

Agriculture



Tomorrow

Working together to conserve our natural resources!



Missouri
Department
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UNIVERSITY OF MISSOURI
Extension



4-H
&
FFA



Natural Resource Conservation Service



Department
Of Natural
Resources

Farm Service
Agency



Published by MONTGOMERY AND WARREN COUNTY SOIL & WATER
CONSERVATION DISTRICTS



June 2012

Upcoming Events:

- June 10th & July 15th—5pm Native Plant Wildflower Walking Tour
- June 19th—6-9pm Native Wildflower & Pollinator Workshop, Rosebud, MO, call 636-399-8733 for more info.
- June 19th —3:45-7pm Bear/Brush Creek AgNPS SALT Traveling Tour, call 573-564-3715, x3 for more info.
- June 21st—4:14-7pm Bobwhite Quail & Native Pollinator Field Day, MU Bradford Research Center, Columbia, MO, call 573-884-7945 for more info
- July 4—Offices Closed for Independence Day Holiday

Inside this issue:

Soils & Forestry Contest

2

Bear/Brush Creek S.A.L.T. Traveling Tour

June 19, 2012

**Montgomery County SWCD - Bear/Brush Creek SALT project
will be hosting a Conservation Traveling Tour**



Tour starts at 3:45 p.m. at the
Montgomery County USDA Building



Arriving at Harry Cone at 4:00 p.m.

| | |
|---------------------------------|---|
| FSA News | 3 |
| Glosemeyer Farm Tour | 4 |
| Whitehead Farm Tour | 5 |
| New Employees Grazing School | 6 |

**Arriving at Harry Cope at 4:00 p.m.
(Legume inter-seeding, Grazing System)**

**Arriving at John Cobb around 5:00 p.m.
(Pond, Terraces and Dry hydrant)**

**Arriving at John Knoll around 6:00 p.m.
(Hi-tunnel and Meal)**

Please RSVP at 573-564-3715 X3 by June 12, 2012.



Quail Forever Helps Landowners Improve Habitat

The Missouri River Valley Chapter of Quail Forever has funds available to help local landowners improve habitat to benefit quail and other wildlife species. The chapter covers Franklin and Warren counties, using

the money raised during their annual banquet to accomplish the land management goals of private landowners in the two county area. Funds are available to help with many types of habitat work from native grass and forb seedings, prescribed fire, and woodland management projects.

Quail Forever has also invested in the future of wildlife habitat in this area by creating a new private lands wildlife biologist position. Ryan Diener, the Farm Bill Wildlife Biologist out of the Union USDA Field Office, is available to help all landowners in the county interested in restoring wildlife habitat. He is available for field visits to view your property and listen to what your objectives are for the land. After the site visit, he will write a wildlife management plan suited specifically for your interests in habitat management. To start a habitat project on your land, Ryan can be reached at (636) 583-2303 or by email at rdiener@quailforever.org.



**Ryan Diener
Farm Bill
Wildlife Biologist**

Warren County Soil & Water Conservation District

635 W. Booneslick
Warrenton, MO 63383
Phone 636-456-3434, Ext. 3
Fax 636-456-3712



Montgomery County Soil & Water Conservation District

1013 S. Sturgeon
Montgomery City, MO 63361
Phone 573-564-3715, Ext. 3
Fax 573-564-3967



Students Compete in Soils & Forestry Practice Contest

**By Debbie Niederer
District Technician**

Tuesday March 29, 2012 ten area schools gathered at the Ed Hambach farm near Pendleton, MO to compete in the annual Soils & Forestry contest sponsored by the Warren County Soil & Water Conservation District (SWCD) in conjunction with the Natural Resources Conservation Service (NRCS), the Missouri Department of Conservation (MDC), and Vo-ag Instructors Diane Miederhoff and David Cooley from Warrenton High School.



**Top Forestry Team
Columbia High School
Ben Carpenter, Stephen Bennett,
Tory Chesteen and Quinn Pestle.
Back row-MDC Foresters Craig Moyer, Jeff Bakameyer and Tony Peper**

Scientists Mike Cook, Grant Butler and Ralph Tucker. The students judge the pits and are scored on identifying different soil horizons by color, texture, structure type, mottles, rock fragments and other features. They also iden-

tedified the pits and forestry portions of the contest which better prepares them for up-coming district contests.

