

Agriculture



Tomorrow



Working together to conserve our natural resources!



UNIVERSITY OF MISSOURI
Extension



Farm Service Agency



Aug 2012

Published by MONTGOMERY AND WARREN COUNTY SOIL & WATER CONSERVATION DISTRICTS

Upcoming Events:

- August 25—Wildlife Habitat Farm Tour 9am-2pm @ Rosebud, MO 636-583-2303
- August 31, 6-9pm and September 1, Sunrise-12pm—Youth Dove Clinic & Hunt @ Whetstone Creek Conservation Area in Williamsburg, MO 573-254-3330
- September 3—Offices closed in observance of Labor Day
- September 10-12—Women In Ag State Conference in Chillicothe, MO
- September 13—High Tunnel Tour, 6:30 -9pm @ Seven Cedars, Jonesburg
- September 22—Deer Management Workshop 9am-2pm at the Powder Valley Nature Center in Kirkwood.
- September 22—Pesticide Collection @ East Central MO Recycling Center, 24448 S. Hwy 47, Warrenton 9am-4pm
- October 3—Burn Workshop @ Warren Co. Ext Office in Warrenton
- October 8—Offices closed in observance of Columbus Day

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Governor Nixon Announced Emergency Program for Drought-Affected Farmers

On July 24th Governor Jay Nixon announced an emergency program to help Missouri farmers suffering from the statewide drought to drill or deepen water wells to benefit their livestock or crops. The emergency cost-share program was available to Missouri livestock or crop farmers whose production is being severely impacted by the current drought.

Under this emergency program, 90% of the eligible project cost was covered, with a maximum cost-share award of \$20,000. Normal soil and water cost-share programs provide 75% of the project cost with the landowner covering the remaining 25%. Because of the emergency situation of the drought, applications from farmers for this cost-share program must have been submitted by August 6th, 2012 to either the local soil and water district or online to the state of Missouri at MO.gov. With this executive order, Gov. Nixon also established the Agriculture Water Resource Technical Review Team,

named by the directors of the Missouri departments of agriculture and natural resources. The team consisted of staff from those two departments who have agricultural and water resource experience, and assisted in expediting the processing of applications and the implementation of the emergency cost-share program. The governor said the emergency cost-share program was narrowly targeted to alleviate the immediate water shortages facing Missouri agriculture. Because of the emergency nature of the drought situation and the need to put measures in place

as soon as possible, any of the rules, procedures and certifications generally applicable to do soil and water cost-share programs were waived for this program.

Missouri also has a hay directory for livestock producers as well as other information and resources online at MO.gov.

After this initial announcement, another announcement was made on July 26th stating due to "tremendous response", additional monies were added to the emergency program to help drought-affected farmers.

Drought Assistance

By Tammy Teeter

There are many different programs through various agencies to assist landowners with the drought. The SWCD's have been working with one on Emergency Water that the Governor announced recently. The federal government will be having some in the near future and as the programs are announced we will be getting information out as soon as possible.

If you are in need of assistance, contact your USDA service center in your county and we will direct you to the program available.

Warren County Essay Winners

(Right)
RECKAMP ESSAY
WINNERS



(Below & Right) GLOSEMEYER ESSAY WINNERS



**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

Overall Winners—Farm Tour Essay Contest

What I Learned on the Conservation Farm Tour

Overall Winner – Glosemeyer Farm Tour

On Wednesday, April 25, I went on a field trip to Glosemeyer Farm with my fourth grade class. I learned many things on the tour, and loved how it was divided up into organized stations. The stations were Hogs and Hearts, Stream Table, Farm Safety, Food Stop, Healthy Foods, Worms, Electric, Rocks and Minerals, Soil, and Trees and Wildlife. My favorite stations were Hogs and Hearts, Farm Safety, Healthy Foods, and Electricity. Each of the stations taught me interesting facts that I had never learned before.

At the Hogs and Hearts station, I was allowed to touch a real pig's heart, and I learned about the life of a market hog. Hogs that are raised for food go to the market when they are five to six months old and weighed 250 pounds. After the hog is butchered, people are able to eat the bacon and ham that comes from the hog. The hog's organs can be used in transplants in human bodies because a hog's heart is similar to a human heart. When we were looking at the pig hearts, the tour guide showed us the negative consequences of smoking and what it will do to our organs.

