

APRIL 2011 NEWSLETTER OFFICERS 2010-2011

President Vice President Secretary Treasurer Past President

Darwin Hinrichs Joseph May Stephen L. Young Dave Langemeier Kris Ethridge

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2011 NORTHERN PLAINS WORKSHOP HELD IN MANDAN, NORTH DAKOTA Anita Nein - SWCS Board of Directors, Northern Plains Director

All six states were represented at the Soil and Water Conservation Society (SWCS) Northern Plains Workshop that was held on March 10-12, 2011 in Mandan, North Dakota. The weather was very nice for the trip to and from the workshop for the 39 participants. The technical workshop, "Soil Critters & Waste," hosted and presented by the North Dakota SWCS chapter under the chairmanship of Lena Bohm was terrific! The workshop began Thursday evening at the North Dakota Heritage Center with a superb paleontology/geology showing. On Friday the meeting was held at the Agricultural Research and Extension Center in Mandan. Blizzard conditions limited the amount of field visits, but the presentations were outstanding and the participants did get snowcovered trotting around the campus to view the on-going projects. However, the blizzard did not stop the lunchtime barbecue of steaks with all the trimmings.

The banquet was held Friday evening at the Best Western Seven Seas Hotel with a speaker describing "Bakken Black Gold", the extensive oil development in Northwest North Dakota. The Saturday morning successful business meeting included reports on chapter activities in the future, discussion of chapter reports presented by the SWCS International Committees, chapter presidents or their representatives. Also included was an update of the developing student chapter at the University of Wyoming in Laramie, Wyoming. The next Northern Plains Workshop will be held in Colorado March 2012.



Attendees of the 2011 Northern Plains Workshop enjoyed paleontology/geology exhibits at the Heritage Center.



opportunity to network.

PRESIDENT'S MESSAGE **Darwin Hinrichs - President**

The Northern Plains meeting in Mandan, North Dakota was excellent. It was good to hear from and visit with our National Executive Director from Ankeny, Jim Gulliford. Nationally, everyone needs to do a better job at submitting applications for national awards. This year only 18 of our 56 chapters submitted applications and only five applications were received for the scholarships. Besides having us submit more applications additional ideas presented by Northern Plains chapters were to plan meetings for only one or two topics and not try to cover multiple topics, give scholarship winners a free one year membership to SWCS, send newsletters to our Northern Plains states and promote SWCS with Earth Day bracelets and making "dirt babies" with kids.

A great 2011 Annual International SWCS Conference is being planned for July 17-20 in Washington, D. C. This would be a great time to visit the many sites in Washington, D.C. and attend a great conservation meeting. Please consider attending if your schedule permits.

SWCS STUDENT SCHOLARSHIP WINNERS - UNL **FOUNDATION DECEMBER 2010 David Langemeier - Treasurer**

The Nebraska Chapter of the Soil and Water Conservation Society has a scholarship fund at the University of Nebraska - Lincoln Foundation. The earnings on this investment fund enabled us to award two \$750

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scholarships in December 2010. The 2010-2011 scholarship winners are Matt L. Zvolanek and Joseph P. Schumacher.

Matt is a freshman majoring in Agronomy with the Soil Conservation option. He grew up on a farm in Southeast Nebraska. His hobbies include hunting, fishing, gardening and Husker football and he has been actively involved in 4-H activities. Matt is familiar with conservation activities: CRP acres on his dad's farm, a mother that works for the Natural Resources Conservation Service (NRCS) and relatives that build and repair many conservation practices. He has worked two summers as a Soil Technician assistant for NRCS. He states "I believe natural resources are important, not just for the present, but for the future, too. If we let these precious materials slip away, there is no telling what kind of devastation could happen. They are irreplaceable." He hopes to work for the NRCS full time.

Joseph is a junior majoring in Grassland Ecology and Management. He grew up on a ranch North of Ainsworth and graduated from Ainsworth High School where he was an active member of the FFA chapter. As a senior at the State FFA Convention he came into contact with NRCS at the career fair. He picked up an application for a scholarship and the internship program NRCS offered. He was selected as a candidate for the NRCS Student Career Experience Program and has worked there part time for two years. After graduation, he would like to take a position as a Range Management Specialist or a Soil Conservationist with NRCS. The family ranch is also a potential career option. He states that "in the Sandhills, a landowner has to be a good steward to the land if they want to be profitable... It doesn't take many years of overgrazing or improper tillage to go out of business." Rotation grazing systems and no-till farming are used on the family ranch.

