notified of the committee's decision by January 9, 2023.

Go to: [Elena Sanchez Western Society of Weed Science Outstanding Student Scholarship](#) for information and details on qualifications and how to apply. The deadline for applications is December 9, 2022. Applicants will be informed by January 8, 2023. If you have questions, contact Tim Prather, WSWs Awards Chair (timprather@uidaho.edu).

Call for Papers and Posters

Curtis Rainbolt President-Elect/Program Chair

The 2023 joint Western Society of Weed Science (WSWS) and Western Aquatic Plant Management Society (WAPMS) meeting will take place February 27 through March 2 in Boise, Idaho at the Boise Centre. Hotel and meeting registration can be found on the WSWS website under [Annual Meeting](#). The deadline for meeting rates at The Grove Hotel and Hotel 43 is Feb 3, 2023.

The Program Committee is working with the WSWS and WAPMS Boards of Directors and members to develop a program for the joint meeting. The Program Committee wants to create a program that is engaging, unique, and valuable to all attendees of the joint WSWS and WAPMS annual meeting. We are working on a general session theme of “Water in the West” and how water ties together all areas of weed management. Program ideas or suggestions are welcome and can be sent to the Program Chair Curtis Rainbolt (curtis.rainbolt@basf.com) or President Joel Felix (joel.felix@oregonstate.edu).

Meeting registration is open and will remain open through the meeting dates.

Registration rates:

- **Early - until Dec 1, 2022: \$375**
- **Regular - Dec 2, 2022, through the meeting: \$450**
- **Student rate: \$200**

Title, abstract, and presentation key dates:

- **Title Deadline: Dec 1, 2022**
- **Abstract: Feb 6, 2023**
- **Presentation upload: Feb 13, 2023**

Title and abstract submission opened October 1, 2022. Deadline for title submission is **December 1, 2022**, but abstracts may be entered and revised any time through mid February 2023. Please follow the guidelines when entering oral paper and poster titles. In particular, please use proper capitalization and use of periods as outlined on the title and abstract submission site: [WSSA Abstracts](#). Standardizing author and organizational names will help make a smoother program. Your cooperation on this is appreciated!

All attendees are invited and encouraged to participate by presenting at least one paper or poster, and multiple submissions are welcome. WSWS will continue to have oral papers and posters divided into five projects: Weeds of Agronomic Crops, Basic Biology and Ecology, Weeds of Horticultural Crops, Teaching and Technology, and Weeds of Range, Forest, and Natural Areas. Graduate and undergraduate students are strongly encouraged to enter the student paper and/or poster contests. This is accomplished with one pull-down selection on the title submission screen. WSWS oral paper presentations will be scheduled every 15 minutes in concurrent sessions. Maintaining a timely schedule is important for those who need to move between sessions. Therefore, presentations of 12 to 13 minutes are recommended to allow time for questions and transition to the next presenter. WAPMS oral paper presentations will be scheduled every 20 minutes. WSWS Poster size should not exceed 45-inches by 45-inches.

Student Participation

Please plan on bringing your students to the meeting and encourage them to take the opportunity to participate in student oral and/or poster presentation contests and a facilitated “Student Night Out” to visit with members from the academic and industry settings.

Symposium

The program committee did not receive any proposals for a symposium. However, Jane Mangold (Education and Regulatory Section Chair) and other board members are considering a session on water management in the West and its implications for weed management. More details will follow as they become available.

Pesticide Applicator Credits at the 2023 Annual Meeting

If you are interested in securing pesticide applicator credits for your state for the 2023 annual meeting, please contact Curtis Rainbolt, Program Chair (curtis.rainbolt@basf.com), who can provide a copy of the program. An individual from each state is responsible for securing pesticide applicator credits for their respective state.

Student Paper and Poster Contest Information

Clint Beiermann, Chair

The Student Paper and Poster Contest held at the WSWS Annual Meeting provides an excellent opportunity for students to improve their presentation skills and increase visibility within the society. The winners of each division also receive a plaque and cash award to honor their achievement.

