



NCWSS Board Meeting Agenda
Summer Meeting
July 26, 2017
7:15 pm (EST)
Iowa State Field Extension Education Laboratory
Ames, IA

Conference call information:

1-989-633-1166 **Access #:** 714 896 422

- | | |
|----------------------------------------------------------|-----------------|
| 1. Call to Order (President): | Greg Dahl |
| 2. Roll Call (Secretary-Treasurer): | David Simpson |
| 3. President Report: | Greg Dahl |
| 4. President-Elect Report: | Christy Sprague |
| 5. Vice President Report: | Aaron Hager |
| 6. Past President Report: | Anita Dille |
| 7. Executive Secretary Report: | Tara Stienke |
| 8. Secretary-Treasurer Report: | David Simpson |
| 9. Proceedings Editor Report: | Greg Kruger |
| 10. Communications Editor Report: | Vince Davis |
| 11. WSSA Representative: | Reid Smeda |
| 12. CAST Representative: | Lowell Sandell |
| 14. Director of Science Policy: | Lee VanWychen |
| 15. Strategic Planning Committee & Regional Directors | Dawn Refsell |
| 16. Extension | Chris Proctor |
| 17. Industry | Joe Wuerffel |
| 18. Resident Education NCWSS Weed Contest | Mayank Malik |
| 19. Graduate Student | |
| 18. Old Business: | |
| 15. New Business: | |
| 16. Adjourn | |

ROLL CALL July 26, 2017 Summer Board Meeting

Roll call [11 Quorum]

| Officers | Names | July 26 |
|----------------------------|-----------------|----------------|
| President | Greg Dahl | yes |
| President Elect | Christy Sprague | yes |
| Vice President | Aaron Hager | yes |
| Secretary-Treasurer | David Simpson | yes |
| Editor-NCWSS Proceedings | Greg Kruger | yes |
| Editor-Newsletter | Vince Davis | no |
| WSSA Representative | Reid Smeda | yes |
| CAST Representative | Lowell Sandell | yes |
| Past President | Anita Dille | yes |
| Executive Secretary | Tara Steinke | yes |
| Director of Science Policy | Lee Van Wychen | no |

| Directors at Large | Names | Apr. 12 |
|---------------------------|---------------------|----------------|
| Strategic Planning | Dawn Refsell | yes |
| Extension | Chris Proctor | no |
| Industry | Joe Wuerffel/Andy K | yes |
| Resident Education | Mayank Malik | yes |
| Graduate Student | Thomas Butts | yes |
| Central Region | Tim Trower | yes |
| Western Region | Brady Kappler | no |
| Eastern Region | | |

Summary of Motions:

Christy moved that NCWSS approve contributing \$400 to WSSA to help in upgrading the Title/Abstract submission website with Apex WebStudio (David Krueger). Anita Second. Passed unam.

David moved to follow Stan Cooper's recommendation to move investments from bonds to funds. Anita second motion. Passed unam

Minutes:

Meeting called to order at 7:15 CST by Greg Dahl.

John Hinz and Warren provided update on NCWSS contest. 9 schools and 79 students. 55 Volunteers.

Officer reports were given by officers present. Copy of the written reports are provided below.

Greg to send Strategic Planning a proposal to evaluate need to increase support for communications.

Agreement not to record presentations in 2017. Christy to investigate posting slides and posters as PDF files on website.

Anita moved to adjourn. Second by Dawn. Motion Passed.

NCWSS Committee and Officer Reports

President

Greg Dahl

Date of Preparation July 24, 2017

Officer/committee Activities during the Year:

It has been my pleasure to serve the North Central Weed Science Society this year. Thank you for this opportunity. I have been involved in several activities representing the NCWSS. My main responsibilities have been representing the North Central Weed Science Society, serving on the Weed Science Society of America Science Policy Committee and working with various NCWSS committees.

Resolved a complaint issue of unprofessional behavior at the annual meeting in December, 2016. The matter is now closed.

Most committee assignments and Chairpersons were updated and posted to the website by April. A few remainders have been added since.

Met with Greg Elmore 2017, Local Arrangements Chair, Christy Sprague, President Elect/Program Chair, Tara Steinke, Executive Secretary and hotel representatives at the Hyatt Regency at the Arch in St. Louis, MO on March 20 – 21, 2017 for a site evaluation and event planning for the 2017 NCWSS Annual meeting.

Conducted a NCWSS Board of Directors conference call meeting on April 12, 2016 to vote on revisions to the Manual of Operating Procedures for the NCWSS Weed Science Contest, Paper Contest and Poster Contests. The revisions were approved by the NCWSS Board of Directors. My thanks to the Resident Education committee for their work and the BOD for their approval.

Provided the NCWSS President's Message for the NCWSS Spring 2017 Newsletter.

Represented NCWSS by participating in the WSSA President's Breakfast meeting and other meetings at the Weed Science Society of America meeting in Tucson, AZ in February.

Represented NCWSS by participating in the Western Society of Weed Science meeting in Coeur d' Alene, ID in March.

Planned to participate in the NCWSS 2017 Weed Science Contest. Thanks to Warren Pierson, John Hinz and all of the Contest Committee for hosting and conducting this important event.

Signed a letter on June 17th for NCWSS of the NCWSS, WSSA and other Weed Societies response to USDA APHIS GE Regulatory Proposal: Proposed Rule on Biocontrol Agents.

Signed a letter on May 23rd for NCWSS along with WSSA, AAAS and many other organizations in support for increased funding for the FY 2018 budget request.

Science Policy Committee activities.

Participated in the Science Policy Committee meeting at the WSSA meeting on February 6th. Agenda items were: APHIS GE Crops Regulatory Proposal; Proposed Rule on Biocontrol Agents

Updating Federal and State Noxious Weed Lists; Palmer in native seed mixes, milkweed

EPA Liaison issues

Herbicide Stewardship/Resistance Management Education

Prioritizing policy issues.

Guidelines for endorsing nominees / appointees

NIFA Fellow issues-
USDA Research Funding and Objectives; Stakeholder support for increasing IR-4 funding
Aquatic / water issues
Invasive species issues / NISAW
National Weed Survey

Participated in a WSSA Science Policy Committee conference call on May 10th. Agenda items were:
APHIS's proposed revisions to its biotech regulations
FY 2017 – 2018 Appropriations Issues.
WSSA-NIFA Liaison update
Selection process for next WSSA-EPA Liaison
Capitol Hill Weed Science Seminar: "Robotic Weed Wars: a new game, new players, and new rules"- Dr. Steve Fennimore, UC-Davis.
Recommendation for WSSA Rep on APHIS Technical Advisory Group (TAG) for Biological Control Agents of Weeds?
Regulatory Accountability Act. HR 5/S 951.
The NPDES fix legislation (HR 953) was introduced in the House and Senate last week.
WSSA's overall support for the intent of EPA's herbicide resistance management proposal and our wish to see it enacted.
Multisociety Sign-on for FY 2018 Budget Request

Motions:

Defer to Christy motions (Provide up to \$3500 for purchase of Guidebook application license if needed for 2017 NCWSS program.

Provide funding for upgrade in software for Program Development in conjunction with WSSA and other Weed Science Societies.)

Discussion: Increase in communications, outreach, public relations – Needs?

President Elect – Christy Sprague

Date of Preparation: July 24, 2017

Officer/committee Activities during the Year:

I am currently working on NCWSS program. On March 21, 2017 I met with Greg Elmore (local arrangements chair), Tara Steinke, and Greg Dahl at the Hyatt Regency St. Louis At The Arch to view meeting venue and talk about changes to the NCWSS program. The meeting space will be excellent. The last NCWSS meeting at this hotel was in 2012. The St. Louis Arch and museum is currently undergoing renovations. Greg Elmore is looking into finding a keynote speaker to talk about the Lewis and Clark Expedition and the characterization of new plants. I would like to include a presentation on the Herbicide Resistance Listening Sessions from 2016-2017 – possibly Jill Schroeder.