The Nebraska SWCS chapter is pleased to announce these two scholarship winners. Please congratulate them when you see them and encourage them as they pursue careers in the natural resources field.

NEBRASKA FOUNDATION ANNOUNCES 2011 SCHOLARHIP WINNERS

Paul D. Smith – Foundation Committee Chairman & Nebraska Foundation Treasurer

"The Nebraska Soil & Water Conservation Foundation has announced the 2011 winners of college scholarships for the 22nd consecutive year and for the first time we awarded three scholarships" according to President Kris Reed.

The winner of the 2011 Tina Carlson - Lorentzen Family Memorial Scholarship is Tad Judge. Tad is from Emmet, Nebraska and was President of the FFA Chapter and played football at West Holt High School. Tad is a member of the University of Nebraska - Lincoln Rodeo Club. He is majoring in Grassland Ecology & Management at the University. Tad works for the NRCS as a Student Trainee and plans to work full time for NRCS after graduation.

Kelly Troester a sophomore at Chadron State College is the winner of a 2011 Nebraska SWCS Foundation Scholarship. Kelly grew up on a ranch in Dawes County, Nebraska and is majoring in Range Management maintaining a 4.0 grade point average. He continues to run track in college. Active in 4-H work at home, he has a strong interest in sustaining conservation of our natural resources.

Sam Barnes is a 2011 Nebraska SWCS Foundation Scholarship winner. Sam is a sophomore from Bellevue with an interest working in the natural resource conservation field. He is a graduate of Bellevue West High School and has attended the University of Nebraska – Omaha and is now taking classes at the University of Nebraska – Lincoln. He will be a full time student in the fall of 2011 at the University of Nebraska - Lincoln. He has an interest in biology, plant ecology and landscape management.

Members of the Nebraska SWCS make scholarship funds available. Members of the society made scholarship presentations. "We have strong support from our members for our long standing scholarship program" concluded President Reed.



The winner of the 2011 Tina Carlson - Lorentzen Family Memorial Scholarship is Tad Judge and Foundation President Kris Reed.



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Robin Foulk presenting Kelly Troester with a 2011 Nebraska SWCS Foundation Scholarship.



Paul D. Smith and 2011 Nebraska SWCS Foundation Scholarship winner Sam Barnes.

2011 NEBRASKA SWCS LEGISLATIVE BREAKFAST Sarah Reece

The Nebraska Chapter of the Soil and Water Conservation Society held 28th Annual Legislative Breakfast January 26, 2011 in Lincoln. There were 18 people present at the breakfast representing the Nebraska Department of Natural Resources, Nebraska Department of Agriculture, Natural Resources Districts, Natural Resources Conservation Service, state senators, legislative aide and United States congressional aide.

Craig Derickson, Nebraska Natural Resources
Conservation Service (NRCS) State Conservationist, was
the guest speaker for the legislative breakfast. Mr.
Derickson led a discussion about resource needs and
accomplishments in Nebraska as well as discussing
NRCS and SWCS relationships. The topics prompted
interaction from the group bringing up discussions on
advances in conservation technology, no-till, conservation
workload, NRD success and Farm Bill programs.
Among those in attendance at the breakfast were
Nebraska SWCS Foundation Scholarship winner Sam

Barnes and the winner of the Tina Carlson - Lorentzen Family Memorial Scholarship Tad Judge. The new SWCS banner was displayed at the Legislative Breakfast and will be a good addition for other chapter activities. A special thanks to Kris Reed, Craig Romary, and Dave Langemeier for the hard work and dedication that made the meeting a success.



Craig Derickson, Nebraska Natural Resources Conservation Service (NRCS) State Conservationist, was the guest speaker at the legislative breakfast.

NEW SWCS BANNER IN NEBRASKA Dave Langemeier - Treasurer

The new SWCS banner has arrived and has been put to use at several events throughout Nebraska. The banner looks very nice and will be a good addition for our chapter activities. It was used January 10-14, 2011 in the Capitol for the Groundwater Foundation's Wellhead Protection Week and was set up at the Legislative Breakfast January 26, 2011. The banner is available to use statewide for events where SWCS can be promoted. Contact Craig Romary to reserve the new banner.

