



Texas AgriLife Extension Service,
Walker County

Agricultural Education Events & News Update

(Fall Edition 2012)

This newsletter is an effort to inform you of upcoming agricultural educational events and related activities in the Walker County area with upcoming preregistration requirements. There are also a couple of programs mentioned in this newsletter which while may be a little outside our immediate geographic area, include topics of interest to numerous landowners.

A quick comment on our newsletter: Those of you who have been on the Extension mailing list for a number of years will probably have noticed the change in our print format over the last year and a half. Due to the volume of information we would like to share with you and the cost of printing and mailing our traditional newsletters, we have shifted to a combination mail & email notification system. With the challenges of electronic distribution- mainly keeping the publication in the same layout as intended, I have had to adapt to a paragraph style layout rather than the preferred news columns. This style doesn't allow much flexibility in the "art department"; however, I hope that you enjoy the additional content that we can deliver in each issue.

In This Issue:

Educational Programs –

- September 7th **Pesticide Applicator Training** –Crockett, TX
- September 7th **Pesticide Recertification Class** –Crockett, TX (5 hr. CEUs)
- September 18th **Feral Hog Webinar Series #1** -Online
- September 21st **Pesticide Applicator Training** –Huntsville, TX
- October 9th **Bees as Pollinators** – Huntsville, TX
- October 11th **Walker Co Fall Hay Evaluation** –Huntsville, TX (CEUs)
- October 11th **Backyard Composting** – Huntsville, TX
- October 11 & 12th **Texas Fruit & Nut Orchard Conference** – Bryan, TX (CEUs)
- October 16th **Butterfly Gardening** –Huntsville, TX
- October 20th **Fall Plant Sale & Butterfly Festival** – Huntsville, TX
- October 23rd **Feral Hog Webinar Series #2** -Online
- October 25th **Cow Country Congress** –Crockett, TX (CEUs)
- October 29th-Nov 2nd **Ranch Management University** – College Station, TX
- November 1st **Water Quality/Land Management Workshop** –Huntsville, TX (CEUs)
- November 20th **Feral Hog Webinar Series #3** –Online
- December 18th **Feral Hog Webinar Series #4** –Online

“Heads Up” – FYI programs for January 2013:

- January 11, 2013 **CEU Pesticide Recertification Class** –Huntsville, TX (5 hr. CEUs)
- January 19, 2013 **Fruit, Nut, & Citrus Workshop** – Huntsville, TX

Informational/Other Topics –

- **Fall Hay Evaluation Sample DEADLINE – September 17th**
- **Extension’s NEW publication on Grassland Restoration.**
- **West Nile Virus information to be aware of.**

***Educational Programs (Upcoming):**

Houston County: Pesticide Applicator Training (&) CEU program

Event Date: 8/7/2012 (7:30 AM- 2:30 PM)

***At the First United Methodist Church (701 E Goliad, Crockett, TX)**

Two programs at the same time in Houston County! The first is for agricultural producers needing to obtain a Texas Department of Agriculture Pesticide Applicator License. The second is for licensed applicators needing additional CEU credits. Topics for the CEU class include: External Parasite Control, Weed & Brush Control, Laws & Regulations, Pond Management, and Strategies of Predatory Animal Control. Contact the Houston County Extension Office (936) 544-7502 for additional info or to register.

Walker County: Pesticide Applicator Training

Event Date: 9/21/2012

***At the Walker Co Extension Office, Huntsville, Texas (Highway 75 N & Tam Road)**

Agricultural producers needing to obtain a Texas Department of Agriculture Private Pesticide Applicator License may attend this training and testing session. Class will begin at 8:30 AM and continue until lunch time. The TDA testing session will follow the training. The class fee is \$60.00 per person (includes study material & class worksheets). There is an additional licensing fee due to TDA following successful completion of the Extension training class and TDA testing.

We recommend that interested individuals come by the office prior to the training to pick up their books and study materials as there is pre-class study material/activities which will assist you during the class.

Feral Hog: Webinar Series (4 programs)

Event Dates: 9/18/2012, 10/23/2012, 11/20/2012, 12/18/2012

***Online**

For those interested in learning more about our feral hog problem, this webinar series will be a valuable experience. Attending the webinar is as easy as going to <https://connect.extension.iastate.edu/feralhog> All webinars will be held from 12:00 PM – 1:00 PM Central Standard Time.

