

Grundy County Conservation Connection

October 2011 – December 2011

Volume 4 Issue 2

<http://www.swcd.mo.gov/grundy>

Women In Agriculture Set for Boonville

By HeatherK



On Tuesday all the ladies loaded the tour bus to begin the adventure to Warm Springs Ranch, Home of the World-Famous Budweiser Clydesdales! Words can NOT describe the beautiful and scenic venue! Staff was impeccable and you could tell they take pride and love what they do. We did learn that when a Clydesdale is born, their birth weight can range from 150-200 pounds. This is unbelievable, but our awesome tour guide reminded us that momma weighs around 2000 pounds! The tour took us throughout the amazing beautiful barn/stable, viewed their awesome mode of transportation across the world and ended with the most amazing part of the day...standing beside and petting one of the Clydesdales.

Please see **WIA** on page 2

Fall Open House Set for October 20th

By HeatherK

Mark your calendars for Thursday, October 20th to stop by the Soil & Water Conservation Office from 9:00am-11:00am for our Open House! This is a time to get some awesome FREE food and chat with SWCD, NRCS, MDC and FSA Staff. As well, you can meet and greet our new SWAT District Technician, Matt Miller.

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Next our tour took us to J Huston Tavern in Arrow Rock for an amazing luncheon. Time was allowed for the ladies to traipse around Arrow Rock and see some of their historic sites. Next stop Starr Pines Christmas Tree Farm. Wayne and Ann Harmon opened Starr Pines to the public on Thanksgiving Day in 1990. Wayne gave tours on his John Deere 620 with trailers in tow. Ladies had the opportunity to enjoy the beautiful trees, see the many varieties of trees and were able to view (from a distance) the bee hives. At the same time Ann, who has been an Aromatherapist for over 20 years took the ladies to the outdoor still where she explained the process to use fresh grown herbs, berries and leaves to distill and utilize the hydrosols to create natural and safe aromatherapies.

On Wednesday our day began with a Stress Management Workshop, followed by a choice of workshops for Lifestyle Habits to Prevent & Manage Type 2 Diabetes and Growing Your Own Herbs. The morning ended with a closing luncheon and guest speaker Teresa Snow, KRCG Television News Anchor. Yet another awesome conference for Women In Ag and all of us ladies look forward to next year!



Welcome Matt Miller, SWAT District Technician



Matt Miller from page 2

Matt Miller joined the district staff September 26, 2011 as MRBI SWAT District Technician I.

Matt received his bachelors' degree in Conservation from Graceland University. He has work experience with Missouri Department of Conservation, and The Nature Conservancy.

Matt resides east of Newtown with his wife, Samantha and his three children, Payton, Hunter and Remington with his fourth due in January. Matt is excited to start working for the people of Grundy County.

HALLOWEEN TREATS AT THE SWCD OFFICE

Bring your lil munchkins in costume to the SWCD Office on Halloween Day October 31st for some treats (while supplies last).
Our office is open 8:00 am - 4:30 pm :D

Cost-Share Report

By HeatherK

REGULAR COST-SHARE ALLOCATIONS/PRACTICES FY2012			
PRACTICE TYPE	# OF PRACTICES	\$'S OBLIGATED TO DATE	
VEGETATIVE COVER			
TERRACE SYSTEMS	12	\$	67,668.22
PONDS	2	\$	20,000.00
BASINS			
STREAMBANK STABILIZATION			
GRAZING MANAGEMENT			
TOTAL \$'S OBLIGATED TO DATE		\$	87,668.22
Report Obligated		\$	87,668.22
MoSWIMS Allocation		\$	194,143.00
Unobligated Funds		\$	106,474.78

Report as of 9-27-11

Fall Food Plot Establishment by Scott Roy, MDC



Did you find yourself scrambling this spring for a dry day or two to put in spring food plots? If it didn't happen, don't despair, you still have time to plant a quality fall food plot. A green browse plot of legumes with a thin stand of grass provides forage for turkeys, deer and rabbits and attracts an abundance of insects for turkey poults and quail.

Green browse plots should be a minimum of one acre with three to five acres being ideal. One plot per forty acres should be sufficient for deer and turkey. Plots should be located on level ridge tops, bottom lands, or along the contour of a gentle slope. The site should be open, tillable and adjacent to suitable escape cover. A strip at least fifty feet from any woodland edge will reduce competition from trees and allow sunlight to reach the planting. A buffer strip of perennial weeds and woody shrubs will develop over a period of time between the browse plot and the timber. There are specific program requirements for establishing food plots on Conservation Reserve Program (CRP) acres. Please check with your local FSA office for guidelines or contact your local MDC, Private Land Conservationist.