Several members have made donations to help pay for the banner. If anyone is interested in doing likewise, your donation can be sent to David Langemeier, Chapter Treasurer, at 700 North 81, Lincoln, NE 68505.

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DIG IT! - A SUCCESS! Craig Romary

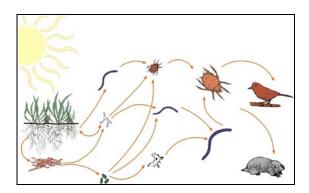
The Nebraska Chapter SWCS Board would like to extend a big "thank you" to our members and partners for the help received in promoting the Dig It: Soils Exhibit, featured last fall at the Durham Museum in Omaha. With help from Durham staff, Nebraska SWCS was given several thousand information cards to distribute and a portable banner display. The banner was displayed at 12 events or locations over approximately 90 days, including

the Nebraska State Fair, Husker Harvest Days, the state NRCS personnel meeting, the Nebraska RC&D Association conference, regional no-till meetings, UNL Hardin Hall, the Federal Building and Nebraska State Office Building in Lincoln. Email announcements were sent to our members, partners, neighboring state chapters, educators and FFA advisors. In addition, several Nebraska Chapter members volunteered their time as educational docents and instructors for the kids, parents and educators visiting the exhibit. Durham was pleased to report that approximately 39,000 people visited the museum during the time of this exhibit, which is comparable with exhibits shown during this time of year in the past. In addition, they were pleased with the number of school groups attending the exhibit as a part of their educational field trips. Thanks again!



SOILS - THE FOUNDATION FOR ALL OTHER RESOURCES Verlon Barnes

The NRCS Soils Quality Institute (SQI) (http://soils.usda.gov/sqi/) website has a wealth of valuable information under the headings of "Soil Quality Highlights", "Soil Quality Concepts", "Soil Quality Assessment", "Soil Quality Management" and "Resources and Publications". For example, under Soil Quality Concepts you'll find the very informative "Soil Biology Primer". The Soil Biology Primer is an introduction to the living component of soil and how it contributes to agricultural productivity, and air and water quality. The Primer includes units describing the soil food web and its relationship to soil health, and units about bacteria, fungi, protozoa, nematodes, arthropods and earthworms. It is suitable for a broad audience including farmers, ranchers, agricultural professionals, resource specialists, conservationists, soil scientists, students and educators. Clip art from the Primer is available for downloading. Below is clip art of the soil food web found on the NRCS SQI website.



The SQI website contains more than 80 NRCS Soil Biology Technical Notes and educational materials. Some interesting facts from the "Soil Biology: Key Educational Messages" technical note are:



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- * A single spade full of rich garden soil contains more species of organisms than can be found above ground in the entire Amazon rain forest.
- * One cup of soil may hold as many bacteria as there are people on Earth.
- * Although the soil surface appears solid, air moves freely in and out of it. The air in the upper 8 inches of a well-drained soil is completely renewed about every hour.
- * Soil biological activity substantially affects soil structure including the size of soil pores, the stability of soil aggregates and the existence of macropores. Soil structure impacts how water flows over, into and through soil and how much water is held within reach of plant roots.
- * Large, burrowing invertebrates (e.g., earthworms, ants, termites, beetles) create macropores that allow rapid flow of water into or through soil.
- * Even tiny arthropods produce fecal pellets that are mixtures of soil and organic matter. These become stable soil aggregates.
- * Fungi and bacteria produce substances that help bind soil particles together and stabilize soil aggregates.
- * Soil organic matter can be physically protected from degradation within stable soil aggregates.

Check out the website the next time you are giving a presentation, assisting a client or just want to learn more about soil!

INVASIVE PLANT SPECIES SYMPOSIUM HIGHLIGHTS THEIR IMPACTS ON NATURE'S RESOURCES

Stephen L. Young – Secretary

St. Louis, MO – July 19, 2010 - The threat to natural systems by invasive plant species was the topic of a one day symposium at the annual meetings of the Soil and Water Conservation Society. Experts in biological systems, ecological restoration, computational technologies and policy development spoke to a large audience of conservationists and practitioners. The list of speakers included representatives from across the country, including California, New York, Michigan, Washington, D.C. and Nebraska.