September 18th – ***The History and Biology of Feral Hogs in the United States***

Presenter: John J. Mayer, Ph.D. –Manager, Environmental Sciences, Savannah River National Laboratory, Savannah river Nuclear Solutions LLC

October 23rd – ***Control Techniques and Managing Feral Hog Populations***

Presenter: Billy Higginbotham, Ph.D. –Wildlife and Fisheries Extension Specialist, Texas AgriLife Extension Service

November 20th – **Feral Hog Disease Issues**

Presenter: Joseph Corn, Ph.D. – Southeastern Cooperative Wildlife Disease Study, College of Veterinary Medicine, University of Georgia

December 18th – **Current and Future Feral Hog Research**

Presenter: Tyler Campbell, Ph.D. –Feral Swine Project Leader, USDA APHIS, National Wildlife Research Center, Florida Field Station

For additional information on this series of webinars, please contact Jared Timmons @ jbtimmons@ag.tamu.edu or 254-458-4886.

Walker County Fall Hay Evaluation

Event Date: 10/11/2012 Thursday (6:30 PM- 3 PM)

***At the Walker County Storm Shelter (455 Highway 75 N. Huntsville, TX)**

Thankfully our spring moisture allowed us to actually produce some hay here in Walker County this year. The Walker County Extension Livestock & Pasture Committee will be holding the 2012 Fall Hay Evaluation to allow producers the opportunity of have their hay tested for quality analysis. Knowing the quality of your hay provides you with information on how to correctly utilize the product and meet the needs of your livestock.



Thanks to our program cooperators and sponsors; Walker County Farm Bureau, American Plant Food & Silveus Insurance Group, we will be able to offer this educational program **with FREE hay testing and a RIBEYE STEAK DINNER for \$5.00 per attendee.**

Hay samples are due in the Walker County Extension Office by September 17th for testing. Samples Must Consist Of: TWO BLOCKS From Square Bales OR ONE FULL CLEAN FEED SACK from Round Bales. NO PLASTIC BAGS! You may submit Walker County producer grown hay or purchased hay. All samples must have been processed through a mechanical hay baler. *Please utilize the hay entry form enclosed in this newsletter or contact the office for additional forms.* There is a limit of two hay entries per person.

Educational program topics scheduled to be reviewed during the Hay Evaluation include: Winter Pasture Options (production & management), Farm Service Agency Program Opportunities, and Rangeland Insurance.

CEU's will be provided for TDA Pesticide Applicators. RSVP is required for meal planning, please contact the Walker County Extension Office (936) 435-2426 by October 5th to save your seat.

Hay Testing
Sponsored by:



Meal &
Producer
Recognition
Cosponsored
by:



Texas Fruit & Nut Orchard Conference

Event Date: 10/10-11/2012 Wednesday & Thursday (6:30 PM- 3 PM)

***At the Brazos Center, (3232 Briarcrest Drive. Bryan, TX)**

This is going to be a great program for anyone with interests in fruits and nuts.. Interested in growing fruits or nuts for health, wealth, or recreation in Texas, and need to know how to get started? Or are you a commercial fruit grower seeking new crops and greater diversification? The Texas Fruit & Nut Orchard Conference is an educational program serving both purposes: orienting prospective growers in starting a new commercial fruit orchard, and offering alternative fruit crops and production systems for established commercial fruit growers in Texas.

While this conference is intended to assist commercial fruit producers, the materials presented will also be helpful to homeowners and gardeners who simply want to grow fruits and nuts for home consumption and pleasure. Texas has tremendous diversity in weather, soils, and water availability, providing significant challenges in fruit growing. This conference will cover critical topics of water, nutrient, disease and insect management. Earth-Kind® techniques for growing fruit in Texas will also be discussed. One mini-session will be devoted to recommended varieties of fruits for different regions of Texas. Texas AgriLife Extension specialists from College Station, Dallas, Fredericksburg, Lubbock, and Uvalde will present successful growing practices for pecans, figs, citrus, olives and pomegranates. High tunnels, tools for protecting fruit crops from frost damage and extending market windows, will be discussed. Successful peach and berry producer, Dale Ham, of Ham Orchards in Terrell, Texas, will share his experiences in marketing fruits.

Pesticide continuing education units (CEU's) will be offered for this one and one-half day event.

Registration for this event is On-Line at <http://agriliferegister.tamu.edu> (you may need to type in a keyword –fruit worked for me). Online registration through October 2, 2012 is \$75.00. On-site registration on October 11th or 12th, is \$80.00. You can access the conference schedule via the URL printed above or review it directly online here:

<https://agriliferegister.tamu.edu/dropinn/downloads/Conference705/20120823093426.705.pdf>

The site of the conference is The Brazos Center, 3232 Briarcrest Drive, Bryan, Texas, 77802. It is accessed from Earl Rudder Parkway (Highway 6) at the Briarcrest Drive Exit. The Brazos Center is approximately 6 miles or 10 minutes from Texas A&M University Campus, College Station, Texas.