- One possible idea to free up more time for graduate and undergraduate student paper and poster contest judging. Allow for judging through Wednesday noon prior to NCWSS Awards Luncheon, present paper and poster awards at Society Social (Wednesday night).
- **Finalizing symposia:**
 - o Equipment and Application Technologies Symposia – Ryan Edwards will lead Data management and record keeping (needs a title)
 - o Still looking at a couple of other possible symposia and organizers
 - Ideas:
 - Review of the first year of widespread use of new herbicide-resistance technologies – Extension & Weed Biology, Ecology and Management Section
 - Endangered Species Act, Litigation, and EPA Registrations
 - Herbicide Resistance Management Plans

On July 21, 2017 Tara and I had a conference call with David Krueger on setting up NCWSS Title submission site. We went through how to set this up. There are a couple of questions for the board prior to getting this site up and running.

Questions for board:

- 1) Do we still need key words for abstract submission? **(Board Recommendation is to delete)**
- 2) Would it be possible to open the NCWSS site the second week of August for prepopulating authors in title submission? (see WSSA proposal below)
- 3) Do we want to continue with recording presentations? **(Board agreed not to record in 2017)**
 - 215 total views of 2107 presentations (193 unique views)
 - Web traffic for presentations: Jan. 119 views; Feb. 25 views; Mar. 47 views; Apr. 15 views; May – July 9 views.
- 4) Do we want to consider moving the “What’s new in Industry” to after the Industry Symposia Breakfast? **(Syngenta is willing to pay of graduate students)**
- 5) We received positive verbal feedback on the GuideBook App. Do we want to continue with this app for the 2017 NCWSS Meeting? (Board agreed that this should be standard cost of Meeting. Need to look at moving responsibility for loading docs to communications)

Monsanto is planning on hosting a Graduate Student Tour on Monday, Dec. 4 prior to the NCWSS Annual Meeting.

New sections:

- Invasive weeds, rangeland, pasture, and vegetation management – Mark Renz, chair; Walt Fick vice-chair
- Consider dissolving Specialty/Minor crops and pair up with something else possibly Agronomic/Specialty Crops

Points of discussion:

WSSA has voted to update their database with Apex WebStudio (David Krueger) for \$3000

- This allows for the import of member lists with profile information (affiliation, city, etc) in popup for title submission
-
- Changes the title/abstract webpage such that co-authors are entered on a separate popup form.
- When someone logs in, it displays their profile information first thing, and requires that they confirm that it is accurate.
- There will be additional updates that will be needed for the reports as a result of these updates

WSSA is asking the four Regional Societies (NCWSS, WSWS, SWSS, and NEWSS) to split the cost to:

- Increase the size of the powerpoint slides that can be uploaded = \$500
- Add ability to enter Major Professor name for student contest submissions = \$500
- Add report for graduate student contests = \$1000

\$400 per Society for the remaining \$2000

Motions:

Request that the NCWSS approve contributing \$400 to WSSA to help in upgrading the Title/Abstract submission website with Apex WebStudio (David Krueger).

Executive Secretary Report – Tara Stienke

Date of Preparation: July 13, 2017

Executive Secretary Report for Summer 2015 Board Meeting:

The transition from Phil and Marathon Ag, to IMI has been completed. Phil continues to be a great resource and answer many questions.

Finances: The attached forms detail our financial position as well as our financial activities. Our fiscal year ends on November 30. All financial records have been transitioned to QuickBooks. NCWSS has a net worth of \$438,783.01, which is \$3261.35 more than at this time last year. We have \$31,712.81 in checking and \$83,259.72 in our money market (earning 0.3% interest). That is a total of \$114,972.53 in liquid assets. We have 5 CD's which will come due each year and be rolled over into 5 year CD's in the ladder system that the Finance Committee set forth in 2014. The Director of Science Policy support will come out this month (July 2017) for \$7,779.00. The remaining \$7500.00 for the Weeds Contest will also come out this month or next.

Stan Cooper with RBC has given the following report and suggests for our investment accounts:

Valuation:

\$110,946 12-31-15 Year end value
\$110,338 12-31-16 Year end value
\$113,260 6-20-17 Current value

Current Asset Allocation:

56.41% Bonds
31.56% Market short hedge
9.67% Stock
2.36% Cash

Recommended changes:

I would like to reduce the exposure to bonds by selling the two lowest yielding positions, FPA and Pimco Low Duration, and sell the Marketfield hedge position and then use the proceeds of these sales to buy four different global and international funds. My thinking is that the account is under exposed to growth investments and the most recent research is indicating the best values are in the international markets.

Annual Meeting: I have been working with the Program Chair and Local Arrangements Committee in preparation for our Annual Meeting in St. Louis. We set the registration fees for the 2017 Annual Meeting at the 2016 Board of Directors Meeting. The registration fees are as follows: \$275.00 for regular members, \$130.00 for students, \$170.00 for Honorary Members and Fellows. The website is set to open on August 1, 2017 (see discussion questions below). The industry breakfast will be \$45.00 per person this year. Stott Howard donated for students to attend the Industry Breakfast and we have \$2925.00 of that left for

2017 students (this would cover the cost of 65 students to attend the breakfast). I spoke with Stott and he told me that if there are more than 65 students that wish to attend, he will be happy to cover them as well.

Other Activities: I am working with Joe Wuerffel chair of the Industry Committee on the Sustaining Members.

Meeting Attendee Numbers:

| | | |
|------|------------------|-----|
| 2013 | Columbus, OH | 375 |
| 2014 | Minneapolis, MN | 401 |
| 2015 | Indianapolis, IN | 402 |
| 2016 | Des Moines, IA | 426 |

Des Moines: Total Attendance 426 (21 Fellows, 111 students, 294 regular registrations).

Discussion Items:

1. Do we want/need to have wireless internet in the meeting area for the 2017 Annual Meeting in St. Louis? There is complimentary wireless in the lobby area and in the guest rooms. The quote that we received from PSAV for Basic Wireless internet for usage for the entire week for all attendees (420 people) is \$15,135.00. **Board recommendation is to not provide Wifi.**
2. Does the Society want to keep recording presentations?
3. Title/Abstract Submission: Keyword Index on Proceedings-do we still need it?
4. Title/Abstract Submission: Delay Title/Abstract opening until second week of August to prepopulate author list.
5. Title/Abstract Submission: Upload supporting documentation, graphs, ect? Not used much at all. (Board recommendation to delete)