The goal of the symposium was to gain an understanding of the contribution that invasive plant species are making SWCS NEWS – Page 5

to terrestrial and aquatic ecosystems. While invasive species continue to threaten many natural and man-made environments and most efforts are in their control or removal, they do provide services to these ecosystems, which have yet to be quantified on a range of scales. The invited speakers addressed several topics, including 1) the current state of invasive plant species, 2) ecosystem services related to invasive plant species, 3) research for quantifying ecosystem services by invasive plant species, 4) mapping invasive plant species in relation to ecosystem services and 5) policy related to ecosystem services and invasive plant species.

Invasive plant species can establish in diverse environments and, with the increase in human mobility, they are no longer restricted to isolated pockets in remote parts of the world. Cheatgrass in rangelands, purple loosestrife in wetlands, and saltcedar in riparian areas are examples of invasive plant species that are common to the United States and can be found in monocultures and patches covering many thousands of hectares. Across the world, invasive plant species like water hyacinth, cogon grass and mile-a-minute weed have choked waterways, altered fire regimes or caused the abandonment of farmland due to their dominating and persistent characteristics.

Goals for managing invasive plant species could be the eradication, reduction or containment of a population. The methods available for obtaining management goals include mechanical, chemical, cultural and biological. Under the concept of ecosystem service valuation, a whole new approach may be warranted to help expand current efforts to effectively manage invasive plant species.

Stephen L. Young, PhD Weed Ecologist University of Nebraska-Lincoln West Central Research & Extension Center 402 West State Farm Road North Platte, NE 69101 308-696-6712

GREEN TIP - WILDCAT AUDUBON SOCIETY SCOTTSBLUFF, NEBRASKA Edwin O. Harms

Have you pulled up to the recycling depot and seen the category "Trash Paper"? You can recycle a multitude of paper in that bin. All junk mail can be disposed of in this slot. It is recommended, however, you remove and shred any items such as credit card applications that might compromise your private information. Also check for and remove non-paper items like pens, coins and plastics sometimes contained in junk mail. Shredded paper is accepted as well as the inner rolls of toilet paper http://incolor.inetnebr.com/dougg/swcs



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and paper towels. Boxes, such as cereal boxes, should have the insert removed and then be flattened. Pull off the plastic from the inside of tissue boxes before flattening and adding them to your pile. Corrugated cardboard goes into another category, but all other cardboard goes into "Trash Paper." Include wrapping paper and paper egg cartons as well. Never put anything in that has been contaminated by food, such as pizza boxes. Once you start using the "Trash Paper" recycling bin, you'll find you have much less in your trashcan to haul to the curb. Recycling policies may vary based on location so be sure to check with your local recycling center on how recycling should be sorted.

BURLEIGH COUNTY, NORTH DAKOTA IS DOING GREAT THINGS WITH SOILS HEALTH Verlon Barnes

The Burleigh County Conservation Team in North Dakota is doing some great things with soil health on both cropland and grazing lands, including crop rotations, cover/forage crops, continuous no-till, high-intensity short duration grazing, more mobile watering systems and compost teas. Check out the Burleigh County Soil Conservation District website at http://www.bcscd.com/, click on "Soil Health" and you will find some very interesting power point presentations to view.

NORTH AMERICAN MANURE EXPO IN NORFOLK, A ONCE-IN-A LIFETIME OPPORTUNITY!

Leslie Johnson

Haskell Ag Lab University of Nebraska - Lincoln

Gentlemen, start your engines, engage your PTO's, open your gates, and spread MANURE! The only trade show and training event in the world that spreads manure to demonstrate the latest advances in manure management technologies will be on July 20th in Norfolk Nebraska. The North American Manure Expo will be held at the Northeast Community College's Agricultural Complex on July 20, 2011. The event is hosted by the University of Nebraska and other land grant schools in partnership with Nebraska custom manure applicators and businesses and the Iowa Commercial Nutrient Applicators Association. The annual event travels to a new venue every year and has previously been held in the Upper-Midwest including Michigan, Wisconsin, Minnesota, Ohio, and Iowa and most recently held in State College, Pennsylvania in 2010. The event may be a once in a lifetime opportunity because it will not return to Nebraska for some time.

