



Western Society of Weed Science Newsletter

205 W. Boutz, Bldg. 4, Ste. 5, Las Cruces, NM 88005

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Registration Deadline for the Meeting and Hotel is February 18, 2012

Winter 2012

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Report from the President by Vanelle Peterson

It seems not that long since the last newsletter. Remember that pre-registration is still open until February 18, 2012 for the upcoming 2012 WSWS annual meeting. Pre-registration will save you \$100 if you are a regular member. A savings of \$25 can be had if you are only registering for the symposium, Ecology and Management of Downy Brome in the West. There is no change in student registration fees in February – they remain at \$100. Pre-registration can be completed on-line at the WSWS website (www.wsweedscience.org). Please make your hotel reservation at the Peppermill Resort to help the society make the room block and maximize your time at the meeting.

The annual meeting will be held on March 12-15, 2012 in Reno, NV at the Peppermill Resort Hotel. Kai Umeda, Program chair, has worked on a great program with 2 symposia, one on Wednesday on *Future Trends in Tree Fruit and Vines Weed Control: The Development of Glyphosate Resistant Weed Populations in Orchards and How to Manage Effective Weed Control Programs*, and another on Thursday on *Ecology and Management of Downy Brome (*Bromus tectorum*) in the West: What can the past tell us about the future?* The symposium on downy brome will continue into Thursday afternoon so you might want to plan ahead to stay a bit longer to hear the whole symposium. Also please plan to attend the Welcome and Retirees Reception on Monday night before the meeting begins. It is a great place to meet and greet those colleagues that you have not seen for a while.

In preparation for the Board of Directors meeting Monday, March 12th, 8-5 pm, Committee chairs should send their reports to their designated Board of Directors contact by March 1. In addition, if you have items that you would like on the agenda, please contact me (vfpeterson@dow.com) by March 1.

Thank you to those individuals who nominated members for various awards. Nominations really don't take much time to complete and are a great way to recognize your colleagues. Now the anticipation builds to find out who will get which award! Find out by coming to the Wednesday award luncheon where Achievement Awards will be given for (1) Outstanding Weed Scientist – Private Sector, (2) Early Career Weed Scientist (3) Professional Staff, and (4) Weed Manager. There will also be 2 WSWS Fellows named. This is the highest award that our society gives to deserving members. It is always a pleasure to see our peers recognized for their achievements and service to WSWS and to hear their comments.

As always I enjoy serving the society and working with the great Board members and Phil Banks, Business Manager (who always keeps the society straight). It has been fun. See you in Reno!

**WSWS Officers and
Executive Committee**

President

Vanelle Peterson

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Awards, Site Selection

President-Elect

Kai Umeda

University of Arizona 4341
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kumeda@cals.arizona.edu

**Program, Poster,
Publications, Student
Paper Judging, Local
Arrangements**

Immediate Past President

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**Honorary Members,
Sustaining Members,
Nominations**

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16650 SR 536
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twmiller@wsu.edu

Legislative

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65th Annual Meeting Update by Kai Umeda, Program Chairman

The compiling and arranging of the program for the WSWS Annual meetings in Reno on March 12-15 is complete and in press. This year, we will have 78 poster displays and 85 oral presentations. Of the 185 presentations, 34 will be judged in the student paper and poster competitions.

- ✓ **Oral and poster presentation authors and symposia chairpersons, please remember that the deadline for online abstract submission is Friday, February 17.**
- ✓ **Pre-registration deadline is February 18.**
- ✓ **Peppermill Resort, Spa, Casino reservation deadline for the WSWS Conference room block is February 18.**
- ✓

Tuesday's general session will open with an address by President Vanelle Peterson followed by Lee Van Wychen's Washington D.C. update on legislative activities impacting weed science. Following will be three distinguished veteran WSWS members starting with Robert Norris, Emeritus Weed Scientist from UC Davis, who will offer a brief historical review of the first regional weed science society, our WSWS. Robert Zimdahl, Emeritus Weed Scientist from Colorado State University, will challenge the attendees about ethics and professionalism in weed science. Then, Lars Anderson of USDA-ARS at UC Davis will describe successful collaborations for effective aquatic weed management in Lake Tahoe, within spittin' distance of Reno.

The traditional Regulatory and Education Section chaired by Tim Prather will highlight weed "Impacts" on Wednesday afternoon. During this session topics of communicating the importance of weeds and their management by utilizing social media and then evaluating communications strategies will be discussed.