| | | |
|--------------------------------------------------------------------------------------------------------------------------|--------------|---------------|
| # ----- | | |
| # All Web Site Data | | |
| # Event Pages | | |
| # 20160701-20170722 | | |
| # ----- | | |
| Event Action | Total Events | Unique Events |
| /presentations/2016/160 Weed Control in the Extend Crop System.mp4 | 9 | 8 |
| /presentations/2016/116 Interaction of Soil Residual PPO-Inhibiting Herbicides and S-Metolachlor on Selection of PPO f | 8 | 8 |
| /presentations/2016/167 The Effects of Increasing Rates of Dicamba for Palmer Amaranth Control in Fallow .mp4 | 8 | 6 |
| /presentations/2016/176 Millenials in Agricultural Industry.mp4 | 8 | 8 |
| /presentations/2016/171 Palmer Amaranth, Uninvited Guest to Conservation Plantings.pdf | 7 | 6 |
| /presentations/2016/185 Technology and Intelligent Weed and Farm Management.mp4 | 7 | 5 |
| /presentations/2016/213 Application Technology Update.mp4 | 7 | 5 |
| /presentations/2016/222 Winter cover crop species, seeding rate affects winter annual weeds.pdf | 7 | 6 |
| /presentations/2016/128 Efficacy of PRE and POST applied Dicamba on Dicamba Resistant Kochia.mp4 | 6 | 6 |
| /presentations/2016/129 Transcriptome Expression Analysis of 4-hydroxyphenylpyruvate Dioxygenase Inhibitor Herbici | 6 | 5 |
| /presentations/2016/18 Investigating Potential Interactions between Soil Applied Protoporphyrinogen Oxidase Inhibiti | 6 | 6 |
| /presentations/2016/32 Scheduled herbicide applications and micro-rates -- Is there a fit in herbicide-resistant soybean | 6 | 6 |
| /presentations/2016/47 How Well Do Farmers Current Practices Fit with Upcoming Herbicide Resistant Crop Technologi | 6 | 6 |
| /presentations/2016/66 High Temperature Enhances the Efficacy, Absorption and Translocation of 2,4-D or Glyphosate i | 6 | 6 |
| /presentations/2016/79 Antagonistic effect of glyphosate and dicamba tank-mix on kochia control.pdf | 6 | 5 |
| /presentations/2016/9 Preharvest Herbicide Effects on Winter Wheat.pdf | 6 | 6 |
| /presentations/2016/108 Challenging Weeds Using Organic Practices in Soybean.pdf | 5 | 5 |
| /presentations/2016/150 Critical Cover Crop-Free Period in Corn.pdf | 5 | 5 |
| /presentations/2016/156 An introduction to Zidua PRO herbicide for soybean.pdf | 5 | 5 |
| /presentations/2016/191 Willmar Fabrication Technology Presentation.mp4 | 5 | 4 |
| /presentations/2016/197 Effects of PGRs and Mowing Management on Roadside Tall Fescue.pdf | 5 | 3 |
| /presentations/2016/223 A Draft Genome of Kochia scoparia.mp4 | 5 | 5 |
| /presentations/2016/224 Modelling Pollen-Mediated Gene Flow from Herbicide Resistant Weeds Common Waterhemp | 5 | 5 |
| /presentations/2016/84 Response of Waterhemp Populations from Nebraska to Soil Applied PSII and PPO Herbicides.pc | 5 | 5 |
| /presentations/2016/115 Dry Bean and Sugarbeet Response to Bicyclopyrone Residues.mp4 | 4 | 3 |
| /presentations/2016/145 Evaluation of Carry Over and Drift with Growth Regulating Herbicides in Armoracia rusticana.p | 4 | 2 |
| /presentations/2016/173 Science Policy Outlook for 2017.mp4 | 4 | 3 |
| /presentations/2016/186 UAS Data Analysis and Outcomes Best Practice and Use Cases.mp4 | 4 | 4 |
| /presentations/2016/193 Environmental Factors Moderate the Glyphosate-Induced Antagonism of Tank-Mix Herbicides | 4 | 2 |
| /presentations/2016/212 Investigation of Nozzle Erosion from Commercial Application Equipment, a Multi Year Approac | 4 | 4 |
| /presentations/2016/42 Laboratory Methods for Determining Volatility Potential of Herbicides.pdf | 4 | 4 |
| /presentations/2016/107 How 80 years of Soybean Breeding has Affected Competitiveness with Weeds.pdf | 3 | 3 |
| /presentations/2016/118. Integrating Soybean Row Width and a Cereal Rye Cover Crop to Manage Glyphosate Resitant f | 3 | 3 |
| /presentations/2016/118a Utilizing Geospatial Technology to Evaluate Off Target Dicamba Injury and Yield Loss in Misso | 3 | 3 |
| /presentations/2016/132 How Attitudes About Community Can Contribute to Herbicide Resistant Palmer Amaranth.mp | 3 | 3 |
| /presentations/2016/138 Physical Mapping of EPSPS Gene Copies in Glyphosate-Resistant Italian Ryegrass (Lolium pere | 3 | 2 |
| /presentations/2016/163 Glyphosate-Resistant Conyza canadensis Control in Corn, Soybean, and Wheat.mp4 | 3 | 3 |
| /presentations/2016/199 Impact of Herbicides on Saltcedar and Associated Vegetation.pdf | 3 | 3 |
| /presentations/2016/206 Effect of S-metolachlor at Various Application Rates on Sugarbeet Crop Safety as Influenced by | 3 | 2 |
| /presentations/2016/221 Do ALS-inhibiting Herbicides Have Any Value When Targeting Fields with Weeds Resistant to T | 3 | 3 |
| /presentations/2016/26 Managing waterhemp in soybeans with layered residual herbicides.pdf | 3 | 3 |
| /presentations/2016/126 Effect of Cover Crop Species and Termination Strategies on Weed Suppression in a Corn and Sc | 2 | 2 |
| /presentations/2016/168 Evaluation of Herbicide Treatments for the Termination of Common Cover Crop Species.pdf | 2 | 2 |
| /presentations/2016/59 Diverse Homoeolog Composition in Allohexaploid Wild Oat as Evidenced by Plastidic ACCase G | 2 | 2 |
| /presentations/2016/153 Managing waterhemp in soybeans with layered residual herbicides.pdf | 1 | 1 |
| /presentations/2016/35 Waterhemp control in edible lima bean production in SE Minnesota.pdf | 1 | 1 |
| | 215 | 193 |

North Central Weed Science Society
Statement of Activities
June 2017

| | Jun 17 | Dec '16 - Jun ... |
|---------------------------------------|------------------|-------------------|
| Income | | |
| 30000 - Annual Meeting Income | 0.00 | 14,698.29 |
| 30010 - Capital Gains | 93.55 | 2,473.22 |
| 30020 - Div. Income | 196.92 | 1,896.20 |
| 30030 - Interest Inc. | 0.00 | 124.44 |
| 30040 - Dues Renewals | 30.00 | 1,549.39 |
| 30050 - Royalty On Proceedings | 0.00 | 80.00 |
| 30060 - Security Value Change | 0.00 | -705.50 |
| 30070 - Student Industry Breakfast | 0.00 | 4,500.00 |
| 30080 - Sustaining Member Dues | 0.00 | 15,500.00 |
| 30090 - Weed DVD | 0.00 | 49.95 |
| Total Income | 320.47 | 40,165.99 |
| Expense | | |
| 40000 - Annual Meeting Expense | 0.00 | 41,473.19 |
| 40010 - CAST Dues | 0.00 | 1,500.00 |
| 40050 - Insurance | 0.00 | 601.52 |
| 40060 - Management Fee | 2,197.49 | 17,310.34 |
| 40070 - Merchant Account | 32.07 | 213.06 |
| 40072 - Mobile Deposit Fee | 0.00 | 3.00 |
| 40075 - Postage, Mailing Service | 0.00 | 129.09 |
| 40080 - Presidential Fund | 0.00 | 1,108.00 |
| 40090 - RBC Fee | 0.00 | 348.99 |
| 40100 - Student Awards | 0.00 | 4,220.00 |
| 40110 - Student Travel Award | 0.00 | 3,500.00 |
| 40120 - Supplies | 0.00 | 120.02 |
| 40130 - Tax Preperation | 0.00 | 758.19 |
| 40140 - Telephone, Telecommunicati... | 0.00 | 27.88 |
| 40160 - Travel to Annual Meeting | 0.00 | 918.50 |
| 40170 - Travel to IMI | 0.00 | 409.60 |
| 40200 - Web Master | 0.00 | 2,000.00 |
| 40210 - Weed Contest | 0.00 | 7,500.00 |
| Total Expense | 2,229.56 | 82,141.38 |
| Net Income | -1,909.09 | -41,975.39 |

North Central Weed Science Society
Statement of Financial Position
As of June 30, 2017

| | Jun 30, 17 |
|---------------------------------------|--------------------------|
| ASSETS | |
| Current Assets | |
| Checking/Savings | |
| 10000 · AHB - Checking - 739 | 31,712.81 |
| 10010 · AHB - MM - 705-.3-11/17 | 83,259.72 |
| 10020 · AHB - CD3 - 1.2 - 8/19 - 5yr | 44,787.69 |
| 10030 · AHB - CD4 - .902 - 8/18 - 4yr | 44,520.81 |
| 10040 · AHB - CD5 - 1.3 - 9/20 - 1Yr | 40,685.38 |
| 10050 · AHB - CD6 - 1.45 - 9/21 - 5YR | 40,482.83 |
| 10060 · AHB - CD7 - .8 - 9/17 - 3YR | 40,644.74 |
| 10070 · RBC Account | 112,689.03 |
| Total Checking/Savings | 438,783.01 |
| Total Current Assets | 438,783.01 |
| TOTAL ASSETS | <u>438,783.01</u> |
| LIABILITIES & EQUITY | |
| Equity | |
| 20000 · Fund Balance | 480,758.40 |
| Net Income | -41,975.39 |
| Total Equity | 438,783.01 |
| TOTAL LIABILITIES & EQUITY | <u>438,783.01</u> |

Respectfully Submitted,
Tara Steinke

Motions:

Secretary/Treasurer - David Simpson

Date of Preparation: July 24, 2017

Officer/committee Activities during the Year:

I collaborated with Malik Mayank to finalize the review of the proposed changes to the student contest rules with the board in February. Following the Resident Education final edits, a special conference call with the NCWSS board occurred on April 12, 2017 for the board to review and approve the final version of the student contest rules. Subsequent of the approval, the MOP was updated and the changes posted on the NCWSS contest sites and forward to the organizers of the 2017 Summer weed contest.