- All graduate students are encouraged to enter one paper and/or one poster in the contest.
- Undergraduate students may enter in the poster contest and will be judged in a separate section. All undergraduate students who intend to participate must notify the committee chair.
- If students entering the contest do not wish to be judged (i.e. considered for awards) but would like to receive feedback on their presentations, please notify the committee chair.
- Contest rules and scoring criteria can be found on the [Student Resources](#) page.

Judges Invitation

The judging committee is seeking non-student volunteers to participate as judges for the paper and poster competition. Volunteer judges are critical to the function and success of the student contest! Serving as a judge is an opportunity to invest in new and upcoming scientists in the society. Feedback from judges provides students an opportunity to improve their presentation skills and excel in their professional career. If you are interested in volunteering, please email the committee chair. Your help is greatly appreciated!

Attention to Advisors and Students

The WSWS Student Paper and Poster Contest committee will be enforcing the below policies. The committee is focused on making the contest a fair and enjoyable experience for all students.

- Information presented in the WSWS Student Paper and Poster Contest must be original and unique. If a topic has been used by the author in another presentation at a different weed science society meeting, additional data must be included to constitute a unique presentation.
- Oral and poster presentations entered for competition by the same person should be substantively different from each other (for example, not just changing the title or simply adding more data to the poster). There should be no overlap between the data presented in the poster and oral format by the author (if entered in a competition).
- Students attending institutions in states that are not WSWS members may participate in the student contest and are eligible for awards.
- All students entering the contest are required to submit an abstract not to exceed 250 words (word count in Microsoft Word). All abstracts exceeding 250 words will be docked points accordingly.

Current scoring criteria for the paper and poster contest will be available on the WSWS website, under the students tab. For detailed procedures of the student contest please refer to the Student Paper Judging Committee section of the Operating Procedures Guide, which can be found on the WSWS website. Please contact the committee chair if there are additional questions.

Clint Beiermann, Student Paper and Poster Judging Committee Chair
email: clint.beiermann@montana.edu

12th Annual Western Invasive Weed Short Course



The 12th Annual Western Invasive Weed Short Course will be held April 17-20, 2023 at the Sylvan Dale Guest Ranch in Loveland, Colorado.

Registration (\$850.00 by April 4, 2023; \$950.00 on April 5, 2023) includes educational program and daily refreshment breaks. Three lunches and three dinners are also included in the registration. Visit http://www.mountainwestpest.com/Past_Courses.php to learn more.

The continued partnership with the **Sylvan Dale Guest Ranch** allows us to provide some unique training opportunities. One of the truly unique features of the Short Course is the ability to have a long-term restoration plot. Sylvan Dale has worked with us to establish a fenced site where we have been able to demonstrate weed management combined with native grass establishment. A twilight weed walk on the first night is a great way to see the ranch and start learning some weeds.



The WIWSC is an intensive study of current technologies and best management practices associated with noxious and invasive weeds in the western United States. Participants gain up-to-date knowledge specific to invasive weed management with interactive sessions.

The WIWSC will include sessions on:

- Weed Management
- Live weeds
- Herbicides
- Weed Identification
- Other topics to be identified by the participants
- Time for individual interaction with instructors

Our target participants are local, state, federal government, and other land managers throughout the western region desiring a better understanding of weed management. WIWSC is designed to benefit both those new to invasive plant management and experienced professionals seeking a comprehensive update in western invasive weeds and their management.

The WIWSC instructors are members of the **Western Society of Weed Science**.

Please contact Sandra McDonald, WIWSC Coordinator, for additional information at 970-266-9573 or Sandra@MountainWestPest.com.



WASHINGTON REPORT

October 31, 2022

Lee Van Wychen

2022 Science Policy Fellow: Navdeep Godara

The Science Policy Fellowship is a unique opportunity for graduate students to assist me in my role as Executive Director of Science Policy for WSSA while gaining experience dealing with a broad array of weed science policy issues. Our second Science Policy Fellow for 2022 is Navdeep Godara at Virginia Tech.



