



402 N. WALNUT, STE. 125 ** HARRISON, AR 72601
(870) 741-8600 X. 3 *** WWW.BOONECD.COM

Boone County Conservation District Newsletter

Boone County Nut Sales

We will be selling nuts once again this year! Order forms will be mailed out in the next few weeks. Thank you to all of our customers!

At this time we are unsure what varieties maybe sold. But in years past we have had pecan pieces / halves; peanuts; chocolate covered nuts; walnuts; and pecan logs.



Find the

Read our newsletter and look for the black/white bee! Once found, email us your answer at:

lisa.widner@ar.nacdnet.net

Give us your full name, phone number, and where the bee is located.

All correct answers will be entered in a drawing for a hand-crafted birdhouse.

Our Mission:

TO WORK WITH OTHER ORGANIZATIONS & LAND OWNERS HAVING SIMILAR GOALS TO PROMOTE THE CONSERVATION OF OUR NATURAL RESOURCES.

District Staff: Jack Hensley Lisa Widner

NRCS Staff: Chris Bove James Black Colby Smith Linda Warren

Crooked Creek Watershed Project

Boone County: Oct '19-Oct '22

This Project was a voluntary effort for landowners that provided financial assistance to install practices that conserve and improve soil and water resources while providing economic advantages.

We are in the final days of the Project. Operators were paid a cost share at a maximum of 40% of the total cost of practice implementation Cost share didn't exceed \$7,500 per operator.

Listed below are the practices paid on and the amounts installed:

- Cross Fencing: 20,191 ft
- Livestock Pipeline: 3234 ft
- Heavy Use Area: 9
- Watering Facilities: 9
- Prescribed Grazing: 69.1 ac

Thank you to all the operators who participated in our program.

Board Directors

**Bill Burns Wayne Crunkleton
David Thompson James Widner
Nita Cooper**

Prussic Acid Toxicity.....Article Reprint From Noble Foundation

<https://www.noble.org/news/releases/watch-cattle-closely-as-risk-of-prussic-acid-toxicity-increases-during-drought-after-rains/>

ARDMORE, Okla. — Both summer and fall are important times for ranchers to keep an eye on cattle that graze where Johnsongrass is present, due to the risk of prussic acid toxicity. Clark Roberts, manager of Noble Research Institute's Coffey Ranch at Marietta, Oklahoma, says that drought conditions put him on high alert for two reasons. "Anything that physically stresses Johnsongrass, such as drought in summer or freezing in the fall, can increase the amount of prussic acid in this invasive forage plant," he says. "Secondly, with rain after drought, or warm temperatures after a frost, the fresh, green growth is one of the first things the cows will go after. That's the danger, because those young leaves are higher in prussic acid."

Prussic acid, known as hydrocyanic acid or cyanide, can form in plants in the Sorghum genus in different concentrations, depending on the species. Johnsongrass, grain sorghum and sorghum alnum (Columbus grass) are all on the high end. As Roberts explained, the prussic acid, which can be fatal, is more concentrated in the leaves, especially younger leaves in the upper part of the plant, and more so during rapid regrowth after drought or frost injury. Roberts manages cattle and sheep, focusing on applying the six soil health principles. He says there are steps one can take to try to prevent rumi-

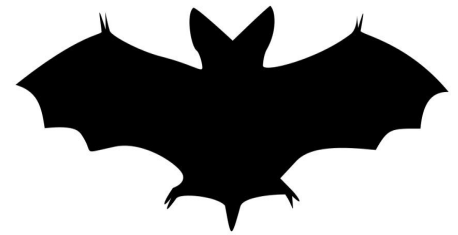
nants from ingesting too much Johnsongrass when it is in highly toxic stages. They include:

1. Grow and offer a diversity of forages.
2. Don't turn animals out to graze areas with Johnsongrass after mowing, haying, or grazing when the plants are regrowing after stress from drought or freezing until the plants are at least 18 to 24 inches tall.
3. Be sure animals are not hungry when first grazing a new field with the potential of prussic acid ingestion. Turn them out in late afternoon or feed some hay first.
4. Be aware that warm season cover crop mixes may contain sorghum, which also poses a prussic acid toxicity risk.
5. Keep cattle away from roadsides or bar ditches that have fresh, ungrazed Johnsongrass growing.
6. Watch your animals closely in each new grazing area. Symptoms of prussic acid poisoning can occur within 5 minutes of eating affected forage, and death can occur in 15 minutes. Clinical signs include muscle tremors, increased respiration rate, excess salivation, staggering, convulsions and collapse.
7. Remove all cattle and sheep to a new pasture as soon as any herd mate shows signs of prussic acid toxicity and contact a veterinarian.