Motion: Move to approve the minutes from the April 12 meeting as presented below.

ROLL CALL April 12, 2017 Board Meeting

Roll call [11 Quorum]

| Officers | Names | Apr. 12 |
|----------------------------|-----------------|----------------|
| President | Greg Dahl | yes |
| President Elect | Christy Sprague | yes |
| Vice President | Aaron Hager | yes |
| Secretary-Treasurer | David Simpson | yes |
| Editor-NCWSS Proceedings | Greg Kruger | yes |
| Editor-Newsletter | Vince Davis | yes |
| WSSA Representative | Reid Smeda | no |
| CAST Representative | Lowell Sandell | yes |
| Past President | Anita Dille | yes |
| Executive Secretary | Tara Steinke | yes |
| Director of Science Policy | Lee Van Wychen | |

| Directors at Large | Names | Apr. 12 |
|---------------------------|---------------|----------------|
| Strategic Planning | Dawn Refsell | no |
| Extension | Chris Proctor | No |
| Industry | Joe Wuerffel | no |
| Resident Education | Mayank Malik | Yes |
| Graduate Student | Thomas Butts | Yes |
| Central Region | Tim Trower | Yes |
| Western Region | Brady Kappler | yes |
| Eastern Region | | |

Minutes

12:30 pm meeting. Roll Call. 12 board members present

Mayank Malik presented to the board the recommended changes to the MOP for the student paper, poster and summer weed contest. The board discussed the changes and addressed areas of concern and agreed to changes to the document.

Anita Dille made the motion to approve the changes to the MOP as reviewed by the board. Christy Sprague second the motion. The motion passed by unanimous vote.

The meeting was adjourned at 1:37 pm.

Proceedings Editor - Greg Kruger

Date of Preparation: July

Proceedings Editor Activities during the Year:

Request that abstracts be submitted by November 17, 2017.

Motions:

WSSA Representative Report - Reid Smeda

Date of Preparation: July

Officer/committee Activities during the Year:

A. WSSA Executive Board for February 2017– February 2018

| Board Membership | Name |
|------------------------------------------------|-----------------------------|
| Past-President | Kevin Bradley |
| President | Janis McFarland |
| President-elect (Program chair) | Scott Senseman |
| Vice-President | Larry Steckel |
| Secretary | Hilary Sandler |
| Treasurer | Rick Boydston |
| Members-at-Large | Daniel Kunkel, Andrew Kniss |
| Chair, Constitution and MOP | Mark Bernards |
| Director of Publications | Sarah Ward |
| Executive Secretary | IMI |
| Director of Science Policy | Lee Van Wychen |
| www.wssa.net | |

B. WSSA 2017 Summer Board Meeting occurred in Arlington, VA on July 13-14; I was absent due to participation in the ITRC meeting in NJ.

C. Information gleaned from Summer 2017 WSSA BOD meeting

1. Symposia were approved for the 2018 meeting include: Herbicide metabolism, pesticide registration, fostering sustainable programs, teaching workshop, herbicide resistance listening session, dicamba drift, and business of weed control.
2. Report by Lee VanWychen indicated projected FY 2018 budget may include no change or cuts to funding programs such as AFRI and CPPM.
3. Hawaii is being considered as a location for the 2020 WSSA Annual Meeting.
4. WSSA Journals reported latest release of Impact Factors:
IPSM = 0.952; Weed Technol. = 0.88; Weed Sci. = 1.862
The reduction in IF numbers reflect reduced submissions in the transition from Allen Press to Cambridge University Press. This transition is complete and increased visibility is expected to increase submissions.

Motions:

CAST Report- Lowell Sandell

Date of Preparation: July 26, 2017

Officer/committee Activities during the Year:

There are a few update items regarding CAST:

- The annual board of representatives meeting is scheduled for October 26 and 27 in Raleigh, NC.
- Participated in monthly conference calls on Feb 24, March 31, May 26, and July 26.
- Recent CAST publications:
 - o Why Does Bee Health Matter? New CAST Commentary (https://www.cast-science.org/news/?why_does_bee_health_matter_new_cast_commentary&show=news&newsID=23259)
 - o Crop Protection Contributions toward Agricultural Productivity (https://www.cast-science.org/publications/test/?crop_protection_contributions_toward_agricultural_productivity&show=product&productID=284599)
 - o Plant Breeding and Genetics (https://www.cast-science.org/publications/test/?plant_breeding_and_genetics&show=product&productID=284583)

Motions:

Industry Report - Joe Wuerffel

Prepared by Joe Wuerffel, July 22nd, 2017
Presented by Andy Kendig

Officer/committee Activities during the Year:

1) 2018 Sustaining Membership Drive.

- Solicitations for 2018 sustaining membership will be sent in early September.
- Depending on when mergers are finalized, there will eventually be a need to replace funds from the loss of two Gold-level sustaining members. The table below shows a count of members at each level for the last three years. Joe and Greg have discussed this and they are working on soliciting additional Bronze and Silver level members.

| Year* | Bronze | Silver | Gold | Total members sustaining | Total funds collected |
|-------|--------|--------|------|--------------------------|-----------------------|
| 2015 | 10 | 2 | 8 | 20 | \$31,000 |
| 2016 | 13 | 1 | 8 | 25 | \$31,500 |
| 2017 | 18 | 1 | 8 | 27 | \$34,000 |

*Dues are collected in advance for the next year (i.e. 2017 dues were collected in 2016, 2018 dues will be collected this year)

2) Timing of the "What's New in Industry" session

- There was discussion in December BOD meeting to move the "What's New in Industry" session to Thursday morning, immediately following the Industry Breakfast.
- This was discussed at the Industry Committee meeting in December. None of the Industry Committee members disagreed with the proposal, most though it was a good idea; however, the Industry Committee did wonder how this would impact attendance of the "What's New in Industry Session"

3) Waiving Fees for Students at "Industry Breakfast"

- In 2015 the Industry Committee wanted to encourage student participation in the breakfast.
- Stott Howard (Syngenta) provided \$2925.00 to pay for student participation in the breakfast this year. We will charge \$45 per person for the breakfast, so these funds will cover 65 students. Stott has agreed to provide additional funds if more than 65 students attend the breakfast.
- We would like to use the fall newsletter to reiterate that students can participate in the breakfast free of charge.
- Additionally, we would like to leverage the online registration to get a head count of which students plan to attend the breakfast.
- Moving forward, we are working on a proposal to fund students so they can continue to participate free of charge.

Resident Education Report - Mayank Malik

Date of Preparation: July 26, 2017

Officer/committee Activities during the Year:

- Worked with Resident Education Committee to make changes to the NCWSS contest rules. This included changes to student paper/poster contests and NCWSS weed contest. The proposed changes were presented and approved by board on April 12, 2017. These changes have been updated in MOP and posted on NCWSS website. The changes have been forwarded to the 2017 NCWSS weed contest hosts
- NCWSS weed contest will be held on July 27, 2017 at Iowa State University FEEL lab in Ames, IA. We are thankful to weed contest hosts Warren Pierson, Bob Hartzler, Mike Owen for putting up great work to make it a great contest. A special thanks to John Hinz and all the volunteers who have put up great work in developing weed contest problems for various sections and helping with the contest. A total of 80 students from 9 schools are participating in the contest. A team from UC Davis is also coming to participate in the contest.
- We had also been looking for 2018 weed contest host. Monsanto has proposed to co-host the 2018 North Central Weed Science Society Contest with the University of Nebraska – West Central Research and Extension Center in North Platte, NE. The contact for Monsanto is Brian Olson and the contact for UNL is Greg Kruger. We will hold the event on Thursday, July 26 at the Monsanto Water Utilization Learning Center. The decision will be finalized after discussion with Resident Education Committee.