Seed bed preparation will take place in September or early October. The ground should be plowed and disked until no live vegetation exists. If the sod is very dense spray the area with a grass herbicide. Always follow label recommendations when applying chemical. The plot should resemble a garden ready to be planted once tillage is complete. A well-prepared seed bed is critical for good seed to soil contact.

There are many commercial green browse mixes available that are excellent blends of clovers and forages. These come at a premium price though. If you are on a budget try this mix: seed 30 pounds of winter wheat and 2 pounds of orchard grass at the time of seed bed preparation. At the same time or through early March overseed the plot with 5 pounds of either inoculated Ladino clover, Red clover, Alsike clover, Korean Lespedeza, or a mixture of these. Here is a little secret. "Regal" Ladino clover is nearly the same as the highly publicized "White-tail Deer Clover", but costs considerably less! Regal produces a very lush stand of clover on soils with high fertility.

Fertilizer and lime should be applied and worked into the soil at the time of seed bed preparation. Correct fertilization is essential for successful establishment and maintenance of the browse plot. Obtain a soil sample for each plot site and take them to

Food Plot from page 4

the University Extension Center for analysis. The results will show what fertilizer should be added.

If soil test recommendations cannot be obtained in time for planting, the following recommendations for a starter application should be sufficient. Apply 500 lb. of 6-12-12 fertilizer per acre at the time of seed bed preparation. This amount may be sufficient for three to four years at which time a fertilizer top-dressing may be required.

Ag lime can be applied at the rate of three to four tons per acre. A soil test will indicate the need for additional lime if the soil pH needs to be regulated. Ag lime should be applied 3 – 6 months in advance. Incorporating the lime into the soil will provide quicker absorption. Pelleted lime may be substituted for ag lime at a rate of one to two tons per acre due to a higher ENM value (effective neutralizing material). This can be mixed in the cart with the rest of the fertilizer. To keep your plots healthy some annual maintenance is required. Mow the plots each year between July 1 and July 15, using either a rotary or sickle mower. After three or four years, if the grasses or weeds have crowded out the legumes, renovate the plot and re-seed it.

Having a balance of green browse plots and grain plots ensures maximum wildlife benefit. As a rule of thumb if your farm is surrounded by crop fields you will want to plant more green browse plots than grain plots. Remember, the intent of a food plot is a supplemental feeding source for wildlife to get them through the winter, not to keep them fat year round. If you would like more information on wildlife management practices or desire a visit to the farm contact your local Private Land Conservationist!

FY 2011 Statistics

Grundy County SWCD FY2011 Statistics



Tons of Soil Saved – 20,343.5
Feet of Terrace Installed – 55,822
Cubic Yards of Earthwork – 4,410
Acres Served – 492.7

Tech Notes by Kevin Stover

Important seeding information for the 4th quarter of 2011:

The last acceptable date for the seeding of cool season grasses is October 15th with a no-plant period from October 16th through November 30th. Dormant season planting of cool season grasses may resume for the period of December 1st through March 15th. The acceptable dormant planting season for warm season grasses is November 16th through March 15th.

Cost-Share sign up:

The Grundy County SWCD maintains a 12 month open and continuous sign up for conservation practice cost-share funds. The funds are dispersed on a first-come first-serve basis according to chronological order. If you have questions about any of our cost-share practices please call or stop by our office.

Equipment Notes by Kevin Stover

A special update for everyone in this final quarter of 2011, the Grundy County SWCD has updated its rental tractor offering with a New 7430 Premium John Deere 4wd tractor. Was there something wrong with the old one? No. The availability of a new tractor prior to fall harvest and planting season arose and the District chose to take the option to update before the end of the year. This tractor is a twin to the previous 7430 and is equipped with 540/1000 pto, 4 hydraulic spools, and MFWA. For more details give us a call at the office or email kevin.stover@swcd.mo.gov.

The following is a listing of the new In-County and Out-of-County rental rates for all of the Grundy County SWCD's rental equipment. There were some increases in rental rates but this is the first increase in rates since 2007. Please review the two charts and if you have any questions please give us a call.