Having polyculture pastures divided up into paddocks with temporary fencing is helpful, Roberts says, because it offers options for

moving livestock quickly to manage timing and location of grazing.

"It also helps to have diversity so the cattle can select other forages other than Johnsongrass to graze," he says. "Plus, I can observe my animals every day and that's going to be especially important this year."



**Celebrate Bat Week
October 24-31, 2022**

Visit batcon.org to learn how to save these valuable creatures!!

Save these Dates

**Boone County Fair
September 11-17, 2022**

**Northwest Arkansas
District Fair
September 18-24, 2022**

Equipment for Rent

- No Till Drills**
- Smooth Roller**
- Aerator**
- Litter/Lime Spreader**
- Gas-Powered Rhino Post/T-Post Driver**

Contact the District Office at (870) 741-8600 x. 3 if you are interested in renting our equipment.

New Policy: Due to rising costs, the District would like everyone to be aware that if equipment is returned **WITHOUT** the hitch pin or the pad lock, a charge will be issued to your account.

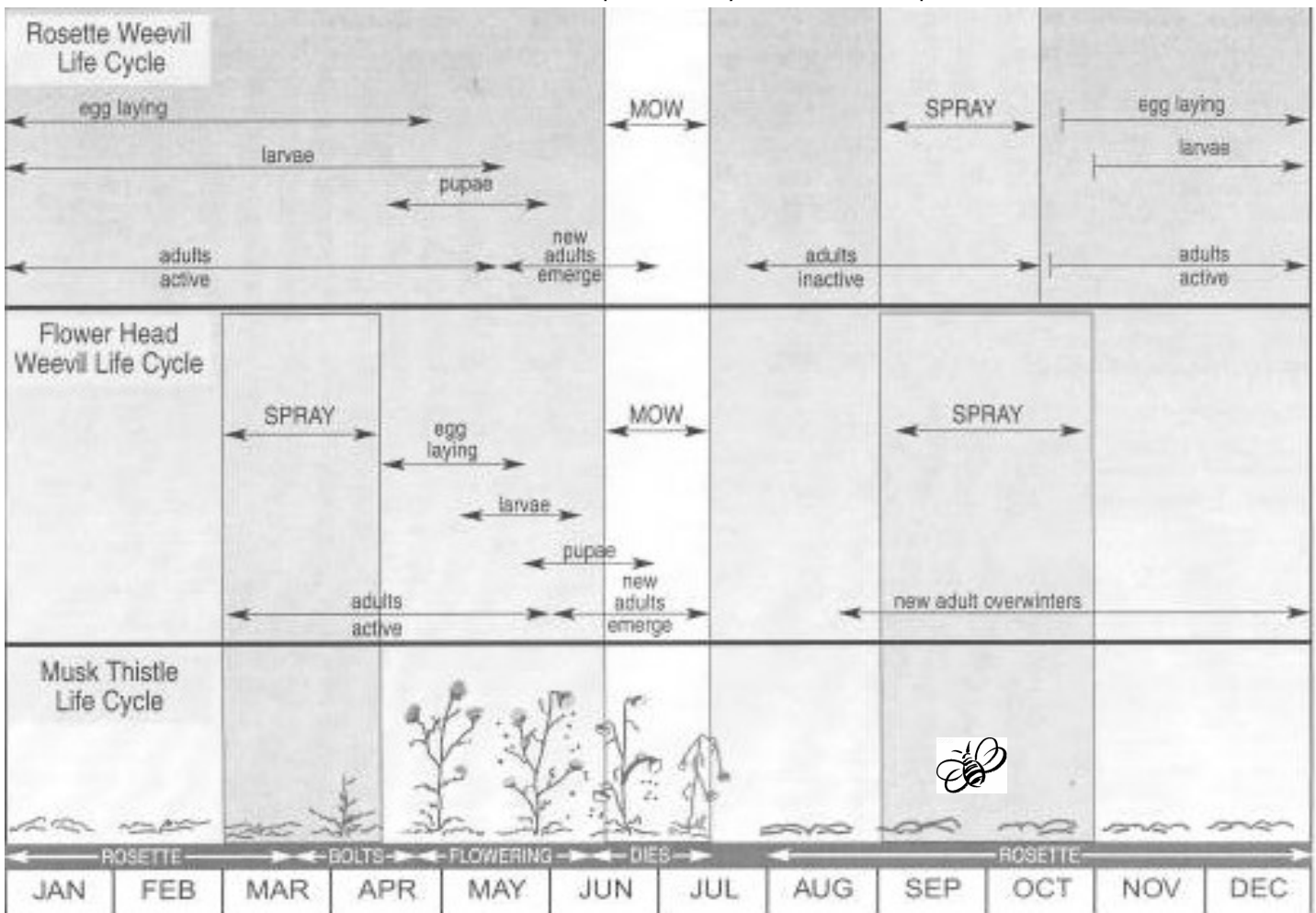
Hitch pins: \$15 a piece
Pad lock: \$25 each