Navdeep is a first-year Ph.D. student at Virginia Tech, pursuing his doctorate degree with Dr. Shawn Askew. Navdeep's dissertation project is focused on evaluating the effects of herbicides and other crop protection chemicals on pollinator foraging behavior, ultraviolet floral reflection, and floral nectar production in common weeds of managed turfgrass systems. In this project, he strives to develop best management practices for mitigating risk of pollinator exposure to harmful pesticides as an alternative to pesticide bans. Prior to his Ph.D., he completed his M.S. degree in Crop, Soil, and Environmental Science from the University of Arkansas under the direction of Dr. Jason Norsworthy. He received a B.S. in Agriculture from CCS Haryana Agricultural University, India. Navdeep's family is comprised predominately of farmers and distributors of crop production products. He witnessed firsthand how technology and knowledge can make the difference between success and failure in agriculture systems of Northwestern India. Navdeep wants to hone his research and communication skills in a manner that will allow him to significantly contribute to the field of Weed Science for ensuring food security on a global scale. The Science Policy Fellowship exposes him to the complex nature of science policies as he seeks his doctorate. Navdeep will be able to leverage this knowledge to improve his impact on agricultural systems throughout his career. Navdeep is thankful to the WSSA and Science Policy Committee for selecting him for this opportunity.

WSSA Comments on Atrazine Interim Registration Decision

The WSSA submitted [comments](#) on October 7, 2022 addressing EPA's proposed revisions for its interim registration review of atrazine. Among the various mitigation measures, the Agency's proposal calls for prohibiting applications in saturated fields, limiting annual application rates and requiring growers in watersheds with atrazine levels above 3.4 ppb to choose from a "picklist" of practices to mitigate runoff. It is estimated that the proposed changes would impact over 65 million acres of corn, sorghum and sugarcane.

The WSSA remains committed to cooperating with EPA to address the concern of off-field atrazine movement, and identifying practical but effective practices that are sustainable, economical, and achievable for the many growers who utilize atrazine around the country.

The WSSA would also like EPA to schedule a FIFRA Science Advisory Panel (SAP) to seek external peer review of atrazine's risks to aquatic plant communities, including the 3.4 ppb level of concern (LOC) since past ecological and scientific reviews have concluded higher LOC's for atrazine.

A huge thank you goes out to WSSA President Stanley Culpepper and Science Policy Fellow Taylor Randell for pulling together the comments and the literature review, as well as edits and reviews by Bill Chism, Anita Dille and Bill Curran. Thanks also goes to the WSSA Extension Committee members for their input.

FY 2023 Appropriations Update

The House passed a continuing resolution (CR) on Sep. 30, following passage by the Senate a day earlier, that will fund the federal government at FY 2022 levels through December 16. The federal fiscal year begins on Oct. 1.

The House has passed all 12 of their FY 2023 appropriations bills out of committee and six of 12 have passed the House in a minibus bill on July 20. However, the Senate has not passed any their 12 appropriations bills out of committee, but the text of the bills is available.

The table below includes the House and Senate appropriations for FY 2023, as well as the final appropriations for FY 2021 and FY 2022 for various Federal programs important to weed and invasive plant research and management. If there is a difference between the House and the Senate in FY 2023, the higher amount is highlighted.