If you are wondering what a manure expo is, here's your answer. It is an industry trade show with manure

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technology demonstrations and many educational events. Anyone with an interest in agriculture should plan to attend including livestock producers, manure handlers, consultants, and the general public.

About 50 exhibitors from across the United States and Canada will display and demonstrate all types and sizes of manure handling equipment including manure and fertilizer spreaders, manure incorporation equipment, GPS equipment for manure application and manure storage options. New this year are sprinkler irrigation systems for manure application. Ride-and-drive style demonstrations will be available at the end of the day for those that want to get behind the wheel. All demonstrations will be held (rain or shine) on 40 acres adjacent to the Complex.

Leslie Johnson, co-chair for the 2011 Expo states, "I've attended two previous expos; both were very different and informative. This year will be no exception. There's something for everyone, including anyone (even those not directly involved with agriculture) that is concerned for the environment and wants to know how livestock producers are handling manure to avoid water contamination." Previously, the event has drawn between 1200-1500 people from all across the United States and Canada.

"Professionalism in Manure Management" is the theme of the Expo. Educational topics will include: manure stockpiling, applying manure on frozen ground, manure pit foaming and safety, center pivots for irrigation of manure, nutrient management plans and much more. Many of these sessions will be approved for continuing education units for certified crop advisors and others. The University of Nebraska's Mobile Computer Lab will also be there to help producers with manure related computer programs such as the P-Index (revised in 2011), the Purdue Manure Management Planner and the National Air Quality Site Assessment Tool (NAQSAT). Technical support will be on hand to answer questions as well as teach how to use the programs.

Representatives from the Environmental Protection Agency will be at the Expo to discuss Nutrient Management Plans. Another session will discuss the latest research on winter application of manure on frozen soils. A panel of crop consultants will discuss how to value and market manure. These are just a few of the educational programs that will be offered at the Expo.

This event will meet recertification (not initial) training requirements from the Nebraska Department of Environmental Quality (NDEQ), for livestock operations http://incolor.inetnebr.com/dougg/swcs



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that have a Waste Control Facility Permit (NPDES). Attendees need only attend two hours of sessions to obtain their certificate. Regardless of your certification status or size of operation, this is an excellent learning opportunity for anyone who handles manure as a livestock producer or as a custom applicator.

The expo will open at 7 am and run until 5 pm. There is no cost to attend. To learn about the North American Manure Expo on July 20, 2011 visit http://manureexpo.org.

MODELING SUMMIT 2011 HELD IN DENVER, COLORADO MARCH 29-31 Anita Nein - SWCS Board of Directors, Northern Plains Region

Advancing the Science of Modeling was the purpose of the Modeling Summit that was held at the Renaissance Denver Hotel in Denver, Colorado March 29-31, 2011. About 75 private, university, policy, and agency persons attended hoping to learn and make good use of others' experiences in developing databases and running various models to predict and track effects on the land. There was also discussion of how to modify databases that never were intended for modeling. It turns out that there is an art to developing and creating these science-based models.

Three considerations among many others that were vigorously discussed in smaller group sessions included:

- 1. The continued need for better communication and development between model developers, data managers, practitioners and policy makers.
- 2. How can we best utilize the power of complex models in a practical fashion? How can we make models more accessible to decision makers?
- 3. What concerns are there about misuse, misinterpretations or inappropriate application of model results and data as a basis for policy decisions?

A wide variety of presenters helped the participants get a broad feel for the vast knowledge, patience, survey and scientific background needed to massage the data into something usable with reasonable or realistic numbers. The organizing committee itself consisted of 24 members. The topics were actual models used to research data sets, soils data and weather/climate data, to name just a few.

"We were very pleased with the breadth of participation in the meeting and look forward to the post-summit

results," said Dewayne Johnson, Professional
Development Director for SWCS and the lead staff person
from the Society for the meeting. "We were very
fortunate to be in Denver and so close to the modeling
and data work being done at ARS in Ft. Collins, the
National Center for Atmospheric Research, and Colorado
State University. I think the meeting was really enhanced
by the participation of the folks from those institutions. If
we had been in another part of the country we probably
wouldn't have gotten them. Because they were so close, it
was easy to get Mazdak Arabi, Keith Paustian, Caspar
Ammann, Olaf David, and Dennis Ojima to contribute to
the program and make presentations. I think the attendees
really appreciated their contributions."