In order for the students to complete in soils judging, three pits were dug in the pasture and woodland areas near the shop of Hambach Wood Products. The pits were dug by George Hoelscher, a local landowner, and judged by NRCS Soil



**Top Soils Team—Troy High School
Hillary Braungardt, Matt Schroer,
Madison Flynn, Jacob Dickherber.
Back row Mike Cook & Grant Butler**

Bakameyer, Tony Peper, and Craig Moyer. The students utilized the Little Lost Creek Conservation Area for the forestry portion of the contest. The students in forestry are scored on identifying different types of trees, understanding how to inventory timber for improving the stand, identifying different types of equipment used in the timber industry, and know how to figure

board feet in trees for timber sales. They are also scored on a forestry general knowledge and map test. When the students are finished with the test portion of the contest they review the pits and forestry portions of the contest which better prepares them for up-coming district contests.

The Warren County SWCD sponsors plaques for the top scoring teams in each, Soils and Forestry, and medals for the three high scoring individuals for both events of the contest. Congratulations to all the students who participated and Thanks so much to everyone who helped out with the contest. We don't know if the students completing in the soils and forestry contest enjoyed the beautiful spring day but the resource people sure did.

tify properties of soil, site characteristics and are able to access the suitability of the soil for ponds, basements, lagoons and sewage fields.

The forestry portion of the contest was planned by the MDC Forestry staff Jeff



Winning Forestry Individuals
1st-Quinn Pestle
2nd-Tony Chesteen
3rd-Stephen Bennett
All from Columbia High School



(Left) Winning Soils Individual—1st-Alex Clarke, Southern Boone High School

(Right) Winning Soils Individuals—2nd-Madison Flynn and 3rd-Jacob Dickherber, Troy High School



Maintaining Native Wildflower (Pollinator) Plots

By Tom Westhoff

Native wildflowers must receive sunlight the first year after seeding. During the first year of establishment, perennial natives quickly attain a height of 2-6 inches and then stop growing and put down a deep root system. During the summer months it is critical that they do not get shaded out by taller competing vegetation. Starting in late spring/early summer, pollinator plots should be inspected and evaluated as to the amount of sunlight they are receiving, and will receive, for the remainder of the growing season. While walking through the plot you should be able to see some bare ground. If you can, your plot is in good shape. If you can't see bare ground, you will need to start a mowing regime where you start mowing when the competing vegetation reaches a height of 12 inches. Mow at a height of 6 inches. How often you have to mow is determined by soil type, rainfall amount, temperature, and weed species. Repeat mowing whenever the competition reaches a height of 12 inches. A common mistake that is made is waiting too long to start mowing and then put a "mulch" on top of the natives smothering them out. It would be better not to mow than to put a

layer of mulch on them.

Some of the common "weed" species competition we get in this area is foxtail, crabgrass, fescue, and smooth brome. Foxtail and crabgrass are warm season plants and can grow very quickly once they germinate and often need to be mowed every two weeks if we receive normal rainfall and warm temperatures. Fescue and smooth brome are cool season plants and grow quickly in the spring and fall and grow all summer long when we have cool, wet summers. Cool season competition can be sprayed out with roundup in November after the natives have gone dormant, normally in mid-October. While these species are detrimental to a planting, they can be managed through mowing and spraying. A more serious competitor is sericea lespedeza. This exotic warm season plant can only be controlled through spot spraying. If you see sericea in your plot get started spraying it and get it controlled before it goes to seed in mid-late August. It will take multiple sprayings to control it.

Native plants are slower to get established than most species we are familiar with because of their growth pattern but once established they compete well because of their deep root system. A prescribed burn every 2-4 years will keep your planting in good shape.

Glosemeyer Farm Tour—April 25, 2012

**By Polly Sachs
District Clerk, Warren SWCD**

The Glosemeyer Farm Tour was held at the farm of Ralph and Vikki Glosemeyer of Concord Hill for 4th graders in Marthasville Elementary, St.



Above—Ralph Glosemeyer talks to students about the many products made from hogs and different types of pork.

Vincent's, St. Ignatius, Holy Rosary and Liberty Christian Academy. Approximately 90 students attended in all along with several parents. There were 10 stops at the tour. The main objective is to reach youth in Warren County and teach them in an outdoor setting about conserving our natural resources and preventing soil and water erosion...and having a little fun while they are at it!