Two special symposia have been formulated and organized for Wednesday afternoon and Thursday. In the Weeds of Horticultural Crops Project, a special symposium, **"Tree and Vine Weed Control: New Issues and Opportunities in the U.S."** is scheduled for Wednesday afternoon. It should be very attractive to California's Central Valley tree fruit, nut, and vine growers and crop consultants for the most current information on the status of herbicide resistance and strategies for implementing effective weed control programs against emerging difficult to control weeds. On Thursday, **"Ecology and Management of Downy Brome (*Bromus tectorum*) in the West: What Can the Past Tell Us About the Future?"** was put together by WSWS members, Cynthia Brown, Ian Burke, and Jane Mangold. This symposium is included in the registration fee for all WSWS members. Please share the invitation with all land managers and owners, weed managers, and fellow weed colleagues in other organizations and associations to participate at a bargain "symposium only" rate of \$50.

Finalize your plans soon to travel to Reno to renew the camaraderie with western weed scientists and meet new members coming to WSWS in their early careers. WSWS offers many opportunities to volunteer and actively participate and contribute to the well-being of the Society. Take a look at our wsweedsociety.org website and see which of the sixteen committee's activities appeals to you most. Contact me before or at the meetings when a committee strikes your fancy and you'd like to serve your WSWS. One more thing about future meeting planning and for hallway discussions in Reno, please consider topics and organizing special symposia that could have local appeal in San Diego next year or in Colorado Springs in 2014.

**Member-At-Large
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Herbicide Resistant Plants

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Student Liaison Report by Mike Ostlie

If you are a current or perspective WSWs member and are looking for a leadership role within the weed science community, consider nominating yourself (or another person) for the student liaison position. The position is a two year commitment in which you serve as the voice of the students within the society. The first year of appointment the liaison learns the position and gets familiar with the society. In the second year, the liaison becomes a voting member on the board of directors. The process is simple. Let me know via e-mail (mike.ostlie@ndsu.edu) if you are interested and during the student luncheon on Tuesday of WSWs meeting, we will vote for a new liaison. If you are planning to attend the next couple annual meetings, I highly encourage you to consider the position.

As you make your plans for the WSWs don't forget to sign up for the Student Night Out program. This program allows students to make connections with university, government, or industry representatives from around the country in a casual, relaxed atmosphere. To sign up for the event, follow the online instructions during the meeting registration process or talk to me during the first day of the WSWs meeting.

After the meeting is over, students can claim a \$25 per night (for three nights) stipend to supplement hotel room costs at the meeting.

This year there will be a silent auction during the Monday reception. If you have any items you would be willing to donate to the auction send me (mike.ostlie@ndsu.edu) or Cameron Douglass (Cameron.douglass@colostate.edu) an e-mail. All proceeds from the event will go toward student activities and scholarships. Already there have been a few pretty good items offered for the auction. Keep it up!

I will see you in Reno!

Necrology Committee Request

Please notify the Necrology Committee if you know of any WSWs member (past or present) that may have passed away in the previous year. Thank you.

John Roncoroni, Necrology Chair
John.Roncoroni@countyofnapa.org

Kansas State Research & Extension Position Announcement

Extension Specialist, Crops and Soils (Assistant Professor, tenure-track 0 .8 extension 0.2 research). Position is administered through the Southwest Area Extension Office with the tenure home in the Agronomy Department and with research support through the Western Kansas Agricultural Research Centers. This position is available on or after April 1, 2012 and is located in the Southwest Area Extension Office, 4500 E. Mary Street, Garden City, KS 67846-9132.

FOR ADDITIONAL INFORMATION, ACCESS:

Southwest Area Extension Office – <http://www.southwest.ksu.edu>
Department of Agronomy – <http://www.agronomy.ksu.edu>
Western Kansas Agricultural Research Center – <http://www.wkarc.org>

APPLICATION DEADLINE: January 27, 2012

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Publication

WSWS ONLINE EDUCATION
<http://www.wsweedscience.org/contacts/Events/Education/factsheets.asp>

WSWS Journals Website
Online
www.WSSAJournals.org

Calendar of Events

February 6-9, 2012
Weed Science Society of
America Annual Meeting
Waikoloa, Hawaii
www.wssa.net

March 12-15, 2012
Western Society of Weed
Science Annual Meeting
Reno, Nevada
www.wsweedscience.org