One of the primary concerns was (and continues to be) how to estimate the benefits of conservation practices at different scales across varying landscapes. The important concepts pointed out were the huge challenges we have in the sediment and nutrient loads going into the Chesapeake Bay, the Gulf of Mexico through the Mississippi River Basin, and other areas of concern. Modeling has been developed and used as a tool to try to limit and define the challenge spots to improve water quality. This will continue to be a focus of models today and in the future.

The conference was organized by SWCS to get many key stakeholders together to talk about the best way to utilize and integrate available models and data sets to address specific customer conservation/conservation benefit needs. The post-summit work of the participants is continued refinement of the small group discussion points. A final product will be recommendations from the attendees for improving models, data sets and results. More information, as well as most of the PowerPoint presentations from the presenters is available online at www.swcs.org/modelingsummit.

NEBRASKA SWCS RIFLE TEAM FORMING Mike Lance

SWCS members from the Northeast part of Nebraska are again forming a rifle team to shoot in the summer long .22 caliber steel plate league competition held at the Arcadia Marksman Club shooting range southeast of Wisner, Nebraska. The team name will be changed to reflect the merger of the old Northeast Nebraska SWCS rifle team to the new Nebraska SWCS rifle team. Team members (and substitutes) meet every other Wednesday evening from May through August at the Arcadia club to compete against other 3-person teams. Shooting at steel plates (ranging from 1"-5" dia.) at distances of 40, 60, 77 and 100 meters in various positions, points are tallied for the team's combined weekly score and at the end of the year http://incolor.inetnebr.com/dougg/swcs

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prizes are awarded. Weekly "losers" have the responsibility of picking up the targets at the end of the "shoot". Optional competitions have involved .22 golf, stick shoots, "rattle battles" and safari animal cracker shoots. A barbeque meal is held after each shoot. This is just another example of a way SWCS members are out in the local landscape.

2011 SWCS ANNUAL MEETING SILENT AUCTION

Darwin Hinrichs – President

The 2011 Nebraska SWCS Annual Meeting will be held in Beatrice, Nebraska June 16-18, 2011. Please consider bringing silent auction items for the upcoming meeting. The proceeds generated from the auction help fund the scholarships SWCS awards each year. Please let Darwin Hinrichs know what items will be donated for the event. Past items have included pictures, birdhouses, crafts, wine baskets and books.

Darwin can be reached at 308-334-5292 extension 3 or darwin.hinrichs@ne.usda.gov.

SWCS OFFICERS AND DIRECTORS NEEDED FOR 2011/2012

Wally Valasek – Blue Nemaha SWCS Director

The officer positions that need to be filled are the vicepresident and secretary. These are one-year terms and the vice-president will move on to the presidency the following year.

We have three director positions that will expire this year. These are three-year terms. The three vacancies are in the Blue-Nemaha section, Panhandle section and the at-large position. Directors for the two section positions need to reside in the respective section. All SWCS members are eligible for the at-large position.

Thank you for your consideration.

STEVE YOUNG ELECTED AS 2011 SWCS AT-LARGE DIRECTOR



The Nebraska SWCS Chapter would like to congratulate Steve Young on being elected as the 2011 SWCS At-Large Director. Steve also serves as the Nebraska SWCS Chapter Secretary. Congratulations Steve!

ROBIN FOULK RECEIVES SWCS FELLOW AWARD



The Nebraska SWCS Chapter would like to congratulate Robin Foulk on receiving a SWCS National Fellow Award. The Fellow Award recognizes Society members who have performed exceptional service in advocating the conservation of soil, water and related natural resources. More info on all of the Fellow Award winners will be forthcoming at www.swcs.org. Congratulations Robin!



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NEBRASKA SOIL & WATER CONSERVATION SOCIETY

The 2011 Nebraska SWCS annual meeting will be held in Beatrice June 16-18.

During this time Beatrice will also be celebrating Homestead Days, June 16-19, 2011.

Homestead Days activities include a parade, Ribfest, Craft Demonstrations at Homestead National Monument, Fireworks, Stock Car Races, Car Show, Kids Games, Street Dance, Flee Market, and many other activities.

