

Greene Lines

Greene County Soil & Water Conservation District Newsletter

Summer 2014

Livestock Producers May be Eligible for Drought Compensation

- by Mark Cadle, USDA Farm Service Agency

Missouri State Executive Director

Did you own livestock in 2012? What a year that was! Pastures and ponds dried up. Hay was a hot commodity and in some cases, hard to find. Things may have looked pretty bleak at the time. Fast forward to the passage of the 2014 Farm Bill with legislation authorizing the Livestock Forage Disaster Assistance Program (LFP).

The Farm Bill provided retroactive authority to cover grazing losses back to Oct. 1, 2011. If you owned livestock during this time, you may be eligible for payment through the USDA Farm Service Agency (FSA). Sign up for LFP began in April and I encourage livestock producers who have not applied to contact their local FSA county office as soon as possible.

Drought compensation payments are equal to 60 percent of the monthly feed cost for up to five months. FSA calculates LFP payments based on head of eligible livestock owned or leased at the time of the drought or by the carrying capacity of the grazing land.

Eligible livestock include beef and dairy cattle, alpacas, buffalo, beefalo, deer, elk, emus, equine, goats, llamas, poultry, reindeer, sheep and swine that would have been grazing during the drought. The livestock must have been maintained for commercial use as part of the farming operation. For example, excluded uses include animals used for recreational purposes such as show animals, pets or pleasure riding or roping. If you sold, or otherwise disposed of your livestock because of the drought, you may still qualify for a payment.

Applying for the program is fairly simple. FSA will have you certify the number of acres and types of forage and the number of head of livestock you owned or leased in 2012. In some counties, there was a qualifying drought event also 2011 and 2013. Your local office will be able to tell you how many months will be used in your payment calculation.

In Missouri, we have processed over 31 thousand applications to date. If you have not already applied or set an appointment, please contact your local FSA office for additional information. A listing of USDA Service Centers can be found at www.fsa.usda.gov and click on "Contact Us".

Inside this Issue:

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- Longtime Manager Leaves
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From left to right: Larry Jones, past Board Chairman; Deneen Jenkins, District Manager; Tom Huff, current Board Member

Deneen Jenkins Leaves After 23 Years With The District

Deneen Jenkins, longtime Manager for the Greene County SWCD, decided to leave in November after 23 years with the District. Deneen plans to work full time managing her husband Jim's business, Hydro Clean. Deneen has been responsible for the day to day administration of the office and was the smiling face many of you saw when you came in for a visit. The District Board of Supervisors presented her with an engraved clock as a token of their appreciation. In the photo above both past and present board members were there to say thank you for all her years of service to the district.

Greene County SWCD Board of Supervisors

Adrian Murray Farmer, Ash Grove	Chair
David Hall Farmer, Attorney	Vice-Chair
Joann Pipkin Farmer, Republic; Freelance writer	Treasurer
Pat Byers UMC Extension - Appointed Member	Secretary
Tom Huff Farmer, Fair Grove	Member