Graduate Research Assistantship Announcement

PH.D. MOLECULAR, PHYSIOLOGICAL, AND ECOLOGICAL CHARACTERIZATION OF HERBICIDE RESISTANCE

The Weed and Invasive Plant Ecology and Management Group at Montana State University, Bozeman, is seeking applicants to fill one Ph.D. Graduate Research Assistantship to understand the mechanisms by which weedy and invasive species become resistant to multiple herbicides. This knowledge will improve our understanding of plant response to selection and the spread of alleles under intense selection pressure, while informing the development of proactive weed management strategies. This laboratory, greenhouse and field study will 1) Investigate the resistance spectrum, metabolism patterns, molecular biology, and genetics of multiple herbicide resistance, 2) Compare the impacts of environmental and biological stressors on the demography, ecological fitness, and primary physiology of herbicide resistance, and 3) Refine simulation models to assess herbicide resistance phenotype frequency, dynamics, and spread.

Candidates must hold a MS degree in ecology, weed science, plant science, or related field. Excellent work ethic, team player, and proficiency in English language (written and oral) are required.

Submit 1) letter of application describing career goals and research interests, 2) resume, transcripts, and 3) names, addresses, phone numbers and email addresses of three references. GRE and TOEFL scores (if required) are mandatory. Electronic applications are accepted. Applications should be sent to:

Dr. Fabian Menalled. menalled@montana.edu. (406) 994-4783 or Dr. Bill Dyer wdyer@montana.edu (406) 994-5063.

Information about the Weed and Invasive Plant Ecology and Management Group can be found at <http://weedeco.msu.montana.edu>.

MSU is located in Bozeman, an extended community of about 70,000 nestled in the Rocky Mountains, 90 miles north of Yellowstone National Park. Bozeman is renowned for year-round recreational and cultural opportunities to include access to world class ski areas, multiple blue ribbon trout streams, and the Gallatin National Forest. Bozeman boasts high-quality medical facilities, a very low crime rate, many fine restaurants, acclaimed public and private schools, a symphony orchestra and choir, an annual opera, and nationally known events. The K-12 educational system, growing reputation of MSU, and pristine natural environment make Bozeman one of America's most desirable university towns



April 16-19, 2012

Noxious Weed Short Course
Loveland, Colorado
<http://www.wsweedsience.org/shortcourse/shortcourse.asp>

May 10, 2012

National Summit on
Strategies to Manage
Herbicide-Resistant Weeds
Washington, DC
<http://nas-sites.org/hr-weeds-summit/>

June 26-28, 2012

North American Invasive Plant
Ecology and Management
Short Course (NAIPSC)
North Platte, Nebraska
<http://ipscourse.unl.edu>

2012 Noxious Weed Short Course by Sandra McDonald

Registration is still open for the 2012 WSWS Noxious Weed Short Course. The registration fee will be \$650 until February 15, 2012. After February 15 early registration will close and the fee will increase to \$750. The 2012 Noxious Weed Short Course will be held April 16-19, 2012, at the Sylvan Dale Guest Ranch in Loveland, Colorado. The registration fee provides each attendee the educational program, an electronic version of presentations, course manuals, laboratory sessions and related course materials, other supplies and daily refreshment breaks. Lodging and meals are separate and are provided by Sylvan Dale Guest Ranch. For further information please visit <http://www.wsweedsience.org/shortcourse/shortcourse.asp> or contact Sandra McDonald at 970-266-9573 or Sandra@MountainWestPEST.com.

Sandra



Sandra K. McDonald
Pesticide Safety Educator
970-266-9573

www.MountainWestPEST.com

WASHINGTON REPORT by Lee Van Wychen, Ph.D., Science Policy Director

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FY 2012 Ag Appropriations Bill Signed into Law

Three of the twelve federal appropriations bills, were passed by both the House and Senate and signed into law on the Friday before Thanksgiving. The agriculture appropriations bill was one of them (H.R. 2112 – H. Report 112-284). Its only the second time in 10 years that USDA will know its fiscal year appropriations before Thanksgiving, meaning Congress was only 2 months late. The remaining nine appropriations bills were signed into law on Dec. 23, 2011.

Given the current fiscal climate, federal programs were facing double digit reductions in many areas. It was considered a victory to get the same amount appropriated in 2012 as in 2011 (i.e. 0% change), and this was the case for three of our highest priority programs: the AFRI competitive grants program, Hatch Act, and Smith-Lever Act. The Regional IPM Centers, which were on the chopping block in FY 2011, got their funding almost back to where it was in FY 2010 at \$4.1 million. The IR-4 program, which is vital for researching minor crop weed control, took a 2% cut from FY 2011. We will work to make sure that number does not decrease any further. Other program areas that support weed science that took big cuts for FY 2012 are APHIS and ARS. We will need to provide stronger support for those programs as well.