Motions:

Graduate Student Report - Thomas Butts

Date of Preparation: July 21, 2017

Officer/committee Activities during the Year:

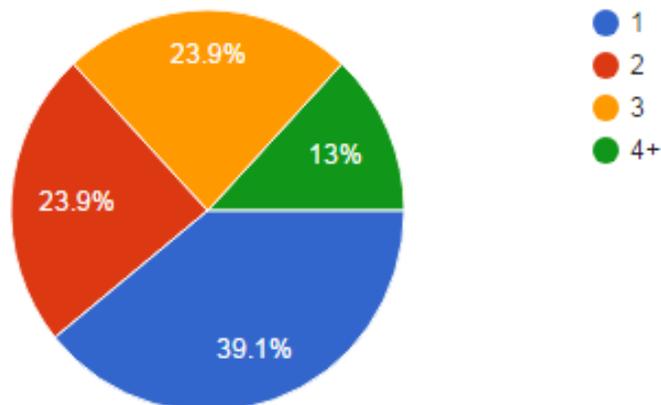
- Conducted survey of NCWSS student members to gather information regarding the NCWSS annual meeting, Weeds Contest, and other generic information. Results to be disseminated at board meeting.
- Reached out to Mayank regarding a student tour of Monsanto at the NCWSS annual meeting... local arrangements team is working on the scheduling.
- Discussion needed regarding the availability of a time slot for a graduate student symposium at the annual meeting... students had interest in having a specific, graduate student only, session covering “soft skills”, research discussion, and student poster tour. If made available annually, student vice-chair would be placed in charge of organizing event.

Motions:

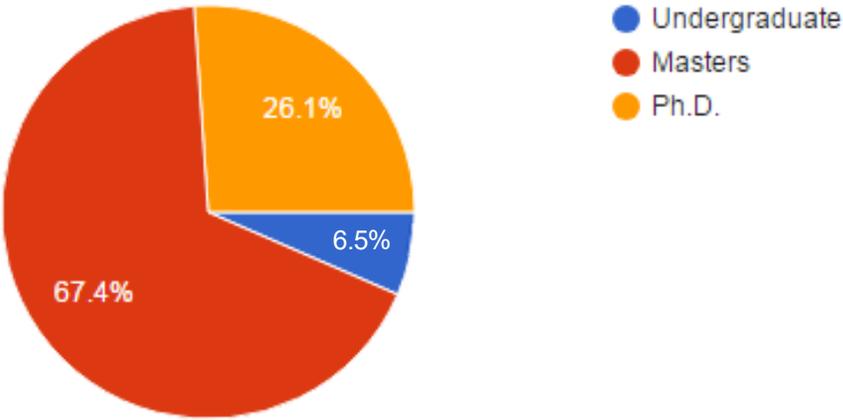
2017 NCWSS Student Survey Responses

How many years have you been a member of the North Central Weed Science Society (NCWSS)?

(46 responses)

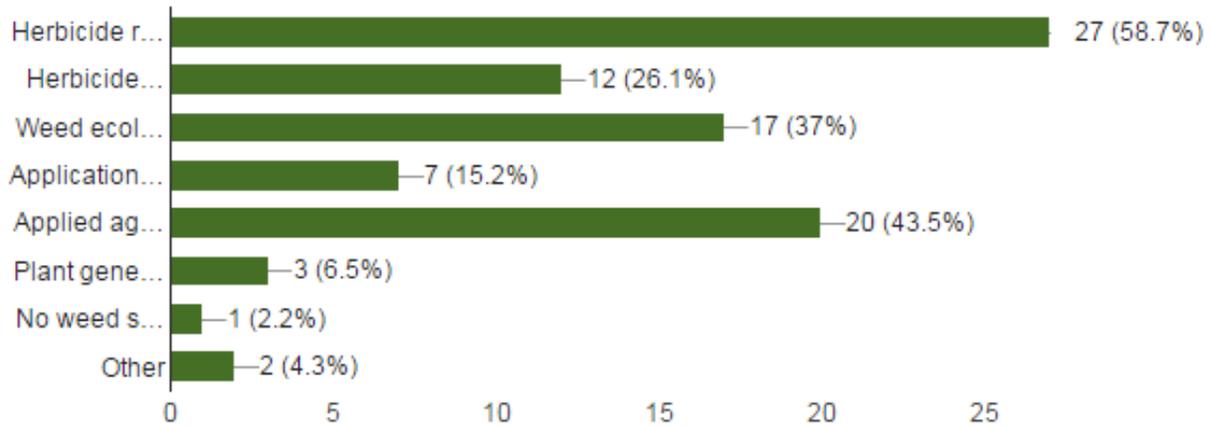


What degree program are you currently in? (46 responses)



What is your weed science research focus for your degree program? (Select all that apply)

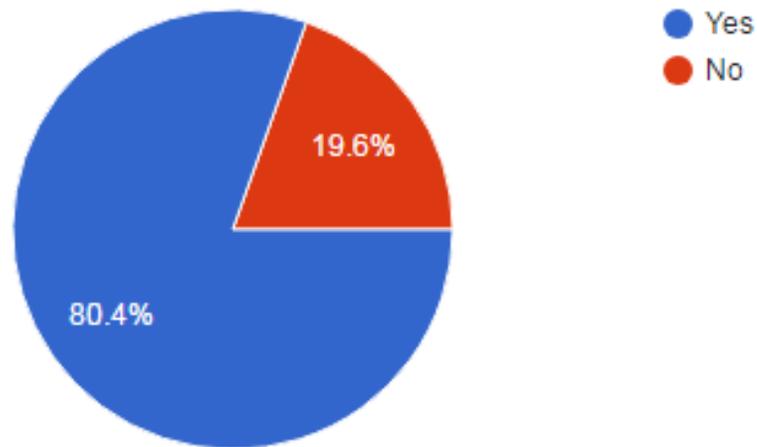
(46 responses)



- Herbicide Resistance**
- Herbicide Physiology**
- Weed Ecology & Biology**
- Application Technologies**
- Applied Agronomic Research**
- Plant Genetics & Microbiology**
- No Weed Science Focus**
- Other**

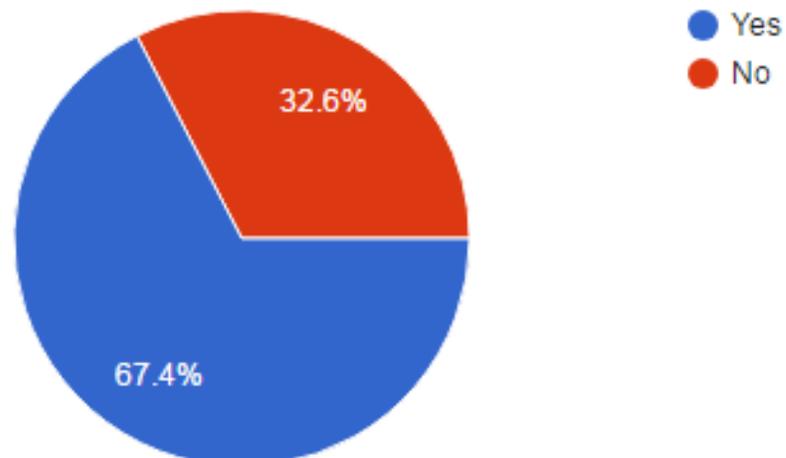
In your degree program, have you received teaching experience?

(46 responses)



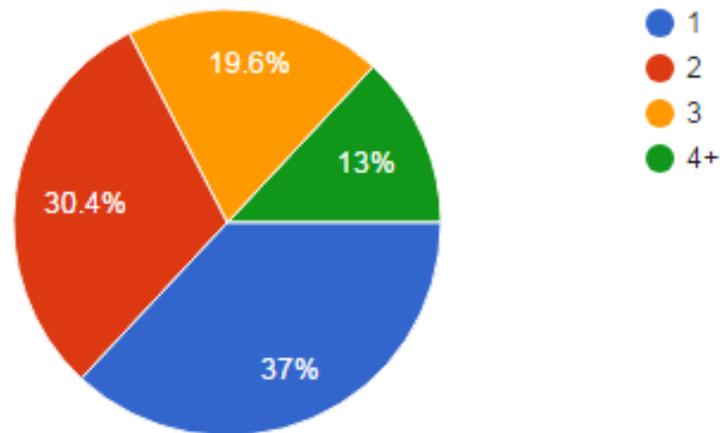
In your degree program, have you received Extension experience?