The second station on the farm tour was Farm Safety. This station was very important because it taught me how to be safe around farm equipment. Since I live on a farm, I will be able to use the safety tips and information to make sure that I do not get hurt. One of the safety guidelines they taught us was that we should never go inside a grain bin without a safety harness attached to the top of the silo. Another important safety rule is to always work in pairs, especially when working with an auger. Augers can be extremely dangerous because you can get caught in the machinery and be seriously injured. That is why you should be at least a person's length away while it is running to have a safety shield over the blade to help prevent injury.

At the Healthy Foods and Animals station, we learned about meat and the uses of the cow's hides. Meat and eggs are important food groups because they are very high in protein. We learned about the food pyramid and how to maintain a healthy diet. It is always important to look at serving sizes and make sure that you eat foods from all the different levels of the pyramid. After we use the meat from the animals, we can use their hides for different things. Cow hides are used to make baseballs and baseball gloves. I never knew how important agriculture is to sports and to maintaining a healthy, balanced diet.

The final station was Electricity, and it was here that I learned that electricity is invisible and travels at the speed of light. Electricity can be very dangerous, and we have to be careful when dealing with it. I learned that it was very important to never play under electric lines and if I see a downed power line, then I need to tell an adult immediately. I also learned that if a power line would land on top of my vehicle, then it is safest to stay in the car and wait for help to arrive. I loved the model of the power lines because it showed me how electricity runs and powers a house.

This field trip opened my eyes to the meaning and importance of farming. Even though farming has been in my family for generations, I never realized the real importance of farmers and all that they do. It has helped me form an appreciation for farms and the conservation department. I hope to be able to apply all the information that I learned on the tour to my life and farm at home. Overall, this was one of the best field trips I have been on! I want to say thank you to the Warren County Soil and Water Conservation District, Glosemeyer Farm, and the different volunteers. I hope they continue to sponsor the field trip so that other children can benefit from the field trip as much as I did.



What I Learned on the Conservation Farm Tour

Overall Winner – Reckamp Farm Tour

At the farm I learned about a lot of cool things at Reckamp Farms. I also thank the Soil & Water Conservation District for sponsoring Reckamp Farms. Anyways I learned about ten different things which are Animal Pelts, Healthy Foods, Stream Table, Soil, Rocks, Hogs, Terracing, Electricity, Feeding, and Trees & Wildlife.

Well in the Animal Pelts Stop I learned that animal pelts are just another word for animal skins. That's not all. I also learned about animal jaws and animal foot prints like a beaver, a raccoon, a wolf, or even an otter. But I learned something else at the Animal Pelts Stop. It was that if you were wondering how old a tree was then cut the tree and look at how many growth rings are on the tree's stump and if there are six then that means that tree is six years old.

Now on to Healthy Foods. I learned that you have to eat more protein than anything else in a well-balanced meal. Protein is also another word for meat and beans. So you have to eat more meat and beans than fruit, dairy, and vegetables. On to the soil table. Soil has many different layers. The first layer is called topsoil. Topsoil is the soil that you plant your plants in which all the worms live. Then comes subsoil. parent rock, and then lastly bedrock. Bedrock is the hardest layer.

Next comes the stream table. The stream table demonstrated what would happen if a flood started. The demonstration showed that if a flood happened then the trees would erode if there were not tree roots and the soil would just get washed away by the water in to the ocean. Here comes the Rocks Stop, Rocks were used to kill animals so they would have food. They were also used to make clothes and furniture for houses.

Hogs, I learned lots of stuff about hogs. But there was one thing that interested me a lot about hogs. It was that hogs or pigs have different parts of meat that cook differently. But that's not all I learned about the pigs or hogs. I learned that if the hog or pig weighs 250 pounds then it is market sized. Electricity. I learned that there is a ten foot rule for power lines. And electricity always is trying to get to the ground through anything it can reach through lightning.

Feeding. I learned that Reckamp Farms mixes together different baking mixes, corn grounds, and other inexpensive batters for the hogs or pigs well balanced meal. On to the Worms Stop. I learned that if you see a little big ring on the worm that means once it falls off then it becomes a cocoon and the cocoon has a baby worm in it then it just starts again. I also learned that there was a board that had a bunch of soil in the bottom of it and the soil had worms in it. But all of our worms got killed by the ice age. Europe sent the board but the Europeans want lumber like trees and logs. So they unloaded the soil, put trees and logs in it and that's how we got worms back. And that's all the fun stuff I learned during the Reckamps Farms field trip.