A great lunch was provided by volunteers with the Warren County Pork Association for all students, teachers, parents and resource personnel. Thanks to Ralph and Vikki for hosting the farm tour. The tour has been held at the Glosemeyer Farm since 1999. Students were also able to participate

in an essay contest that will be in the next issue along with pictures from the Reckamp Farm Tour for Wright City Elementary.



Warrenton FFA students brought farm animals for students to see and learn about at the Animals Stop.

Grant Butler, NRCS shows students a variety of Rocks and Minerals and what they are used for.



Above—Keith Mueller of Central Electric Cooperative demonstrates the dangers of electricity.



Left—At the Hogs & Hearts Stop Volunteer Yale Muhm shows students the parts of a hog's heart that can be used in human hearts.





Above—Chris Merritt, University Extension talks to students about the healthy foods grown on a farm and healthy amounts to eat of each food group.



Above—Alicia Muhm, volunteer and Eric Niemeyer, Montgomery SWCD demonstrate soil and water erosion at the Stream Table.



Left—Lafe Schweissguth, Warren SWCD and Jeff Bakameyer, MDC talk to students about trees and wildlife.



Above—Jayne Glosemeyer demonstrates safety around machinery at the Farm Safety Stop,

Volunteers Kathy and Irv Huser teach students about the importance of worms to the soil!



THANKS to volunteers from the Warren County Pork Association for preparing lunches for all the farm tours in Warren County! Pictured are Ellen & Marvin Engelage, Vikki Glosemeyer, Paul & Erma Fischer, Alice & Hubie Kluesner and Mary & Kali Glosemeyer.

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Whitehead Farm Tour—May 8, 2012

**By Ann Whitehead
Montgomery SWCD**



Lafe Schweissguth, Warren SWCD and Eric Niemeyer from Montgomery SWCD were the resource people for the Farm Safety Stop.

ous stops at the farm. Each stop was led by District, NRCS, or MDC personnel. Lunch was provided by the districts for the students,

teachers, parents and resource personnel. Thanks to everyone that helped make the tour possible. Pictures of the Stevens Farm Tour will be in the next



We had beautiful weather for the farm tour at the Whitehead Farm held for Wellsville-Middletown Elementary School students in Montgomery County. There are approximately 30 students that get to explore various

stops at the farm. Each stop was led by District, NRCS, or MDC personnel. Lunch was provided by the districts for the students,



Karen Sinclair, NRCS and Debbie Niederer, SWCD had the Stream Table where they spoke about watersheds.

Jamie Barton, MDC visited with the students about Forestry and Wildlife.





Above—Bob Ridgley, SWCD and John James, NRCS had the Soils and Terraces Stop.

Left—The favorite stop for the 4th graders was the Fishing Stop!



One of the resource stops was Rocks and Minerals with Mike Cook, NRCS.

Crop Acreage Reporting Dates for FSA and Crop Insurance

Priscilla Eggering & Ryan Green, FSA

Beginning July 2012, there will be changes in the Crop Acreage Reporting Dates. The revision in reporting dates was the result of a combined effort of FSA and the Risk Management Agency (RMA – crop insurance) to make acreage reporting easier. Standardized acreage reporting deadlines for both FSA and crop insurance purposes are:

Fall barley, wheat and other fall seeded grains planted in fall of 2011, report by June 30 (for 2012, reports are due by **7/2/2012.**)

Corn, grain sorghum, soybeans, CRP, all other acreages not listed, report by July 15 (for 2012, reports are due by **7/16/2012.**)

NOTE-Failed acreage must be reported within 15 days of the disaster event and before disposition of the crop. Prevented planting

must be reported no later than 15 days after the final planting date.

| 2012 Final Planting Dates for Crop Insurance | |
|---|---------|
| Corn | May 31 |
| Grain Sorghum | June 20 |
| Soybeans | June 20 |

FSA's GovDelivery

Farm Service Agency offices are quickly moving toward a paperless operation. County office personnel are asking producers to enroll in the new GovDelivery system which will provide notices, newsletters and electronic reminders instead of a hard copy through the mail. FSA is trying to work smarter and be more efficient. Moving to electronic notifications via email will help conserve resources and save taxpayer dollars. Missouri has introduced FSA eAlerts—a new way to receive FSA program reminders via e-mail or text. Sign up for eAlerts at your County Office and choose whether you would like to receive information via e-mail, text or both. You can opt out of receiving FSA eAlerts at any time.

New Faces in the Montgomery and Warren NRCS Offices!