(46 responses)



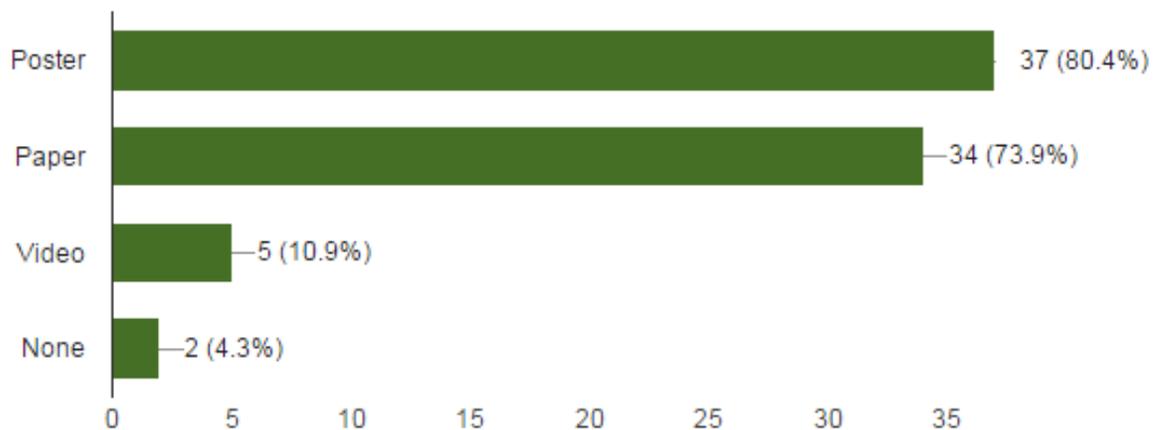
How many years have you attended the NCWSS annual meeting?

(46 responses)



Have you competed in the Student Poster, Paper, and/or Video Contests? (Select all that apply)

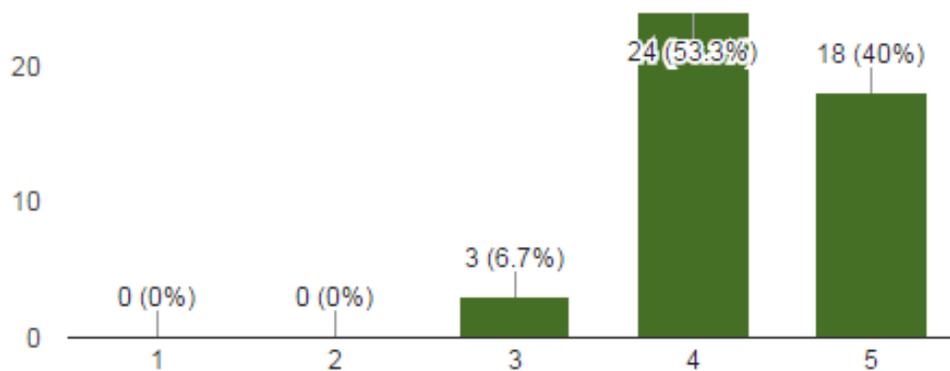
(46 responses)



How would you rate your overall Poster, Paper, and/or Video student contest experience(s)?

(45 responses)

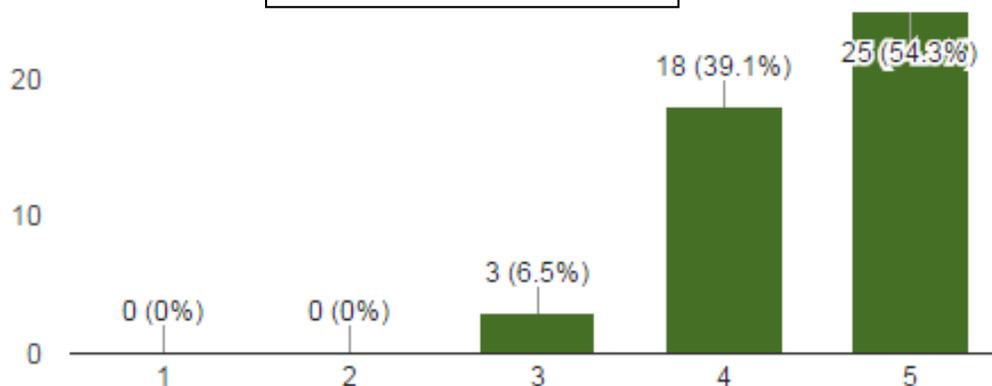
Overall Average:
4.33



How would you rate the scientific discussions and presentations at the NCWSS annual meeting?

(46 responses)

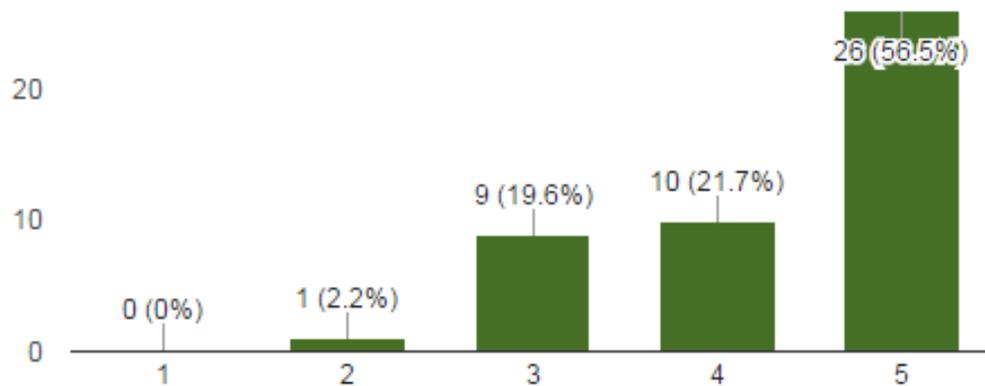
Overall Average:
4.48



How would you rate the networking opportunities at the NCWSS annual meeting (i.e. Graduate Student Luncheon, industry booths and meetings, section meetings, coffee breaks, etc.)?

(46 responses)

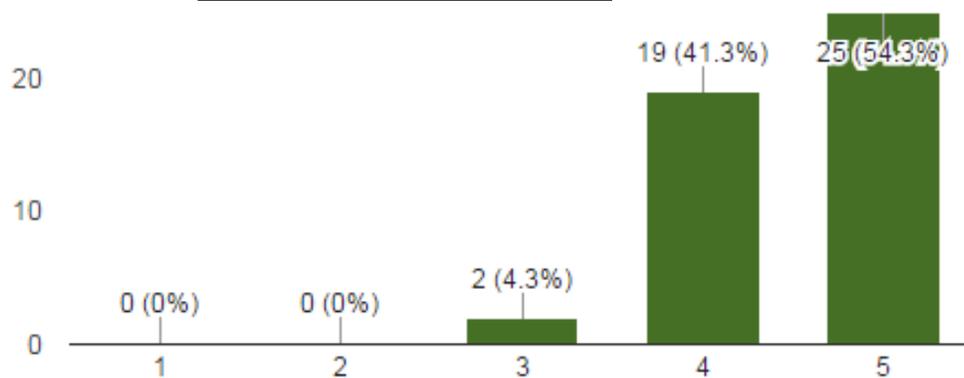
Overall Average:
4.33



How would you rate the NCWSS annual meeting overall?