Are You Tired of Feeding Hay in the Summer?

Ryan Diener, Farm Bill Wildlife Biologist

Mid-summer in Missouri translates into hot and dry conditions in most years, leading to a lull in cattle forage production across the state. While tall fescue allows for heavy grazing it also has its problems. Fescue, like other non-native cool season grasses requires fertilization to reach its full potential which grows more costly each year as fertilizer prices continues to increase. These cool season grasses also go through summer dormancy each year which means cattle are left to intake sub-par forage during the time when calves are gaining weight. There are options to help producers provide high quality forage that can increase cattle gains through the summer.

Native warm season grasses which once covered the grasslands of Missouri still have a place in modern grazing systems. These native grasses experience the height of growth from June through August, when the cool season grasses like fescue/brome are dormant. Our native grasses in Missouri have the potential to average 4 tons of forage per acre, much higher than cool season production. Some of the most important native grasses for forage production are big bluestem, little bluestem, Indian grass, switchgrass, and eastern gamagrass. "In a University of Missouri study, big bluestem hay was shown to have a higher percent and rate of dry matter digestibility than fescue hay which allowed cattle to process feed faster, allowing

greater and faster forage intake leading to faster weight gains. Another study (summer '94), pregnant dairy heifers grazing eastern gamagrass at the SW Missouri Research Center produced 2.3 pounds per day average daily gain over a 70 day period. Managers at the Seat Demonstration Farm in Missouri compared average net income between native warm season grass and bluegrass pastures for the years 1983-85. Income was calculated as beef produced minus annual maintenance costs of the pastures. Net income per acre of native warm season grass was \$107.88 versus \$36.33 for the bluegrass. A difference of \$71.55 per acre." (Prairiesource.com)

Missouri cattle producers could increase their bottom line by integrating native warm season grass pasture/hayfields. I am not suggesting a whole paradigm shift in how we raise cattle, but by having a third of grazing land converted back to native grasses we could make a big step in the right direction. Native warm season grasses are most productive when used in rotation with cool season grass pastures. In grazing systems, they also greatly improve wildlife habitat over fescue pastures and hayfields. We can increase cattle production in Missouri and greatly improve habitat for quail/other wildlife. This is how we can to reverse the declining trend with quail, by growing more and healthier cattle! If you need assistance, contact Ryan Diener, Farm Bill Wildlife Biologist in the Union, MO NRCS office at 636-583-2303 ext. 113, or (cell) phone at 636-399-8733.

Reckamp Farm Tour—May 3, 2012

**By Polly Sachs
District Clerk**

Reckamp Farm Tour was held at the farm of Gene & Marilyn Reckamp and Dave & Marylin Reckamp for 4th graders at Wright City Elementary, Approximately 115 students attended in all along with several parents. There were 10 stops at the tour. The students made their way through 5 stops and after a great lunch prepared by the Warren County Pork Association, they finished the last 5 stops. Thanks to the Reckamp Family for hosting the farm tour. This is our longest-running tour has been held at the Reckamp Farm since 1997. Students also had the opportunity to participate in an essay contest and the overall winner's essay is featured on page 2 of this newsletter.



(Above) David & Marylin Reckamp teach students about a balanced diet for farm animals at the Feed Stop.



(Above) Ian Brown of Femme Osage Honey talks to students about beekeeping.

(Right) This student from Wright City Elementary holds a baby piglet. Volunteers and Wright City FFA members assisted at the Hogs Stop which also included chickens that live on the farm.



(Left) Lafe Schweissguth, SWCD, talks to students about the dangers of machinery and Dolores Owenby, volunteer, taught about chemical safety.



(Left) Jenny Glosemeyer, FSA, and Ben Avis, volunteer, teach students about stream bank erosion at the Stream Table Stop.

(Right) Yale & Alicia Muhm, volunteers, shows students a variety of furs from animals native to Missouri at the Trees & Wildlife Stop.



(Left) Bob Ridgley teaches students about practices used to conserve soil at the Soils & Terraces Stop.