	Final	Final	House	Senate
	FY 2021	FY 2022	FY 2023	FY 2023
	-----\$ millions-----			
USDA-ARS	\$1,492	\$1,633	\$1,736	\$1,756
-Herbicide resistance initiative	n/a	\$2	\$2.5	\$1
USDA-NIFA	\$1,570	\$1,637	\$1,768	\$1,691
-AFRI Competitive Grants	\$435	\$445	\$500	\$455
-Hatch Act (Exp. stations)	\$259	\$260	\$265	\$265
-Smith Lever (Extension)	\$315	\$320	\$330	\$325
-IR-4 Program	\$11.9	\$14.5	\$15	\$14.5
-Crop Protection and Pest Management	\$20	\$20	\$20	\$22
-SARE: Sustainable Ag Research & Educ.	\$40	\$45	\$50	\$50
USDA-APHIS: Cogongrass management	\$3	\$3	\$3	\$3
Army Corps- Aquatic Plant Control Research	\$7	\$8	\$11	\$14
EPA - Great Lakes Restoration Initiative	\$330	\$348	\$368	\$358
NOAA - National Sea Grant College Program	\$75	\$76	\$82	\$90
DOI - BLM: Rangeland Management	\$106	\$109	\$113	\$110
DOI - FWS: National Wildlife Refuge System: Wildlife and Habitat Management	\$240	\$250	\$282	\$261
DOI - NPS: Resource Stewardship	\$362	\$382	\$553	\$531

We continue to advocate for these programs through various means including coalitions and congressional visits and are pleased to see potential increases in the IR-4 Program and the Crop Protection and Pest Management (CPPM) program.

There is appropriations report language in both the House and Senate for a regionally focused **Herbicide Resistance Initiative** for the Pacific Northwest. In FY 2022, \$2 million was allocated to “support research to address weed management strongly affecting the long-term economic sustainability of food systems in collaboration with USDA-ARS, research institutions, and

stakeholder support". For FY 2023, we support the \$2.5 million recommended by the House appropriations committee.

There is also appropriations report language in both the House and Senate stating their concern over the rapid spread of **cogongrass** and its impact on forest productivity, wildlife habitat, and private landowners. Both the House and Senate provide \$3 million in FY 2023 *"for APHIS to partner with State departments of agriculture and forestry commissions in States considered to be the epicenter of infestations to assist with the control and treatment of cogongrass"*.

There is also two pieces of appropriations support language in the House directing APHIS for **Arundo donax** (giant reed, Carrizo cane) management, but no similar provisions in the Senate. Specifically, the House appropriations committee provides \$5 million *"for APHIS to continue to coordinate with ARS, CBP, Department of the Interior, the International Boundary and Water Commission, the Texas State Soil and Water Conservation Board, and other stakeholders on control efforts."*

On the aquatics side, the Aquatic Plant Management Society continues to advocate for the **aquatic plant control research program** in the Army Corps of Engineers. We are pleased to see increases recommended for that program in both the House and Senate. In particular, we strongly support the Senate provision that recommends \$6 million in additional funding *"for hydrilla control, research, and demonstration work in the Connecticut River basin"*.

2023 Farm Bill Update

While there is a long way to go, work is progressing on development of the 2023 Farm Bill with hearings and listening sessions taking place in Washington, DC, and around the country. Members of Congress are scheduling listening sessions in their states or districts to receive input directly from their producers and the public on priorities for the farm bill. **Recordings** of some of the sessions are available on the House Agriculture Committee website.

We are working with the National Coalition for Food and Agricultural Research (NCFAR) and the Supporters of Ag Research (SoAR) on talking points for use in support of ag research in the Farm Bill. Collectively, we are recommending an **increase of \$5 billion** allocated to agricultural research in the 2023 Farm Bill.

We have also worked with the North American Invasive Species Management Association (NAISMA) to advance **four invasive species policies** for the 2023 Farm Bill.

In addition to hearings and listening sessions, House Agriculture Committee Chairman David Scott and Ranking Member Glenn "GT" Thompson have offered the opportunity for members of the public to submit their feedback and ideas for the 2023 Farm Bill through an online form available **here**.

EPA Withdraws Glyphosate Interim Decision

At the end of September, the EPA announced withdrawal of the *Interim Registration Review Decision* for glyphosate because the Agency was not able to meet the Ninth Circuit Court of Appeals deadline of October 1 to complete an Endangered Species Act (ESA) review and conduct a new health-assessment analysis.