Mark your calendar

**Spring Forage Conference
for 2015
March 3, 2015**

For more information contact us @
831-5246 Ext. 3
www.swcd.mo.gov/greene



Walnut Twig Beetle



Asian Longhorn Beetle



Kudzu Bug

Invasive Insects Poised to Enter Southwest Missouri

Patrick Byers, Regional Horticulture Specialist
MU Extension – Greene County

Entomologists with the University of Missouri, Missouri Department of Agriculture, and Missouri Department of Conservation are on the lookout for several invasive insects that will in time become serious problems for southwest Missourians. **Japanese beetle** is familiar to most, and can be a pest of ornamentals and food crops such as grapes and sweetcorn. Also already present in SW Missouri is the **spotted wing drosophila** (SWD), a small fruit fly that is a serious pest of berries and soft fruit such as cherries and mulberries. The adult female SWD lays eggs inside ripe fruit. The resulting larvae feed on the fruit which quickly becomes unmarketable. This insect was a serious pest in 2013 and 2014. The next likely arrival is **brown marmorated stink bug** (BMSB), a pest of fruit, vegetables, field crops, and nursery crops. BMSB feeds by piercing plant parts and sucking sap. Fruits and vegetables are deformed, and the yield of field crops such as soybean is reduced. Though a single BMSB was identified in Missouri in 2013, none have been reported to date in 2014. **Emerald ash borer** (EAB) has been in the news perhaps more than any other invasive insect. The larval stage of this small green beetle feeds under the bark of ash trees, with the usual result being the death of the tree. EAB was originally identified in southeast Missouri, but was more recently collected in the Kansas City and St. Louis areas. Another tree pest is the **walnut twig beetle**, which carries and spreads thousand cankers disease (TCD), deadly to eastern black walnut. The presence of TCD has not been confirmed in Missouri, but the walnut twig beetle and TCD are found in Tennessee and several other neighboring eastern states. TCD is of particular concern for Missouri, as eastern black walnut is a dominant forest species and of considerable economic importance. Other potential insect pests to watch for:

- **Asian longhorn beetle** range is primarily in eastern US. This large beetle feeds on a wide range of tree species and can result in tree death.
- **Imported red fire ant** colonies have been identified and eradicated in southern Missouri.
- **Gypsy moth** infestations can defoliate trees; to date the scattered infestations in Missouri have been eradicated.
- **Kudzu bug**, a type of stink bug, is a serious pest of soybeans.

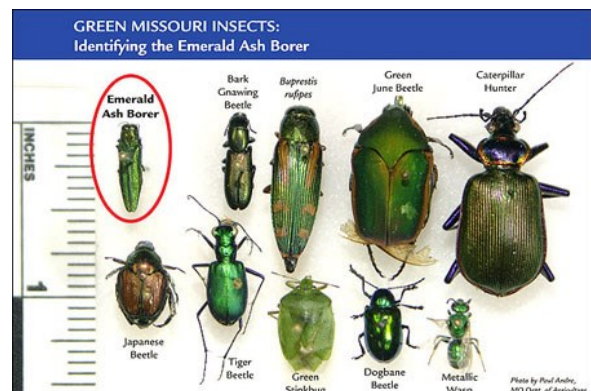
Further information on invasive insects, such as aids in identification and management, are available from the state agencies mentioned above. Suspicious insect specimens may be submitted to the Greene County MU Extension office for identification. .

Visit: Greene County Extension website, <http://extension.missouri.edu/greene>

Spotted Wing Drosophila



Brown Marmorated Stink Bug



Cover Crop Pilot Practice



Pictured above is a rye cover crop planted into corn stubble.

A cover crop pilot practice has been established statewide by the Missouri Soil and Water Conservation Commission. Each Soil and Water District in the state will have the opportunity for landowners to implement cover crops on a limited number of acres for fiscal year 2015. The practice will provide a \$30 an acre incentive for producers implementing cover crops under a required no-till system, with a 20 acre Maximum.

The purpose of the cover crop practice is to reduce Soil Erosion, improve Water Quality and increase Soil Health. This practice applies to no-till cropland where row crops are grown and a cover crop management system is not currently being implemented. Contracted acres must be in a minimum 2 specie crop rotation. This practice applies to fall seeded cover crops only. Cover crops cannot be grazed or mechanically harvested for this program. Cover crops may be terminated by frost, chemical application or properly timed roller/crimper operations or flail mowers. Tillage as a means of killing the cover crop is not an option. Cost share is not authorized for Pasture or Hayland. Contact the Soil and Water District office if interested in Cost Share for Cover Crops.