My name is Kim Frier. I have lived all over the U.S. as a result of being an "Army brat" and as an Army Sergeant (Reserves) myself. I have a B.S. in Environmental Science from University of West Florida with a minor in GIS. I am finishing my Master's Certificate in Fisheries Management this summer.

I recently moved to the area from Columbia, SC after spending all of last year deployed to Iraq. There we were helping farmers with Hi-Tunnel projects and agriculture/aquaculture grants and programs through the Department of State and the Army.

I enjoy hiking and riding and training horses. I look forward to



Starting a New

learning about conservation practices as the new OAC for the Montgomery and Warren offices.

Hi, I'm Julius Johnson, I'm from Raymond, MS. It is ten minutes from Jackson, MS.

I'm currently attending Alcorn State University going into my senior year. I am majoring in plant and soil science.

I'm currently a part of the S.T.E.P. program through USDA-NRCS in the State of Missouri.



This past summer I worked in the Caruthersville office. From that past experience I learned a lot and hope I learn the same amount in this. I also look forward to meeting the landowners and seeing their farms.

Cost-Share

**Eric Niemeyer
Montgomery SWCD**

FY13 looks to be another big year, the Montgomery County

Grazing School Held April 4th & 5th

**By Ann Whitehead
Montgomery County SWCD**

The 2-day Regional Management Intensive Grazing School showed producers how to increase the plant diversity and quality of their pastures and possibly increase the potential stocking rate per acre.

Some of the topics were Art and Science of Grazing Management, Soils, Livestock Nutrition, and Economics of Grazing Management.

If you are interested in promoting pasture land through rotational grazing a Regional Management Intensive



Mark Kennedy, NRCS was one of the speakers for the grazing school.



Mark Kennedy and Ann Whitehead preparing the class for the "outside" portion of the school.

Grazing School is an approved school for the DSP-3 cost share practice. Cost share is available for interior fence, water and water distribution.

This school was sponsored by the Montgomery and Warren SWCDs, NRCS, and University Extension. Thanks to the MFA's in Warrenton, Rhineland, and Montgomery who sponsored break-

fast and breaks. If you are interested in learning more about cost share opportunities for your grazing program, call your local



Starting a New Chapter...

Eric Niemeyer, District Technician-Montg. SWCD

It is a sad yet a very exciting time for me as I close the chapter on my time here at Montgomery SWCD and prepare to start a new one with the Missouri Department of Conservation. I have accepted a position as a Private Land Conservationist with MDC. Effective July 1st, I will be working out of the California, MO USDA Service Center office, serving landowners in Moniteau and Cooper counties.

In the last year I have learned a lot working for the district and I have truly enjoyed the experience. Working one-on-one with landowners as a technician, participating in farm field days for 4th and 5th graders, and working with nutrient management plans are just a few of the things I had the opportunity to be involved with. I would like to thank the board for giving me

SWCD will be allocated a little over \$280,000 in cost share funds come July 1, 2012. The top twenty landowners on the cost share list have been notified that they will likely have the opportunity to receive cost share. The district will work down the list until the all the funds are obligated. Landowners are welcome to come in at any time to see where they are on the list.

the chance to be a part of the Montgomery County SWCD. Tom, Harry, Jim, Rich, and Gene THANK YOU! To everyone at the office, I can't thank you enough,

I will always be thankful for the knowledge and skill you guided me with, as well as your patience and kindness towards me as I learn. As I take the next step in my career and in life, I will never forget the things I have learned here, nor will I forget the great people of Montgomery County I've met along the way or the wonderful people I got to work with each day! Thanks again!

SWCD/NRCS office.

Bob Ridgley helps his group plan a mock-grazing system.



Missouri Women in Ag Conference 2012

**September 10-12
Chillicothe, Missouri**

**Call 573-564-3715,
x3 for more info!**



NATIVE WILDFLOWER & POLLINATOR WORKSHOP

JUNE 19 6-9PM
2450 Old State Rd
Rosebud, MO 63091



DINNER AND DRINKS PROVIDED BY THE MISSOURI RIVER VALLEY CHAPTER #3152 OF QUAIL FOREVER

Topics

- The Importance of Pollinators
- What IS Pollinator Habitat?
- Managing Pollinator Habitat
- Great Pollinator Habitat = Great Wildlife Habitat
- High Diversity = Expensive Seed Mixes



**Contact Ryan Diener
636-399-8733**

Native Plant Wildflower Tour

June 10, 2012 & July 15, 2012

*5:00 p.m. walking tour
for approximately one hour.*

Tom and Pat Westhoff Farm
113 Leonard Road
Montgomery City, MO 63361



Optional meal after completion of
tour 6:30 p.m.

