

Ste. Genevieve County Soil and Water Conservation District

711 Pointe Basse Dr. ~ Ste. Genevieve, MO 63670 ~ 573-883-3566



Jessica Naeger - District Specialist I
Rebekah Naeger - District Specialist III
Art Flieg - Equipment Manager

EARTH TEAM VOLUNTEERS
Art & Donna Flieg

SOIL CONSERVATION NEWS



James Hunt - District Conservationist
Leann Schmidt - Soil Conservationist

Missouri Department of Conservation
Kyle Lorenz
Private Land Conservationist

Meeting Date & Time Posted

Winter 2017

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New SWCD Assistance Process

The Ste Genevieve County Soil & Water Conservation District (SWCD) has assisted all landowners that were on the waiting list. In an attempt to increase the level of our customer service we are adopting a new Landowner Assistance Request process. This process has been used by NRCS (National Resource Conservation Service) for years. How will this affect you? Our hope is to meet with producers prior to spring planting to assess erosional concerns. If the producer decides to accept the recommendations, survey and designs will be completed during the crop growing season. Once the crop is harvested, erosion control structures can begin. For our pasture and hay producers, we would like to have assessments completed in late spring for construction in August and seeding completed by early September.

With this new process we will be able to get your technical work done in a timely manner. This list will be for both SWCD and NRCS so you may need to provide more information to the office up front. If you have erosional concerns or would like cost share practices and you are ready for assistance come in and our technician will set an appointment to assess your needs.

Enroll in the 2018 Agriculture Risk Coverage/Price Loss Coverage Program

Producers on farms with base acres under the safety net programs established by the 2014 Farm Bill, known as the Agriculture Risk Coverage (ARC) or Price Loss Coverage (PLC) programs, can visit their local FSA office to sign contracts and enroll for the 2018 crop year. If a farm is not enrolled during the 2018 enrollment period, the producers on that farm will not be eligible for financial assistance from the ARC or PLC programs for the 2018 crop should crop prices or farm revenues fall below the historical price or revenue benchmarks established by the program. Producers who made their elections in 2015 must still enroll during the 2018 enrollment period. Producers must report all cropland on a farm enrolled in the 2018 ARC/PLC program to be eligible for potential benefits. For more information, producers are encouraged to visit the Ste Genevieve County FSA office or call 573-883-2703 ext. 2. USDA is an Equal Opportunity Provider, Employer and Lender

Ste. Genevieve
County Surveyor
Gerald Bader
Missouri RLS.

16255 Sugar Bottom Road
Ste. Genevieve, MO 63670 Phone: 573-483-2777



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United States Department of Agriculture: Natural Resources Conservation Service

Contact: Charlie Rahm Phone: 573-876-0911

Date: November 1, 2017

FOR IMMEDIATE RELEASE

Farmers Encouraged to 'Keep the Stubble' during No-Till November

During a special month-long campaign called "No-Till November," the USDA Natural Resources Conservation Service (NRCS) is encouraging Missouri farmers to "keep the stubble" on their harvested crop fields and improve soil health.

"The No-Till November campaign encourages farmers to keep tillage equipment in machine sheds this fall because tillage reduces the amount of valuable crop stubble on the surface of their fields. The project is mirrored after the national cancer awareness "No-Shave November" campaign that encourages men to not the shave during the month." "No-till farming, especially in conjunction with using cover crops, is the best thing that farmers can do to improve soil health," said State Conservationist J.R. Flores. Flores cited four basic principles for soil health: 1) Keep the soil covered as much as possible; 2) Do not disturb the soil; 3) Keep plants growing throughout the year to feed soil organisms; 4) Use plant diversity to increase diversity in the soil.

Managing for healthier soils leads to increased organic matter, more soil organisms, reduced compaction and improved nutrient storage and cycling. Healthy soils absorb and retain more water, making them less susceptible to runoff and erosion, which means more water is available for crops when they need it. Farming practices that benefit soil health can improve profits because farmers spend less on fuel and energy. Many farmers also report that their yields increase as the health of their soil improves over time. "No-till is the basic management tool behind building healthier soils," Flores said. "The other principles are important, too, but making the decision to limit fall tillage is the key first step for farmers to take to improve soil health. No-till November is a good place to start." For more information about soil health and the No-Till November campaign, please go to www.mo.nrcs.usda.gov.