<u>USDA Program Description</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>% Change</u>
	(in thousands of dollars)		
APHIS	863,270	816,534	-5.4
ARS	1,133,230	1,094,647	-3.4
ERS	81,814	77,723	-5.0
NASS	156,447	158,616	1.4
NIFA	1,214,798	1,202,264	-1.0
RESEARCH & EDUCATION ACTIVITIES	698,740	705,599	1.0
- Hatch Act	236,334	236,334	0.0
- Cooperative Forestry Research	32,934	32,934	0.0
- Improved Pest Mang't & Biocontrol	16,153	15,830	-2.0
Expert IPM Decision Support System	156	153	-2.0
IPM	2,410	2362	-2.0
IR-4	12,156	11,913	-2.0
Pest Mang't Alternatives (PMAP)	1,431	1402	-2.0
- AFRI	264,470	264,470	0.0
- Sustainable Ag Res. and Ed. (SARE)	14,970	14,471	-3.3
EXTENSION ACTIVITIES	479,132	475,183	-0.8
- Smith Lever	293,911	294,000	0.0
INTEGRATED ACTIVITIES	36,926	21,482	-41.8
- Section 406	29,000	14,496	-50.0
- Regional IPM Centers	3,000	4,000	33.3
- FQPA Risk Mitigation (RAMP)	\$0	\$0	n/a
- Crops affected by FQPA (CAR)	\$0	\$0	n/a
- Methyl Bromide Transition	2,000	1,996	-0.2
- Organic Transitions	4,000	4,000	0.0

NPDES Permits now Required for Aquatic Applications

Despite having a 2/3's majority support in both the House and Senate, Sen. Barbara Boxer (CA) managed to block H.R. 872 from coming to the Senate floor for a vote. H.R. 872 ensures that pesticide applications over or near water are regulated through the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) and fixes some misguided court decisions that have resulted in a duplicative and costly National Pollutant Discharge Elimination System (NPDES) permit.

On October 31, 2011, NPDES permits are now required for point source discharges from applications of pesticides. Some examples of pesticide applications that now require NPDES permit coverage are applications made to control aquatic weeds or fish, flying insects above U.S. waters, or pests present near these waters, such that it is unavoidable that pesticides will be deposited to these waters during application. NPDES permits establish conditions under which discharges may legally occur. Provided that an operator meets the conditions of their permit, the operator may be shielded from Clean Water Act-related citizen lawsuits.

Agricultural water runoff and irrigation return flow, both of which may contain pesticides, are exempt from NPDES permit requirements. Also, pesticide applications to land that do not result in point source discharges of pesticides to waters of the U.S., such as for controlling pests on agricultural crops, forest floors, or range lands, do not require NPDES permit coverage.

EPA is the NPDES permitting authority for six states (Alaska, Idaho, Massachusetts, New Hampshire, New Mexico, and Oklahoma), Washington, D.C., all U.S. territories except the Virgin Islands, most Indian Country lands, and federal facilities in Colorado, Delaware, Vermont, and Washington. The remaining 44 states and the Virgin Islands are authorized to develop and issue their own NPDES pesticide permits.

Please check the [WSSA website](#) or [contact me](#) for the most recent information about each state's requirements for obtaining an NPDES permit.

The Corps' Aquatic Plant Control Research Program Gets \$3 million

The Assistant Secretary of the Army for Civil Works, Jo-Ellen Darcy, made the poorly informed decision to eliminate funding the U.S. Army Corps of Engineers' Aquatic Plant Control Research Program (APCRP) in the FY 2012 budget. This is the nation's only federally authorized program for research and development of science-based management strategies for invasive aquatic weeds. There is no question that the work conducted by APCRP's 18 research staff has been effective, efficient, and invaluable in our nation's fight against foreign aquatic invaders. It would be a grave mistake by the Corps' to eliminate the expertise and institutional knowledge encompassed by APCRP.

We asked the Army Corps of Engineers and Congress to restore funding to \$4 million for FY 2012. While our efforts to get the funding restored by the House fell on deaf ears, the Senate Appropriations Committee included that amount in their mark-up of the FY 2012 Energy and Water appropriations bill. I am happy to report that the final conference agreement on the FY 2012 Energy and Water Appropriations bill provided \$3 million for APCRP.