Come early, stay late, bring the family and enjoy the fun.

A block of rooms has been reserved at the Beatrice Holiday Inn Express located on North highway 77. The rooms will be held at the government rate plus tax until May 26, 2011. The Holiday Inn Express phone number is 402-228-7000.

FOR QUESTIONS REGARDING THE MEETING CONTACT WALLY VALASEK, BLUE –NEMAHA DIRECTOR AT 402-223-2874 OR E-MAIL WV84827@WINDSTREAM.NET

State Meeting: June 16-18, 2011 Beatrice NE



THURSDAY JUNE 16, 2011

Homestead National Monument Learning Center (Old Headquarters) located 4 miles West of Beatrice on highway 4.

12:30 Registration

1:00 Precision Farming Panel Discussion: Present and Future

Panel will include:

Paul Hay -Gage County Cooperative Extension Agent

John Niemeyer – Local Farmer

Jeff Jensby – Farmers Cooperative Dorchester Business Development Manager

3:00 Break

3:20 Tour Homestead National Monument Heritage Center

6:00 SWCS Banquet and Silent Auction at the Beatrice Holiday Inn Express



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NEBRASKA SOIL & WATER CONSERVATION SOCIETY

State Meeting: June 16-18, 2011 Beatrice NE

<mark>Friday Ju</mark> ne 17, 2011	
Beatrice Holiday Inn Express	12:00 Lunch – Beatrice Holiday Inn Express
8:00 Background on Turbine and Industry Wind Power in Nebraska: Problems and Future by John Hay – UNL Extension Educator Energy 9:15 Rare Earth Minerals and Humboldt Fault by Robert Joeckel – Geologist – UNL Conservation and Survey Division 10:00 Break 10:30 Cover Crop Pros and Cons Panel Discussion The panel will include: Paul Hay – Gage County Extension Educator Ray Ward – President of Ward Labs and Western Nebraska Farmer Keith Berns – Owner Green Cover Seed Bladen, Nebraska Corey Brubaker – NRCS State Agronomist	1:00 Tour Prairieland Dairy and Composting Operation E-Energy Adams Ethonal Plant Flat Water Wind Farm Schilling Bridge Winery and Microbrewery 5:45 Wine Tasting and Sandwiches at Schilling Bridge Winery and Microbrewery (sandwiches on your own - order off the menu) Saturday June 18, 2011 Beatrice Holiday Inn Express 8:00 NSWC Foundation Meeting and Breakfast (breakfast available for \$4.00 if not staying at Holiday Inn Express) 10:00 Nebraska Soil and Water Conservation Society Chapter Meeting
Please indicate the number of attendees and which Please submit registration by June 8, 2011. Thursday Registration #	Please make checks payable to Nebraska Chapter SWCS. Name Address

Beatrice, NE 68310



Nebraska SWCS Chapter 830 N 5th Street Seward, NE 68434

NEBRASKA SOII	L AND WATER CONSERVATION FOUNDATION BOARD OF DIRECTORS BALLOT
Ballot must be rece	ived by June 1, 2011.
BALLOT – Nebras	ka Soil and Water Conservation Foundation Board of Directors, 5-year term
	VOTE FOR ONE – ALL SWCS MEMBERS ARE ELIGIBLE TO VOTE
B 2 2 e	baker – NRCS State Conservation Agronomist. Has been a member of SWCS since 1983. Elected to the oard of Directors for the Nebraska Chapter in 1999 and served as president from October 1999 to June 000. Elected as the At-large representative to the Nebraska Chapter Board of Directors in 2002 and ected to the Board of Directors for the Nebraska Soil and Water Conservation Foundation in 2005. The worked in NRCS offices in Nebraska since 1978. He has worked in Omaha, Blair, the state office Lincoln, Syracuse, Tecumseh and Wilber. He currently is the Resource Conservationist in Saline ounty. He has been a member of SWCS since 1979. His interests include raising native plants, trees and
	rubs and rock hunting in creeks and rivers. (Write in name)
******	******************
Return Ballot by m	ail or email to:
Wally Valasek	
1516 N 9 th St	
Beatrice, NE 68310	
wv84827@windstre	eam.net