EPA's underlying scientific findings regarding glyphosate, including its finding that glyphosate is not likely to be carcinogenic to humans, remain the same. Herbicide products containing glyphosate can continue to remain on the market and be used according to the product label and are unaffected by this action.

EPA has determined that withdrawal of the *Interim Registration Review Decision for glyphosate* is appropriate in consideration of the Ninth Circuit's June 17, 2022, decision. EPA is unable to finalize a new ecological portion in a registration review decision for glyphosate by the court-imposed Oct. 1, 2022 deadline because of the time needed to address the issues for which EPA sought remand of for the ecological portion and satisfy ESA requirements. EPA initiated formal ESA consultation with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service for glyphosate in November 2021, and consultation is ongoing. Moreover, before issuing any decision, EPA must first prepare a proposed decision, publish for a 60-day public comment period, and consider any comments received. EPA could not complete these processes by the court-imposed deadline.

A copy of the [*Withdrawal of the Glyphosate Interim Registration Review Decision*](#) is posted to the glyphosate registration review docket at **EPA-HQ-OPP-2009-0361**.

IR-4 Completes Horticultural Crop Safety Summaries for Four Herbicides

IR-4 research examined whether over-the-top applications of dimethenamid-p, indaziflam, oxadiazon and s-metolachlor caused injury to various environmental horticulture crops when applied for pre-emergent weed management. Close to 1,700 individual research trials are represented in the summaries, which span experiments from 1972 to 2022.

This research has resulted in numerous crops being added to these labels. Some of the commonly tested crops include rose, hydrangea, evergreens (such as junipers), young trees, and herbaceous perennials (like hosta).

To view and download these summaries, please visit:

<https://www.ir4project.org/ehc/environmental-horticulture-research-summaries/>

NISAW: February 20-26, 2023

National Invasive Species Awareness Week (NISAW) will be digital again in 2023. If you have topics or issues of concern, or would like to help plan next year's NISAW, please let me know.

Lee.VanWychen@wssa.net

Lee Van Wychen, Ph.D.

Executive Director of Science Policy

National and Regional Weed Science Societies

Lee.VanWychen@wssa.net

(202) 746-4686

Publications Available from the WSWS

The following books or DVDs can be purchased from the WSWS:

Aquatic and Riparian Weeds of the West

Weeds of California and Other Western States

Interactive Encyclopedia of North American Weeds DVD

Weed Bingo

All publications can be ordered online at <https://wsweedscience.org/store/#!form/Store>. Contact the Business Manager (Eric Gustafson) at (303) 327-8016 for bulk order prices.

2022 Membership Renewal Form

To pay by credit card, please go to www.wsweedscience.org and login to your account

IF YOU DID NOT ATTEND THE ANNUAL MEETING BUT WANT TO REMAIN A MEMBER, FILL IN THE INFORMATION BELOW AND SEND \$30.00 FOR DUES TO THE ADDRESS PROVIDED.

Last name	First name	Affiliation	
Mailing address	City	State	Zip code
Phone # w/area code	e-mail address		

Classification: Student ___ University ___ Federal Agency ___ State Agency ___
Private Industry (manufacturing and sales) ___ Private Industry (consulting) ___
Unemployed ___ Retired ___ other (specify) _____

Send to: WSWS/IMI,
12110 Pecos St., Ste 220,
Westminster, CO 80234

Questions? info@wsweedscience.org or (303) 327-8016

WSWS Objectives

- ❖ To foster and encourage education and research in weed science.
- ❖ To foster cooperation among state, federal and private agencies in matters of weed science.
- ❖ To aid and support commercial, private and public agencies in the solution of weed problems.
- ❖ To support legislation governing weed control programs and weed research and education programs.
- ❖ To support the Weed Science Society of America and foster state and regional organizations and agencies interested in weed control.

Western Society of Weed Science
12110 Pecos St., Ste. 220
Westminster, CO 80234