(Right) Mike Cook, NRCS shows students a variety of rocks and minerals and their many uses, past and present.



(Left) Chris Merritt, University Extension, teaches students about Healthy Foods.

(Right) Irv & Kathy Huser of Environmentally Sound Products of MO show students how worms live in the soil and their importance.



Prescribed Burn Workshop, October 3, 2012

The Missouri Department of Conservation will host a free prescribed burn workshop on Wednesday, October 3, 2012 from 6:30 – 9:00pm at the Warren County Extension Center in Warrenton. This workshop will cover proper methods and techniques for implementing controlled burns, impacts of fire on plant and animal communities and burn equipment availability. A demonstration burn is scheduled for Saturday, October 6th weather permitting. Registration is required and space is limited so please call 636-583-2303, ext. 115 by October 1 to reserve your spot.

MDC DISCOVER NATURE FAMILIES

Friday, August 31st
6 p.m. – 9:00 p.m.
Saturday, September 1st
Sunrise – 12 p.m.
Whetstone Creek Conservation Area
Williamsburg, MO

Youth Dove Clinic & Hunt

****Pre-registration is required by contacting the Whetstone Office at (573) 254-3330. Clinic is limited to the first 20 participants.**

Join the staff of the Missouri Dept. of Conservation for an exciting and educational experience in dove hunting! Participants will learn the basics of dove hunting safety, firearms safety and shooting skills. This program will consist of two sessions. Discover Nature – Families programs are designed to help adults & children explore nature & master outdoor skills together. This program is open to youth ages 9 to 15 and their parent or adult mentor. Youth must be Hunter Ed Certified to participate OR accompanied by a Hunter Ed Certified adult.

discover nature family programs . . .
• Help families discover and explore nature together
• Provide expert instruction and hands-on activities
• Are available statewide

www.MissouriConservation.org



Stevens Farm Tour—May 9, 2012

By Ann Whitehead
Montgomery SWCD

(Right) Mike Cook, NRCS, at the Rocks & Minerals Stop



MDC's Scott Voney teaches students about stream bank erosion at the Stream Table Stop.



(Left) John James, NRCS, and Bob Ridgley, Montgomery SWCD, at the Soils & Terraces Stop.

Join Us!
for a
High Tunnel Twilight Tour
Thurs., Sept. 13, 2012
6:30-9:00pm

Seven Cedars Farm @ Jonesburg, MO

A hands-on look at the basics of high tunnel construction and production. Contact the Warren County Extension enter to reserve your spot or for questions 636-456-3444.

Sponsored by: University of Missouri Extension, Lincoln University and NRCS.



(Right) Kathy Huser, volunteer, at the Worms Stop



(Left) Jamie Barton, MDC, at the Trees & Wildlife Stop

Conservation Compliance Issues

By Tammy Teeter

I realize we are in a drought but as we have completed our Conservation Compliance reviews this year we have noticed a lot of gully erosion in fields and to be in compliance with your farm plan these need to be addressed. Also with the drought several landowners will be using corn for silage instead of harvesting it so therefore you will not have the residue that your farm plan calls for so you may need to plan ahead now to put a cover crop in these fields so that you are in compliance with your farm plan.

If you feel you are not able to follow your farm plan or not sure what your rotation/tillage is or need assistance in controlling the gully erosion on your farm give us a call and we would be glad to assist you.

Remember if you are found out of compliance with your farm plan you may not be eligible for any USDA benefits and with the economy the way it is we know our producers need all the financial assistance they can get. Please call our offices for further assistance.

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Wildlife Habitat Farm Tour

On Saturday, August 25 the Missouri Department of Conservation and the Missouri River Valley Quail Forever Chapter will hold a free Wildlife Habitat Farm Tour from 9:00 to 2:00 pm at the Arvil Kappelmann farm (2450 Old State Road, Rosebud, MO 63091). This farm tour is for anyone who would like to learn how to manage property to improve habitat for deer, turkey, quail, small game, songbirds, pollinating insects and other wildlife. Forest and wildlife professionals will lead wagon tours for you to personally view and discuss examples of management practices such as timber stand improvement, woody edge enhancement, native grass and wildflower plantings, prescribed burning, glade and woodland management, invasive species control and more. You'll also learn about the many cost-share opportunities available. A complimentary lunch will be provided. Space is limited so please call Lori Nowak at 636-583-2303, ext. 101 to reserve your spot.