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Fiscal Year 2017 SWCD Accomplishments

In fiscal year 2017 the Ste. Genevieve County Soil and Water conservation District provided cost share to county landowner for the flowing practices:

(4) DSL -01 Permanent Vegetative Establishment	\$12,622.89
(1) DSP – 3.1 Planned Grazing System Water Development	\$5,016.00
(2) DSP- 3.2 Water Distribution	\$14,008.00
(1) DSP-3.3 Planned Grazing System Fence	\$2,484.00
(2) DSP-31 Sinkhole Improvement	\$8,027.43
(7) DWP-01 Sediment Retention, Erosion or Water control Structure	\$33,558.18
(62) N340 Cover Crops	\$115,829.00
(3) Field Border	\$14,157.20
(3) N410 Drop Pipe	\$10,010.94
(5) N472 Livestock Exclusion	\$10,124.56
(3) N574 Spring Development	\$8,379.26
(4) N590 Nutrient Management	\$6,764.00
(1) N725	\$1,984.99
	\$242,966.45

Total funding from SWCD in Ste. Genevieve



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Ag leaders gather to discuss solutions for dicamba use in 2018

Linda Geist - Writer
University of Missouri Extension
Phone: 573-882-9185
Email: GeistLi@missouri.edu

Published: Wednesday, Aug. 30, 2017

Story source: Robert L. Kallenbach, 573-882-6385

COLUMBIA, Mo. - University of Missouri Extension brought farm, agribusiness and agency leaders together Aug. 24 to address issues associated with the use of dicamba and discuss a path forward for dicamba in 2018. Chemical manufacturers, retailers and applicators, crop association representatives, Missouri Department of Agriculture, Missouri Farm Bureau, farmers and MU weed scientists were among the cross section of agriculture leaders attending. Robert Kallenbach, assistant dean at the MU College of Agriculture, Food and Natural Resources, said the group met to exchange perspectives on the use of dicamba going forward. Farmers have used dicamba, mainly for broadleaf weed control in corn, sorghum, wheat and pastures, since the 1950s. In 2015, Monsanto introduced dicamba-tolerant cotton and added dicamba-tolerant soybean in 2016. Monsanto introduced both to provide growers with additional options for difficult-to-control weeds. The Environmental Protection Agency approved new formulations of dicamba for use in tolerant soybean and cotton earlier this year. Growing concern and injury complaints prompted the Missouri Department of Agriculture to temporarily halt sale and application of dicamba in July. New restrictions, via Special Local Need labels, were issued on July 13. Widespread crop damage from dicamba grew in 2017 to more than 325,000 of Missouri's 6 million acres of soybean. Damage to residential yards and smaller acreages of peaches, watermelons, tomatoes, grapes, pumpkins and certified organic vegetables were reported. Complaints in 2016 were limited primarily to Missouri's Bootheel region, but in 2017 complaints came from more than 50 counties across the state. Complaints grew from 130 in 2016 to 303 to date in 2017. Kallenbach said attendees expressed a desire to identify a path forward that best serves the interests of Missouri farmers. "The group put several good ideas on the table that warrant serious consideration," Kallenbach said.

Input from this meeting, along with feedback from other stakeholders and surrounding states, will be used to determine future direction.

Seven Weed-Management Apps You Need on Your Phone

April 11th, 2017

Put that phone in your pocket to good use. Download these free phone and tablet apps to up your weed-management game.