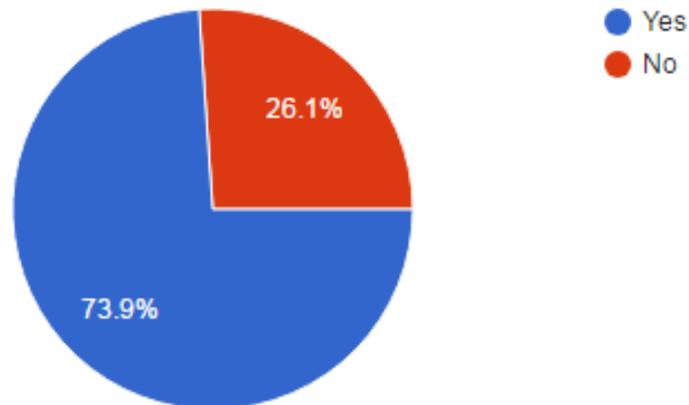
(46 responses)

Overall Average:
4.50



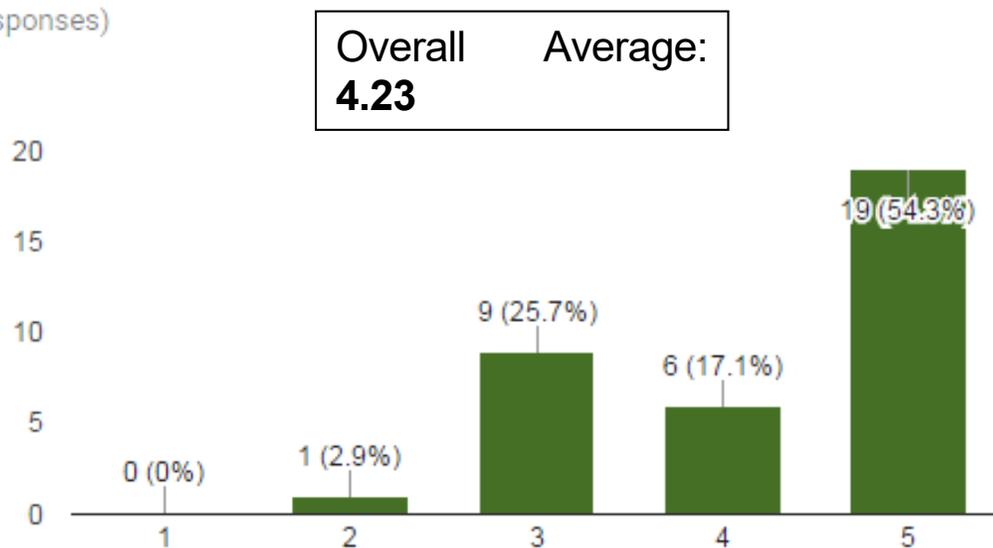
Have you competed in the annual NCWSS Summer Weeds Contest?

(46 responses)



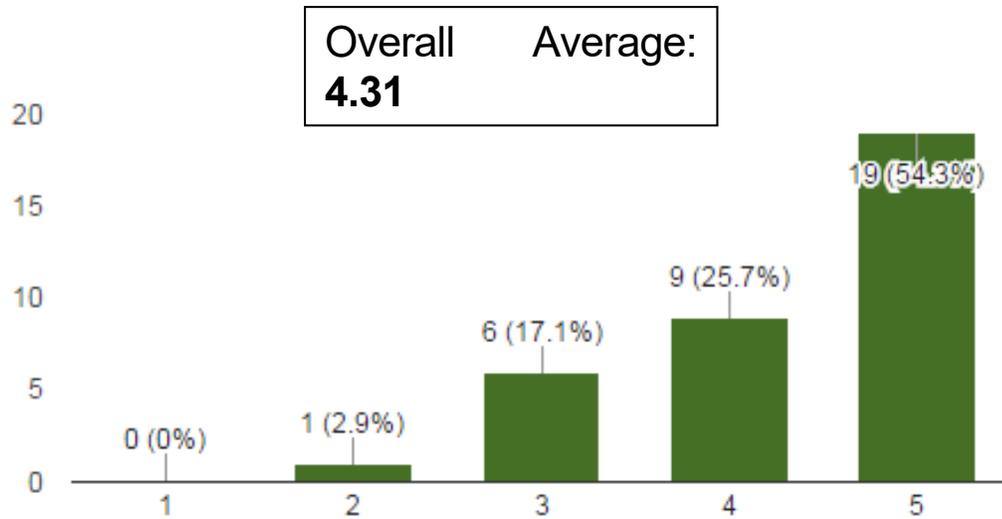
How would you rate the Weed ID Section of the Summer Weeds Contest?

(35 responses)



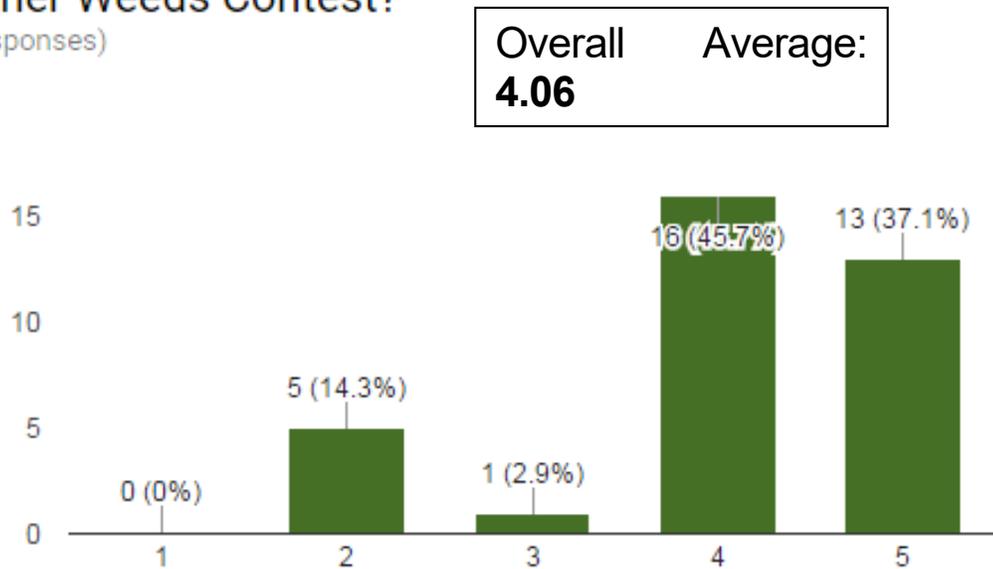
How would you rate the Unknown Herbicide Section of the Summer Weeds Contest?

(35 responses)



How would you rate the Written Calibration Section of the Summer Weeds Contest?

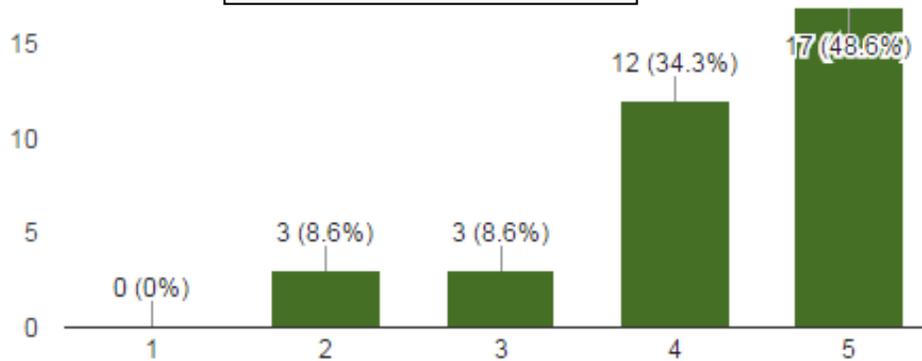
(35 responses)



How would you rate the Farmer Problem and Recommendation Section of the Summer Weeds Contest?

(35 responses)

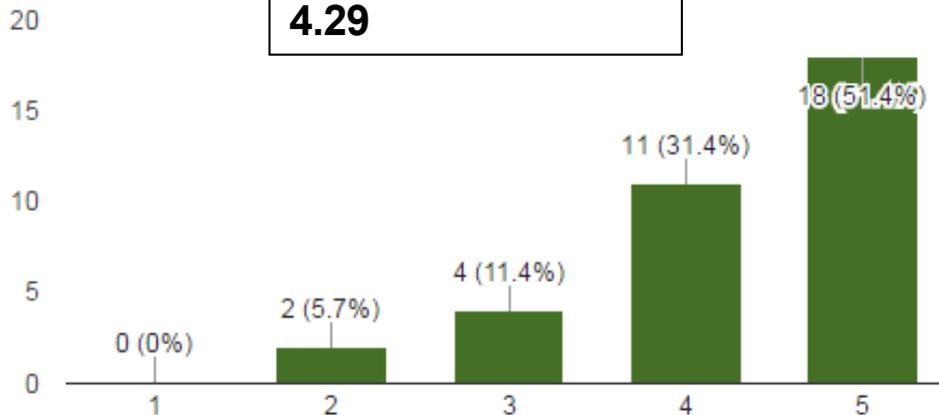
Overall Average:
4.23



How would you rate the Team Sprayer Calibration Section of the Summer Weeds Contest?