Jane Eggering Retires from FSA

On July 25th an Open House was held for Jane Eggering who has been employed as a Program Technician for FSA

for 23 years. Jane has also worked at Lincoln County and St. Charles County FSA offices but has worked the past 11 years here in Warren County. Jane is pictured above with some of her family members who attended the open house. On the right she is pictured with Ryan Green, receiving an award for her years of service.



Tree Farmer Turns Old Farmstead Into Showcase

In 1993 when John Heckmann purchased the first half of their 800-acre farm near Hermann, few would have guessed it would one day be a showcase. On June 2nd it was the site of the annual Missouri Tree Farm Conference and Heckmann was recognized as Tree Farmer of the Year.

"It was a typical old farmstead," Heckmann said. "There were a lot of weeds; the woods were overgrown; there were cattle in the woods and in the creek." Heckmann, a partner in his family's investment real estate company based in St. Louis, wasn't interested in raising cattle or crop farming but saw the farm's potential for recreation. He built three small lakes on the property and Bear Valley Farm (BVF) became a spot for his family to hunt, fish and enjoy the outdoors. Five years ago the Warren Co. assessor gave Heckmann reason to further improve the land. Because BVF was not producing an agricultural product the property was reclassified, causing taxes to increase. With lots of timber, Heckmann decided to turn the place into a tree farm.

"I'm managing my woods for timber and wildlife," he said. "The objective is to have both wildlife and some type of income from the farm." With assistance from the Missouri Department of Conservation (MDC), Heckmann started thinning the woods. That allows the remaining trees to reach their potential and allows more sunlight to reach the floor and stimulate plant growth for wildlife to browse. "After I did some preliminary work and wanted to get bigger, I needed some help," Heckmann said. "MDC suggested that I go the NRCS office." Sarah Szachnieski, resource conservationist with the NRCS told Heckmann about the technical/financial assistance USDA agency could provide. "We started in 2008 with a contract under the Wildlife Habitat Incentives Program to do timber stand improvement on 20-acres and it just grew from there," Szachnieski said. Heckmann has taken advantage of two other NRCS programs, the Environmental Quality Incentives Program and the Conservation Stewardship Program. Through those programs, NRCS



Sarah Szachnieski, NRCS Resource Conservationist is pictured with John Heckmann, awarded Tree Farmer of the year by the Missouri Tree Farm Conference

provided Heckmann with about \$77,000 in financial assistance and teamed with MDC to provide technical assistance to make improvements to farm. Szachnieski helped Heckmann plan and install soil-erosion control practices on the farm, but most improvements are the result of management techniques, especially controlled burns and timber stand improvements. By removing competition, glades are restored, and native plants, and wildflowers, have re-emerged.

"It's fascinating how well his farm has responded to burning," Szachnieski said. Heckmann's attitude concerning letting nature do the work has been a key to success. "He's always very interested in anything that you can teach him about plants and management techniques. He's very interested in prescribed burning and what he can do to make plant communities return on their own." When Heckmann purchased the farm he was interested in creating food plots. "I found out that if you let the sunlight in and do the burning, all of a sudden you have one big food plot," he said. He has noticed an increase in small game on the farm. "Since we've done this work, we are holding more mature bucks in here during the deer season," he said.

To ensure that the work he has done at BVF will never be lost to development, Heckmann signed a conservation easement with the National Wild Turkey Federation. The easement protects the property from being subdivided or developed. "The primary reason for the easement is so that no one will mess the farm up in the future," he says. "The secondary reason is

that it will help with estate taxes."

For now, Heckmann is happy for the opportunity to make BVF a better place than it was. He enjoys the opportunities the farm provides to him, wife Stacy and their children, Grant, Megan and Trevor enjoying outdoors away from the city. Heckmann says he is thankful for the advice he received from NRCS, MDC, the National Wild Turkey Federation and Quail Forever in developing a management plan for BVF. He is also thankful for the financial assistance to carry out the plan. "I couldn't have done all of this on my own," he says. "We've been very fortunate to have Sarah and NRCS." BVF is a prime example of how good fortune and a desire to work with nature can turn a typical old farmstead into a showcase.