Visit www.necasag.org for more information concerning Farm Safety & Health Week

Lifecycle of the Musk Thistle

Integrated control schedule matching chemical and mechanical control with the life cycles of musk thistle and musk thistle weevils. Chart and information provided by the U of A Cooperative Extension Service.



**Boone County Conservation
District**

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(870) 741-8600 ext. 3

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Return Service Requested

The U.S. Department of Agriculture (USDA) prohibits discrimination against its customers. If you believe you experienced discrimination when obtaining services from USDA, participating in a USDA program, or participating in a program that receives financial assistance from USDA, you may file a complaint with USDA. Information about how to file a discrimination complaint is available from the Office of the Assistant Secretary for Civil Rights. USDA prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex (including gender identity and expression), marital status, parental status, religion, sexual orientation, political beliefs, genetic information, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) If you have any questions, please contact the Pro-gram Compliance Team, Civil Rights Division, at (301) 504-2181.

<p>*****BULLS FOR SALE***** GENE McBRIDE Registered Polled Charolais Cattle Registered Black & Red Angus Cattle</p> <p>Phone: (870) 895-6666 Cell: (870) 421-3336 gmcbrideapprsvc@centurylink.net Pedigrees available upon request</p>	<p>KAVAN MAYBEE INSURANCE AGENCY <i>AUTO, HOME, LIFE COMMERCIAL, POULTRY HOUSE INS</i></p> <p>KAVAN MAYBEE, CIA INSURANCE AGENT License # 16749</p> <p>OFFICE 870-741-1823 107 Younes Dr FAX 870-741-6016 Harrison, AR 72601 CELL 870-715-2293 kavanmaybeeinsurance@hotmail.com</p>
 <p>Boone County Farm Bureau 110 Industrial Park Rd. Harrison, AR 72601 (870) 741-3488</p> <p><i>Farm Bureau.....the voice of agriculture</i></p>	<p>Want to save a tree? You can receive this newsletter by email. Please send us your name and email address and we will add you to our growing directory!</p> <p>Lisa.widner@ar.nacdn.net</p> <p>*We will not sell or give out your email address.</p> <p>If you would like to stop hearing from us, please call or email us your information!</p>
<p>Products For Sale</p> <p>Boone Cty Plat Books: \$40.00 Topo Maps of Boone Cty: \$10.00 each (sold by quads)</p> <p>Filter Fabric: \$4.00/ linear foot</p> <p>Tree Protectors: 18”-\$1.50 each 36”-\$2.25 each</p>	 <p>Phillips Pasture Management, LLC Cole Phillips Lime & Fertilizer 2031 Hwy 125 S (870)489-1773 Harrison, AR 72601 spreadinglime@gmail.com</p>