Montgomery Co. SWCD
1013 S. Sturgeon
Montgomery City, MO 63361
Phone 573-564-3715, Ext. 3

Warren Co. SWCD
635 W. Booneslick
Warrenton, MO 63383
Phone 636-456-3434, Ext. 3

NONPROFIT ORG.
U.S. POSTAGE
PAID
MONTGOMERY
CITY, MO 63361
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Warren County Equipment Rental Rates

(Montgomery County landowners are charged the same as in-county)

Available through the Warren SWCD Office 636-456-3434, x3

- 7 ft. Great Plains No-Till Drill with Native Grass Box \$8 acre
\$25.00 minimum charge
- Vermeer Mulcher \$50 per day/1st hr free • \$25/each additional hour
- Warm Season Grass Burn Equipment \$10 per day
- ATV Seeder \$20 per day
- ATV Disc Harrow w/trailer \$20 per day
- ATV Plotmaster w/trailer \$50 per day
- ATV Tank Spray Unit..... \$10 per day
- ATV Harrow FREE

Available through Matt Perry, near Marthasville, 636-933-4035

Please RSVP by Friday June 8 or July 13

MONTGOMERY COUNTY SOIL & WATER CONSERVATION DISTRICT

1013 S. Sturgeon • Montgomery City, MO 63361

Board of Supervisors

Tom Kremer, Chairman • Harry Cope, Vice-Chairman • Rich Hoormann, Secretary
Jim Kleinsorge, Treasurer • Gene Eldringhoff, Member

District Personnel

Brenda Van Booven, District Manager
Robert J. Ridgley, District Technician
Ann Whitehead, Lower Loutre & Bear Brush Creek AgNPS Project Manager
Eric Niemeyer, District Technician

WARREN COUNTY SOIL & WATER CONSERVATION DISTRICT

635 W. Booneslick • Warrenton, MO 63383

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Richard Eggering, Treasurer • Shelley
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District Personnel

Debbie Niederer, District Technician
Polly Sachs, District Manager
Lafe Schweissguth, District Technician

Assisted by NRCS Personnel

Tammy Teeter, District Conservationist
Sarah Szachnieski, Resource Conservationist
John James, Soil Conservation Technician • David Korman, Soil Conservationist
.....

Assisted by Missouri Department of Conservation

Jamie Barton & Lia Heppermann-MDC Private Land Conservationists
Jeff Bakameyer, Tony Peper, Angela Belden-MDC Forestry
Scott Voney & Sarah Peper-MDC Fisheries Biologists
Matt Spurgeon & Jim Kuenzle-MDC Wildlife Conservationists

Available through Matt Berry, near Martinsville, 636-932-4033

10' John Deere No-Till Drill\$8 acre
\$25.00 minimum charge

Available through Ralph Glosemeyer, in Concord Hill, 636-932-4897

7' Great Plains No-Till Drill with Native Grass Box\$8 acre
\$25.00 minimum charge

Additional rental rates charged for out-of-county landowners

Montgomery County Equipment Rental Rates

(Warren County landowners are charged the same as in-county)

Available through the Montgomery SWCD Office 573-564-3715, x3

7 ft. Great Plains No-Till Drill with Native Grass Box\$7 acre
\$25.00 minimum charge

10 ft. Great Plains No-Till Drill with Native Grass Box\$8 acre
\$25.00 minimum charge

Vermeer Mulcher..... \$50/1st hour use • \$25/each additional hour

Warm Season Grass Burn Equipment \$10 per day

Tree Planter.....\$50/day • Maximum charge of \$100

Tree Root Pruner..... FREE

Truax "Seed Slinger" - Hand Grass Seeder..... FREE

Truax Electric ATV Mounted Seeder..... FREE

10' ATV Mounted Sprayer FREE

18" Hay Probes (with \$50 deposit) FREE

Available through Darrell Reinhardt, near Hermann, 573-486-2469

10' Great Plains No-Till Drill with Native Grass Box.....\$8 acre
\$25.00 minimum charge

Additional rental rates charged for out-of-county landowners