For
Households
& Farmers

PESTICIDE COLLECTION

East Central Missouri Recycling Center
24448 S. Highway 47, Warrenton, MO

SATURDAY, SEPT. 22, 2012, 9:00 A.M. TO 4:00 P.M.

ITEMS ACCEPTED

Fungicides • Herbicides • Insecticides • Pesticides
Rodenticides • De-wormers • Fly-tags
Fertilizers containing herbicides or pesticides

Please Remember...

- Only material that is clearly identifiable as an acceptable item will be allowed.
- NO pesticides from businesses, pesticide production facilities, pesticide distributors or pesticide retailers will be accepted.
- NO other chemicals or waste will be accepted.
- Proof of Missouri residency may be requested.

The Missouri Department of Natural Resources is providing this free opportunity for Missouri households and farmers to properly dispose of herbicides and pesticides. Collection services will be processed by the Environmental Quality Company and overseen by the department's Environmental Services Program and Hazardous Waste Program staff. For more information or questions, contact Ricardo Jones at (573) 355-3274.

Deer Management Workshop

By Lia Heppermann
MDC Private Land Conservationist

Do you ever wonder how many deer you should be harvesting off your property? Would you be interested in making your habitat more attractive to mature bucks? Are you curious about incentive programs available for habitat improvement? If so, this event is for you! The Missouri Department of Conservation will hold this free workshop on Saturday, September 22 from 9am to 2pm at

the Powder Valley Nature Center in Kirkwood. Topics to be covered will include deer biology and behavior, herd and habitat management, data collection techniques and cost share programs.

Registration is required and a complementary lunch will be provided. Seating is limited to the first 200 people, so call today to save your seat. For more information or to register, call 636-528-4877 x3.



Missouri Women in Ag Conference 2012

**September 10-12
Chillicothe, Missouri**

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

WANT TO KEEP UPDATED ON PROGRAM SIGNUPS AND DEADLINES?

Priscilla Eggering & Ryan Green, FSA

FSA offices are moving toward a paperless operation. Producers are asked to enroll in eAlerts which will provide newsletters and electronic reminders instead of hard copy through the mail. FSA, like many organizations, is trying to work smarter to be more efficient. Moving to electronic notifications via email and text will help conserve resources and save taxpayer dollars. If you want to keep updated on the latest program signups and deadlines sign up at your local FSA office for eAlerts. Be sure also to notify the office if you change your e-mail or cell phone.



**Warren & Montgomery County FSA Offices Announces CRP for Haying & Grazing
You Must Contact Office Prior**

Both Warren & Montgomery County FSA offices have managed haying and grazing of CRP available. Also they both have been released for emergency haying and grazing due to the drought. You must though contact the office prior to haying or grazing because there are specific guidelines that must be followed and only certain practices are eligible.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

To file a complaint of discrimination write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

The End of Bear/Brush Creek SALT

By Ann Whitehead, Montgomery SWCD

A traveling tour was held June 19th in the Bear/Brush Creek watershed. Three projects were visited. The first was at Harry Copes where we viewed an inter-seeding of legumes and grazing system. From there we visited John Cobb's. John has installed a pond and terraces for erosion control. John also installed a dry hydrant in his pond. The dry hydrant is used by the fire department to refill the tanker trucks instead of traveling back to town to refill.

The last stop was at Seven Cedars Farms (John Knoll's) where we toured their hi-tunnels that are used to grow vegetables for local Farmers Markets. The Knolls also provided the evening meal with food grown on their farm.



(Above) John Knoll's hi-tunnel was the last stop on the Bear/Brush tour.

(Right) Fire trucks projecting water from the dry hydrant at John Cobb's.



(Right) Harry Cope's livestock watering system in his grazing system.



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 Berry, near Marthasville, 636-932-4035

- 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

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, District Technician

WARREN COUNTY SOIL & WATER CONSERVATION DISTRICT

635 W. Booneslick • Warrenton, MO 63383

Board of Supervisors

Ralph Glosemeyer, Chairman • Steve Tomschin, Vice-Chairman
Richard Eggering, Treasurer • Shelley Rowe, Secretary • Harold Gloe, Member

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
Kim Frier, Office Automation Clerk
Katie Owens & Karen Sinclair, WAE's

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