1. Site of Action Lookup Tool

Why: Quickly ID the site of action (SOA) of popular herbicides you are using or considering. To help you diversify your SOAs, this Take Action tool also provides you with a list of products you should avoid using. *Android, iPhone, iPad*

2. ID Weeds

Why: Identify weeds quickly and easily with this app from the University of Missouri. You even can find a list of suspects by entering characteristics that describe your unknown specimen. *Android, iPhone, iPad*

3. Windfinder

Why: This weather app shows you the wind speed and direction front and center, right where you need it when preparing to spray. *Android, iPhone, iPad*

4. Calibrate My Sprayer

Why: Sprayer calibration is essential for maximizing weed control and minimizing crop and off-target injury. This app, developed by Clemson University, is user-friendly – input broadcast or banded, nozzle spacing, nozzle number, speed and spray volume, and you are ready to go. *Android, iPhone, iPad*

5. Agrian

Why: Allows you to quickly find and read chemical labels, including supplemental labels and updates. Keep in mind that the information on Agrian is for the entire United States, and not all products are registered for use in every state. Farmers with Android phones can access the label-lookup tool from Agrian's [homepage](#). *Android, iPhone, iPad*

6. Mix Tank

Why: Determines the order to add products to the spray tank to ensure compatibility. It also allows applicators to quickly create, save and share spray logs with GPS information and integrated weather data. Spray logs on this app from Precision Laboratories, Inc. feature a stopwatch to record start and stop times, as well as total spraying time. *Android, iPhone, iPad*

7. SpraySelect

Why: Quickly and easily choose the proper spray tip for a given application. Simply enter speed, tip spacing and target rate, select the droplet size category, and this TeeJet app provides a list of recommended tips. *Android, iPhone, iPad*

These apps are listed in no particular order. The Take Action program is not affiliated with any of these providers. The United Soybean Board and all Take Action partners neither recommend nor discourage the implementation of any advice contained herein and are not liable for the use or misuse of the information provided. <http://iwilltakeaction.com/news/seven-weed-management-apps-you-need-on-your-phone>



4th Annual Health Clinic

December 12, 2017

Three Rivers College

Sikeston, MO



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AGENDA

- 8:00 Registration
- 9:00 Rain Simulator - Doug Peterson
- 9:30 Soil Health - Matt Griggs
Water Infiltration - Damon Dowdy
Allen Below
- 10:30 Break
- 10:45 Cameron Mills
- 12:00 **Lunch provided**
- 1:00 Breakout Session 1
- 2:00 Breakout Session 2
- 3:00 Breakout Session 3
- 4:00 NRCS /SWCD Cost Share Programs
Q & A

BREAKOUT SESSIONS

Rice	Peter Rost , Jr Tommy Riley
Grazing	Doug Peterson Joe Hendley
Cotton	Matt Griggs Allen Below Keith Mayberry
Corn/Beans	Cameron Mills Johnny Hunter

CAMERON MILLS



Cameron Mills grew up on his family farm near Walton, Indiana. He took over the farming operation from his father in 1998. Cameron has grown his operation from 600 to 4,000 acres. He introduced no-tilling in 2000. After learning about cover crops at a No-Till Conference in 2005, he and his wife, Cara, began implementing the practice and have expanded their acreage every year. Cameron has spoke about his experiences throughout the Corn Belt and in Ontario. He has been featured in several magazines such as Successful Farming, Corn & Soybean Digest, and No-Till Farmer. We are very pleased to have Cameron with us this year to share his experiences.

MATT GRIGGS



Matt is a 5th generation farmer that grew up on his family farm. He took over the day to day operation of this Tennessee Century Farm in 2005. He has a diverse rotation which includes corn, soybeans, cotton, wheat, and rye on 1700 no-till acres. Matt began experimenting with cover crops in 2011. By 2014, he was raising them on a large scale and he currently has 100% of his ground covered with either cover crops or wheat. Matt has received several awards from organizations such as American Soybean Association, NRCS, NACD and TACD. He has hosted several groups to his farm, been a guest speaker and is a true advocate for soil health.

RSVP for lunch by Dec 6th - call (573) 624-5939 x3



United States Department of Agriculture

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If you need an accommodation, please contact Warren Cork by December 6th at (573) 243-1467 ext 6

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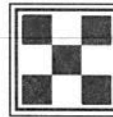
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