The Grundy County SWCD is always looking for new ideas for equipment that would be beneficial to producers and landowners in Grundy County. If you have any ideas or suggestions on future equipment purchases, please call or stop by the office.

Equipment	Deposit	Rate*	Out of County
John Deere 7430 Tractor	\$500	\$22/Hr.	\$25/Hr
John Deere 6430 Tractor	\$500	\$22.Hr.	\$25/Hr
Great Plains 12' No Till Drill	\$200	\$8/Acre	\$10/Acre
Rhino 15' Cutter/Shredder	\$200	\$150/Day	\$200/Day
Vermeer Mulcher/Processor	\$200	\$100/Day	\$200/Day
Krause 24' CultiPacker	\$200	\$8/Acre	\$10/Acre
Ogden 18' Pasture Harrow	\$200	\$100/Day	
\Toreq 6 yd Scraper	\$200	\$100/Day	\$200/Day
Durabuilt 10' Boxed Scraper	\$200	\$75/Day	
Bush Hog 80" Rotary Tiller	\$200	\$50/Day	
Plotmaster Seeder	\$200	\$50 First Day	
Root Plow	\$200	\$10/Day	
Burn Control Unit	\$200	\$75/Day	\$100/Day
Controlled Burn Tools	\$25	Deposit Only	
Survey Equipment	\$100	\$15/Wk	N/A
Electric Seeder	\$25	Deposit Only	

* Daily or per use minimums may apply and multiple day discounts may be applicable.

****Clean up charge is \$50/hr with 1 hr minimum**

Equipment Notes by Kevin Stover

	Size	Rental Fee	Deposit	Tractor Size Required	Minimum Rental	Special Requirements
Great Plains 12' No Till Drill	12', 8" spacing	\$8.00/acre/In County \$10.00/acre/Out-of-County	\$200/\$400	80 horsepower (min), weighing at least 8,000#	\$50.00	Dual hydraulics, <u>very tongue heavy</u> , bring tools, pioneer ends No 1/2 Ton Pickups to pull this equipment
Vermeer Big Bale Mulcher	1 bale/2000# max.	\$100.00/day	\$200/\$400	80 horsepower, weighing at least 8,000#	\$75.00	Bring 3/4" hitch pin, <u>very tongue heavy</u> , 1000 RPM shaft, dual hydraulics, pioneer ends No 1/2 Ton Pickups to pull this equipment
Rhino Rotary Cutter	15 ft.	\$150/day \$900/7 day week	\$200/\$400	80 hp, weighing at least 8,000#	\$150.00	Bring hitch pin, <u>very tongue heavy</u> , 1000 RPM shaft, dual hydraulics, pioneer ends No 1/2 Ton Pickups to pull this equipment
Toreq Scraper	6 c. yds	\$100/day \$75.00/day 2 or more \$450/wk.	\$200/\$400	2-wheel drive, 80-125 hp, front wheel assist ok, no 4WD	\$100.00	Bring hitch pin, pioneer ends, dual hydraulic No 1/2 Ton Pickups to pull this equipment
Durabilt Box Scraper	10'	\$75/day	200/\$400	40-125 hp	\$75.00	No 1/2 Ton Pickups to pull this equipment
Root Plow 18" - 24" Deep		\$10.00	\$200/\$400	80 hp, weighing at least 8,000#	\$10.00	Pull Type Caddy for unit bring your own pin
Krause Multi-packer	24 ft.	\$8.00/acre In County \$10.00/ac Out-of-County	\$200/\$400	80 horsepower	\$75.00	Dual Hydraulics, Bring 1" hitch pin No 1/2 Ton Pickups to pull this equipment
Ogden Harrow	24 ft.	\$100/day	\$200/\$400	60 to 120 horsepower	\$100.00	Bring hitch pin.
Rotary Tiller	80"	\$50/day	\$200/\$400	30 to 85 horsepower 2WD recommended	\$50.00	Unit is 3pt Mounted Only. Bring Tractor or your own low access height trailer
Plotmaster Seeder	4 ft.	\$50 for the first day and \$25 for each day thereafter	\$200/\$400	NOT over 35 hp	\$50.00	ATV of at least 300cc or larger (2 or 4WD) is recommended for pulling or tractor no larger than 35 hp
John Deere Tractor	7430 Premium 140 HP w/540 and 1000 rpm PTO	\$22/hour In County \$25/hour Out-of-County	\$500/\$1000		\$100/day	Must be returned full of fuel. NO SMOKING
John Deere Tractor	6430 Premium 105 HP w/540 and 1000 rpm PTO	\$22/hour In County \$25/hour Out-of-County	\$500/\$1000		\$100/day	Must be returned full of fuel. NO SMOKING
Misc.						
Survey equipment rental: Rental fee-\$15.00/up to one week. Deposit-\$100.00	Electric seeder: Deposit (\$25) refunded upon return of equipment & inspection for damage	Burn Equipment: Deposit (\$25) refunded upon return of equipment and inspection for damage	drip torch 50/50 mix gas/diesel			