Variety	Depth	Drilled (lbs/A)	Broad- cast (lbs/A)	Drilled Middles (lbs/A)	Inoculant Type	Reseeds
Annual Ryegrass	0-½"	12	20	3	NA	Usually
Winter Rye	¾-2"	50	75	15	NA	Usually
Winter Wheat	½-1½"	60	80	20	NA	Sometimes
Red Clover	¼ - ½"	9	12	2	Red, White Clover	Sometimes
White Clover	¼ - ½"	3	5	1	Red, White Clover	Reliably
Field Pea	1½ - 3"	50	70		Pea, Vetch	Usually
Turnip	¼-½"	2	3		NA	Usually
Oilseed Radish	¼-½"	5	8		NA	Sometimes

BOIS D'ARC Regional Grazing School

October 7, 8, 9, 2014

Bois D'Arc, MO (NW of Springfield, MO approx. 10 miles)

*A 3-day seminar on Management-intensive Grazing for economic and environmental sustainability will be held on **October 7, 8, 9, 2014***

This school is sponsored by the USDA-Natural Resource Conservation Service, University of Missouri Extension Service, and The Greene County Soil and Water Conservation District

ALL SESSIONS ARE PART OF THE GRAZING SCHOOL AND MUST BE ATTENDED AS A WHOLE.

Maximum Registration is 40 People

Registration fee has been set at **\$95.00 per person and \$50.00 for additional persons** from the same operation (will receive only one set of books and reference materials). The fee includes lunches, breaks, plus: Missouri Grazing Manual from University of Missouri Forage Systems Research Center, Linneus, MO; Missouri Livestock Water Manual; Missouri Electric Fencing Manual; Missouri Forages Manual and other pertinent materials.

Registration is based on **first come - first serve basis, upon receipt of the registration fee.** If the class is full, registration fee will be returned. **NO CREDIT CARDS ACCEPTED**

REGISTRATION FORMS AND PAYMENT MUST BE RECEIVED NO LATER THAN SEPTEMBER 22, 2014.

REGISTRATION FEE WILL NOT BE REFUNDED AFTER SEPTEMBER 22, 2014.

DIRECTIONS WILL BE SENT TO YOU WITH YOUR REGISTRATION CONFIRMATION LETTER

Any questions, contact:

Greene County Soil & Water Conservation District/ NRCS

688 S. State Hwy B, Suite 200

Springfield, MO 65802

417-831-5246, ext.3

email: mark.green@mo.usda.gov

------(Cut off and return this portion with payment)-----

2014 Bois D'Arc MiG Grazing School Registration Form

REGISTRATION AND PAYMENT MUST BE RECEIVED NO LATER THAN SEPTEMBER 22, 2014

NO CREDIT CARDS ACCEPTED

Name _____ Individual _____ (\$95.00 ea.)

Name of Extra Person: _____ Extra Person _____ (\$50.00 ea.)

Address _____

City _____ State _____ Zip _____ County _____

Telephone (_____) - _____

Email Address _____

Please enclose check for full amount payable to: "Greene County SWCD"

Return check with registration form to: Greene County Soil and Water Conservation District

688 S. State Hwy B, Suite 200

Springfield, MO 65802

**Greene County Soil and Water
Conservation District**

Equipment For Rent In Greene County

**New For Fall 2015
107C Haybuster
No-Till Drill**

- \$10.00 per acre with a \$100.00 minimum
- 50 hp Tractor with hydraulic attachments required
- 10' wide with 7" row spacing
- 14" double disc openers
- 2" x 15 1/2" press wheels
- Legume, Warm Season Grass and Grain boxes
- 28 Bu capacity



Seeding Dates
Aug. 15 – Oct. 1
Jan. 1 – Feb. 15
(Dormant)
March 1 – May 15
April 1 – June 15
(warm season)

www.swcd.mo.gov/greene

Other Equipment available includes: John Deere 1590, Haybuster 77C, Spinning Jenny, fence splice crimpers and soil augers.

Equal Opportunity Employer and Provider.

**For information about
State and Federal
Cost Share Programs
please contact us at
417-831-5246 Ext. 3**

www.swcd.mo.gov/greene

**Greene County SWCD
688 S. State Hwy B, Suite 200
Springfield, MO 65802**

NON-PROFIT
ORGANIZATION
U S POSTAGE
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Springfield MO
Permit 248

Or Current Resident