National Invasive Species Awareness Week (NISAW) will be held February 26 to March 3, 2012 in Washington, DC. The week of activities will focus on strategizing solutions to address invasive species prevention, detection, monitoring, control and management issues at all levels of government from local to international scales.

WSSA is among the many public and private stakeholders working with the National Invasive Species Council (NISC) to organize education and awareness events. WSSA will host a seminar at the House Agriculture Committee featuring Dr. Rod Lym from North Dakota State University. Dr. Lym will present research data on the success of the TEAM Leafy Spurge Project in a talk titled "INVASION PERSUASION" TEAM Leafy Spurge: the successful program for defeating a wide-spread invader". TEAM Leafy Spurge was a USDA-ARS 6-year research and demonstration program that was highly effective at developing and demonstrating ecologically based integrated pest management (IPM) strategies that landowners and land managers could use to achieve effective, affordable and sustainable leafy spurge control.

EVENTS DURING NISAW INCLUDE:

- 2/26: Kid's Day at the U.S. Botanic Garden
- 2/28: Kickoff Session & NISC meeting: Department of Interior
- 2/28: Invasive Species & the Green Economy: Department of Interior
- 2/29: Prevention Day: Hamilton Crowne Plaza Hotel
- 2/29: FWS Invasive Species Branch Strategic Direction Listening Session: Hamilton Crowne Plaza Hotel
- 2/29: Capitol Hill Reception: Rayburn House Office Building
- 3/1: National Invasive Species Award Ceremony: USDA
- 3/1: State & Local Issues Session: Hamilton Crowne Plaza Hotel
- 3/1: Urban Invasive Species Workshop: Hamilton Crowne Plaza Hotel
- 3/2: Aquatic Nuisance Species Task Force Strategic Direction: NISC office

For information about registration and hotel reservations, please check the NISAW website at www.nisaw.org

NATIONAL SUMMIT ON STRATEGIES TO MANAGE HERBICIDE RESISTANCE WEEDS

Presented by the National Academy of Sciences.

Save the Date: May 10, 2012 at the Jack Morton Auditorium, George Washington University, Washington, DC. For more information, visit: nas-sites.org/hr-weeds-summit/

Reno Area Attractions

Reno

The hub of Northern Nevada, Reno may be a short drive from anything you could want, but it is far from expected and is much more than a bustling city adventure. Besides boasting several activities within the city limits themselves, once you're here, you're less than an hour away from all that Northern Nevada has to offer.

Within an hour's drive, there are 15 ski resorts, Lake Tahoe, the state capital Carson City, thousands of mountain biking and hiking trails, several lakes that are perfect for fishing and boating, and the entire length of the Truckee River, which runs right through the center of Reno's downtown. Couple those activities with Reno's hotels and gaming, plus a growing nightlife, and you have the perfect place to put up for a few days and enjoy some recreation. For more information about Reno please visit <http://www.visitrenotahoe.com/destination/reno/>.

Sparks

Just east of Reno, Sparks (the newly dubbed "Festival City"), brings a wide array of events and attractions. The [Hometown Farmers Market](#), [Star Spangled Sparks](#), [Nugget's Best in the West Rib Cook-off](#), [Hot August Nights](#) and [Hometown Christmas](#) are just a spattering of the events that attract thousands of attendants yearly. Sparks has come a great distance from its unassuming railroad roots. It has gained a distinguishing name as a leading special event venue, with annual attractions that draw hundreds of thousands of attendees. For more information about Sparks please visit <http://www.visitrenotahoe.com/destination/sparks/>.

Lake Tahoe

Just 30 miles southwest of Reno rests the jewel of the high Sierra - Lake Tahoe. Boasting stunning scenery, Lake Tahoe has been selected the #1 most popular destination in the United States. With crystal clear waters that draw the eye and a variety of beach and mountain activities, Tahoe has what the outdoorsmen in all of us crave. At 6,229 feet above sea level, Lake Tahoe is the highest lake of its size in the United States, measuring 22 miles long by 12 miles wide, has a surface area of 191 square miles and an average depth of 989 feet and 72 miles of shoreline. For more information about Lake Tahoe please visit <http://www.visitrenotahoe.com/destination/lake-tahoe/>.