Kids Corner – Fun Food Facts

More Pumpkin Facts...

There are four types of pumpkins: "Cheese" pumpkins are grown for eating, "Stock" pumpkins are grown to feed livestock and make jack-o-lanterns, "giant" pumpkins, and small "ornamental" pumpkins.

Carved pumpkins only last about four days but uncut pumpkins, kept in a cool place remain firm for several months.

It takes 3-4 months for a seed to become a pumpkin. And pumpkin stems are more square than round. - Apples and Pumpkins By: Dayle M Timmons

This excerpt was found at http://www.mercednutrition.org/Uploaded_Documents%5CHOTM-OCT-PUMPKINS.pdf

Kids Corner – Décor & Craft Ideas

Pumpkin Pillow

Supplies: newspaper; scissors; 1 yard orange, 1/4 yard black, and 1/8 yard green polar fleece or felt; permanent marker; fabric glue; and fiberfill.

1. Begin by drawing a pumpkin shape on newspaper. Make pumpkin large, as it will seem smaller after stuffing.
2. With the help of an adult cut out pumpkin.
3. Place it over orange fabric and trace around it with permanent marker. Repeat this step to get two matching pieces of fabric.
4. Cut out 2 pieces; place one directly on top of other, marked sides together.

5. Apply thin layer of fabric glue, a few inches at a time, 1/4 inch from edge to seal edges. Leave 4-inch section at top unglued so you can stuff it. Let glue set overnight.

6. Stuff pillow with fiberfill and then glue opening closed.

7. To add a stem, cut it out of green fleece and place it between 2 pieces of orange paper before gluing them closed.

8. If you want to give your pumpkin eyes, a nose, and a mouth, cut them out of black fleece and glue them to the stuffed pillow.

Kids Corner – Recipe

Puppy Chow

- 6 cups Crispix cereal
- 1/2 cups peanut butter
- 1/2 cups butter
- 1/2 cup chocolate chips
- 2 cups powdered sugar

Melt peanut butter, butter, and the chocolate chips together in the microwave or on the stove. Melt until the 3 ingredients are smooth. After the melting, put the cereal in a large bowl, and pour the mixture on top of the cereal. Next stir the cereal and the mixture carefully so that the Crispix cereal is well covered with the mixture.

Put the powdered sugar in a large plastic bag. Add the cereal mixture in and zip the bag closed tightly. Shake well until the cereal mixture is covered and well coated. Serve as a snack and enjoy!

This recipe was found at <http://www.easy-kids-recipes.com/no-bake-dessert-recipes.html>

Mission Statement

The purpose of the Grundy County Soil and Water Conservation District (SWCD) is to construct and carry out a complete soil and water conservation program on all lands within Grundy County, Missouri. The district supervisors will work with all individuals, organizations and agencies interested in saving, maintaining and improving soil and water resources within the district.

Non-Discrimination Statement

"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."

2011 Upcoming Events

Holiday Closings**October**

10th – Columbus Day

November

11th – Veterans Day

24th – Thanksgiving Day

December

26th – Christmas Day
(Observed) Holiday

EVENTS

October 20th
Fall Open House
at SWCD Office from
9am-11am

October 31st
Halloween Treats at the
SWCD Office

SWCD Board Meetings

October 17th – 9:00am

November 21st – 9:00am

December 19th – 9:00am

Board Meetings are held at the
USDA Service Center
3415 Oklahoma Avenue

All meetings are open to the public with the exception of executive sessions. If you wish to be on the agenda please notify the District



conserving
natural resources
for our future

Grundy County SWCD
3415 Oklahoma Avenue
Trenton, Mo 64683

**Happy Holidays to you
from the Staff!**