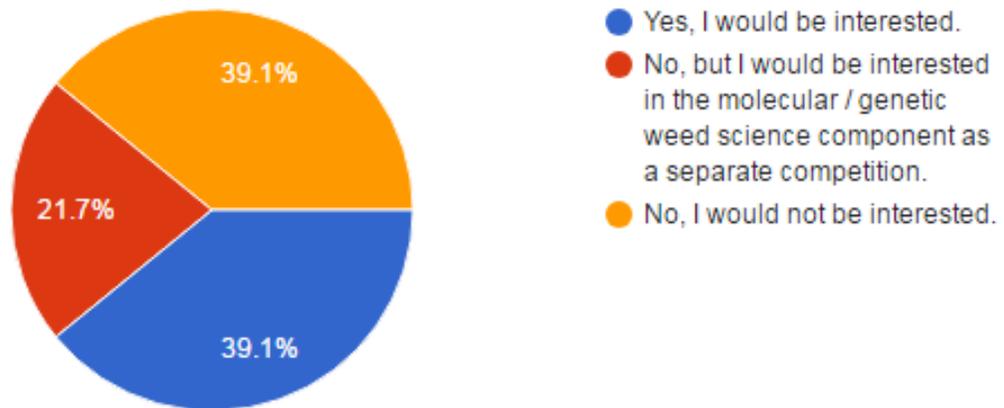
(35 responses)

Overall Average:
4.29



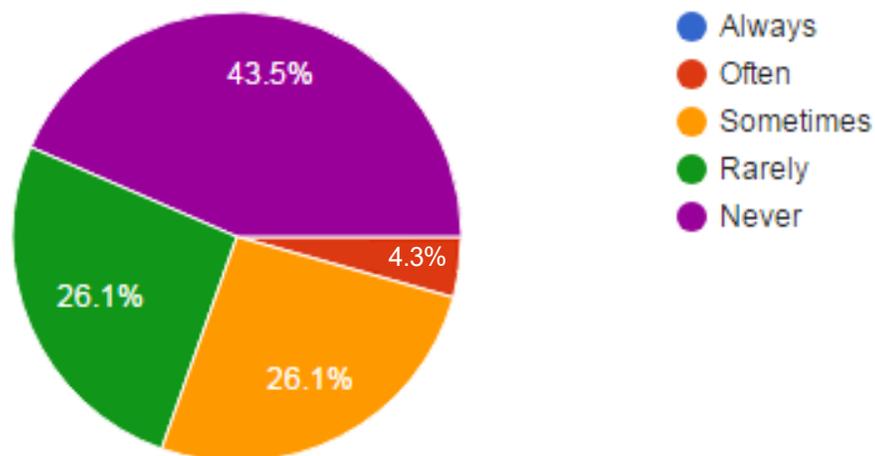
Would you be interested in an addition to the summer Weeds Contest of a contest section regarding molecular / genetic weed science components?

(46 responses)



How often do you watch the NCWSS annual meeting presentations once they are posted to the website?

(46 responses)



Extended application date

Consistent ratings from judges. No blank comment sections from judges.

Have access to score sheet beforehand and get a copy of the results.

Video contest should be more announced to students participate more

Request judges to make specific comments (both good and bad) on their score sheets, I realize this is easier said than done, but sometimes I just get a sheet back with only a final score, no written comments.

Paper: requirements that will be graded in contest should be posted online. If you are attending the meeting for the first time you do not have access to that for example.
Poster: posters should be held longer after contest so competitors have the chance to know more about other research and also share experiences. When you are in the contest is difficult to take a look at others.
Video: more than one tv showing the video and it would be available during more time so everybody can watch.
The winner should be announced together with other awards.

It would be nice if all judges explained their reasoning for particular scoring.

none

For the herbicide physiology section, there should be more of a distinction or maybe a separate category for more genetics-based presentations. I feel that this research is usually ignored simply because people aren't familiar with this material, but if there was a specific section that those who are interested could come and listen to students who are studying this area of Weed Science then the overall experience would be much more inviting for those students.

Make the Poster contest only in the mornings

Better quality poster board cut to sizes more accommodating for larger posters -2015,2016;

Every year, there seems to be some students that are supposed to be in the contest that either miss checking the box or their response is not recorded. For paper contests specifically, could there be a way to confirm that students are in the contest before the booklet is sent out. For instance, the chair of each section make sure participants from universities on Wednesday and Thursday are not wanting to be in the contest. I know this will add more time, but it would make planning each day more effectively.

That's a broad question. I wish the feedback was consistent. When one person gives me a 95 on my paper and someone else gives me 50 with no feedback or limited or just how they feel it should be done isn't very constructive.

For the paper and poster contest, do not divide the contest based on subject matter.

It would be nice if posters could stay up the entire week.

Make sure all the judges write out reasoning for scores and deductions and include constructive criticism on the score sheets. Will help us improve our presentation skills and know what to avoid.

I do not have any recommendations at this time.

Judges need not to evaluate the undergraduate poster contest so hard. Should provide constructive criticism instead of insults.

Having slightly different categories would be helpful. There is no category specific for genetic/molecular work in weeds or crops (herbicide physiology is normally as close as we get).

Submission information was a bit confusing. Some sort of syllabus of times and explanations would be useful

Most reviewers do not explain grades given in the contest.

Hello Tommy However (Now you know who wrote this my friend rsrcs). So, the NCWSS must be focused on Extension actions too. For example, you guys should create a Extension paper presentations. Some kind of presentation able to show in a simple way complex things related to weed control. Then, students must be evaluated by your capacity to make information go easy, simple and with quality. Also, you should encourage

people to create new Projects for Extension actions. We have a great example with Prof. Kruger with you Moblie PAT LAB, but I`m sure that new great ideas could come together. Let`s put the science on the field boys.

Poster: all students were supposed to be at all poster sessions, which meant we couldn't interact with other people with posters

Paper: evaluations were not very informative

Sometimes the posters are included in category that is different from the category they are present in.

Better sorting with judging groups (paper)

I don't care too much about the competition itself since the grades are still subjective in my opinion. What I do appreciate about the competition is that students will make extra efforts to present their data, therefore improving the overall meeting quality.

2. What was your best opportunity or experience at the NCWSS annual meeting?

| |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The tours always give great information on career opportunities and networking |
| Meeting through someone I already know |
| Networking at dinner and after dinner |
| Talking to company representatives at graduate student luncheon |
| Meet and greet on the first night (BASF thing) |
| Networking and feedback from paper and poster presentation |
| Graduate student luncheon is good. However none of these events provide that much networking opportunity. I feel like we need a graduate student social one night that allows graduate students the chance to get together and meet each other in a more social laid back setting. |
| The poster contest! I've both competed and judged the undergrad posters.. it is such an awesome experience to network and interact with others. Also, the women in science networking breakfast is an awesome way to meet other women and find mentors! |
| All of the industry tours I've been on have been wonderful, particularly DuPont Pioneer |
| Presenting my poster. |
| Poster discussion |
| graduate student lunch |
| The Women in Weed Science Breakfast was an amazing experience! It was great to sit with other women in Weed Science and talk about their experiences and to have them give tips for succeeding in this industry. |
| Paper presentation |
| Being able to present a paper in front of my peers |
| Meeting with industry personnel |
| The evening Social events |
| Listening to research talks relevant to my research |
| Networking |
| Listening to others present research that pertain to my interests. |
| I like all aspects. I like the mixer. I like the evenings and I always enjoy the research presented. |
| Having a joint meeting with my professor and a professor from another university to discuss future collaborative work. |
| Talking with industry folks at the end of the day. |
| The round table discussions at the DuPont Pioneer visit. |
| The socials that provide a relaxed environment to talk with others and network. |
| My best experience was presenting an oral presentation on my research. I consider myself a fairly decent speaker, but the presentation provided another great opportunity to further develop my public speaking skills. |

Women's breakfast. It has been wonderful to see this happen and meeting with other successful women in industry and academia has meant a great deal to me since I don't encounter many women at my own university. Second best is the student quizbowl. And personally, I liked the quiz bowl style better than trivia night style.

Interaction with industry

Meeting other individuals with similar interests in weed science

Women's breakfast

The networking opportunities during the meeting.

Meeting people from industry and students and profesors from other universities.

The student luncheon and women in weed science networking breakfast

meeting with people in industry

Student mixers

Really good talks

Paper / poster presentations are usually very nice experiences. Tours are also nice experiences.