Virginia City

About 20 miles southeast of Reno lies a little bit of history in Virginia City. Most famous for the Comstock Lode, mining took place here for several decades in the mid 1800s. It now stands as a historic town with much of the history still intact today. Travel down into a mine, take a ride on a steam engine tour, or visit a 19th century schoolhouse in this charming step back in time. Virginia City became a highly urbanized, industrial setting and by the early 1870s, together with its smaller neighbor, Gold Hill, reached a population of nearly 25,000, becoming one of the nation's larger communities and home to Samuel Clemens (aka Mark Twain). For more information about Virginia City please visit <http://www.visitrenotahoe.com/destination/virginia-city/>.

Carson City

A 30 minute drive from Reno, Carson City is the state capitol of Nevada, and has been the Nevada capital since the Nevada Territory was established in 1861. While it doesn't have the size or reputation of Reno, Carson City does provides interest and enjoyment to visitors by virtue of its frontier architecture and historical attractions. Adults and children are easy to keep busy here.

Truckee, Ca

Truckee was named after a Paiute chief. His Paiute name was Tru-ki-zo. He was the father of Chief Winnemucca and grandfather of Sarah Winnemucca. The first people who came to cross the Sierra Nevada encountered his tribe. The friendly Chief rode toward them yelling "Tro-kay!", which is Paiute for "hello". The settlers assumed he was yelling his name. Chief Truckee later served as a guide for John C. Fremont. For more information about Truckee please visit <http://www.visitrenotahoe.com/destination/truckee>.



New release!

This award winning DVD-ROM includes:

- 690 weed species with descriptions and maps
- Over 4,300 photographs
- interactive identification key to all weeds in the program
- extensive interactive educational lessons, quizzes, and games on the principles of plant identification
- illustrated glossary of 595 botanical terms, and
- “*Intriguing World of Weeds*” articles on the history, impacts, and uses of weeds throughout recorded history.

New! Version 4.0
Now compatible with 64-bit Windows Vista and Windows 7

Visit the On-line Demo at:
<http://www.thundersnow.com/weedid.htm>

Price: New copies are \$49.95 each + \$5.00 S&H US, or \$10.00 S&H international each.

Name _____ Department/Organization _____ _____ Address _____ City _____ State/Province _____ Zip/Postal Code _____ Country _____ Phone _____ e-mail _____	Windows® DVD
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Send check with your order to: Western Society of Weed Science (WSWS), 205 W. Boutz Rd, Bldg. 4, Ste 5, Las Cruces, NM 88005. To order by credit card go to: <http://www.wsweedscience.org/> and click on the Online Store, then Multimedia or call 575-527-1888.

WSWS REGISTRATION FORM
65th ANNUAL WESTERN SOCIETY OF WEED SCIENCE MEETING
Peppermill Hotel, Reno, NV

(see Business Mgr. Notes in Newsletter or at www.wsweedscience.org for room booking details)
MARCH 12-15, 2012

Deadline: Mail-in registration must be postmarked by February 18, 2012. **PAYMENT MUST ACCOMPANY REGISTRATION-NO EXCEPTIONS.** Check or Money Order (U.S. Dollars) Only. Credit card payments may be made with online registration or call 575-527-1888. Visit: www.wsweedscience.org No refunds after March 1, 2012.

<u>Registration</u>	<u>Mail by 2/18/10</u>	<u>After 2/18</u>	<u>Total</u>
_____ Regular meeting (includes symposium)	\$ 230.00	\$ 330.00	_____
_____ Student (includes symposium)	\$ 100.00	\$ 100.00	_____
_____ Symposium (Thurs.) (Ecology and Management of Downy Brome in the West: What can the past tell us about the future?) (see website for details)	\$ 50.00	\$ 75.00	_____
_____ Spouse	\$ 30.00	\$ 30.00	_____
	Total Remittance	\$	_____

Note: Onsite registration at the meeting is at the higher rates noted above. Go to www.wsweedscience.org for more information on the Symposia. Full program will be posted at the website in mid January.

IF NOT ATTENDING, BUT WANT TO REMAIN A MEMBER, FILL IN THE INFORMATION BELOW AND SEND \$ 30.00 FOR DUES \$ _____

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

Name Desired on Badge	Spouse name (if registering)
Classification: Student ___ University ___ Federal Agency ___ State Agency ___	
Private Industry (manufacturing and sales) ___ Private Industry (consulting) ___	
Unemployed ___ Retired ___ Other (specify) _____	

Send to: WSWS/Phil Banks
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