Contact the Conference Coordinators for more Information:

Monte Nesbitt, (979) 862-1218; MLNesbitt@tamu.edu

Larry Stein, (830) 278-9151; larrystein@tamu.edu

Jim Kamas, (830) 997-7047 j-kamas@tamu.edu

Houston County: Cow Country Congress

Event Date: 10/25/2012 (7:30 AM- until midafternoon)

***At the Porth Ag Arena (1100 Edmiston Drive, Crockett, TX)**

Cow Country Congress is an annual multi-county event supported by Extension Beef & forage Committees from our area. The 2012 Cow Country Congress will include a variety of information to assist the active beef & forage producer with management information related to our current beef industry situation.



Educational topics include: Winter Pastures & Fall Army Worms, Hay Products, Cattle Value, Body Condition Scores, and Low Stress Handling of Cattle. Speakers for the 2012 Cow Country Congress include; Dr. Jason Cleere, Dr. Vanessa Corriher, and Dr. Ron Gill.

RSVP by October 16, for meal planning purposes. Registration is \$20.00 per person (includes a **STEAK** Lunch). 2 CEU hours (1 IPM & 1 General) will be available.

This program is an annual educational event supported by the Extension Beef & Forage Committees in: Anderson, Freestone, Houston, Leon, Madison, Polk, Trinity, and Walker Counties.

College Station: Ranch Management University

Event Date: 10/29/12 – 11/02/12

***At the G. Rollie White Visitors Center on the Texas A&M University Campus, College Station, TX**

COLLEGE STATION - Restocking after a drought can be a difficult call: Is the drought over, is there enough forage to sustain cattle, what makes the most economic sense?

The answers to these and other questions will be discussed at the Texas AgriLife Extension Service's Ranch Management University scheduled Oct. 29-Nov. 2 at the G. Rollie White Visitor's Center on the Texas A&M University campus in College Station.

"Ranch Management University is an intensive four-day event that targets new or inexperienced ranchers and landowners. It covers the fundamentals of soils and soil fertility, forage establishment, pasture management and utilization by livestock," said Dr. Larry Redmon, AgriLife Extension state forage specialist. "These are the key elements to surviving a drought and maintaining a ranch program."

Registration is \$500 and attendance is limited to the first 50 people who enroll. To register online and to obtain additional information, please go to <http://agriliferegister.tamu.edu> and enter "ranch management" as a keyword.

Redmon said the workshop is offered twice a year, and the goal is for attendees to walk away with knowledge that will provide economic benefits at the ranch level, he said.

Basic livestock management practices such as castrating, vaccinating and de-horning calves are demonstrated. Grazing management, stocking rate and body condition scoring are also highlighted during the training, Redmon said. Additionally, several wildlife management topics are covered for those interested in managing white-tailed deer, turkey, feral hogs and farm ponds.

"Approximately one-half of the workshop involves lectures and discussion, with the remainder consisting of field demonstrations of various how-to methods of soil sampling, sampling hay and calibrating sprayers," he said.



Bermuda grass and various forage species, such as warm-season perennial grasses including native forages, small grains, annual ryegrass and clovers are studied by workshop attendees. Additional demonstrations will cover hog trap management and pond fisheries management.

"Plenty of time will be allowed for interaction with Texas A&M University faculty with expertise and experience in all facets of the soil-plant-animal interface and wildlife management," Redmon said.

Meals and break refreshments are covered by the registration cost, as well as a resource CD containing more than 100 publications covering ranch resource management.

For additional information, contact Redmon at 979-845-4826 or l-redmon@tamu.edu.

Walker County: Water Quality/Land Management Workshop

Event Date: 11/01/12 (Thursday) 8:00 AM - NOON

***At the Walker County Storm Shelter, 455 State Hwy 75 North, Huntsville TX**

CORSICANA/ATHENS/HUNTSVILLE – Trinity Waters, a landowner organization based in the Trinity River basin, and the Texas AgriLife Extension Service are hosting a series of workshops for landowners and other interested stakeholders in the region.

The Trinity River basin watershed area provides water resources for about 40 percent of the state's population, including the Dallas/Ft. Worth metroplex.

With significant population growth expected in the Dallas/Fort Worth and Houston metro areas, current water quality issues and an increasing demand for clean water will place greater pressure on natural resources of the Trinity River basin, said a Texas AgriLife Extension Service expert.

“The first round of workshops is intended to raise awareness of water and land management issues in the basin among interested members of the public,” said Blake Alldredge, AgriLife Extension associate and education and outreach coordinator for the Building Partnerships for Cooperative Conservation in the Trinity River Basin project.

Allredge said continuing education units would be available for attendees of the first round of workshops to be held Sept. – Nov. The no-cost, half-day workshops will address water resource protection and improvement. Times and locations for the initial workshops are: Nov. 1 from 8 am – noon, Walker County Storm Shelter, 455 State Highway 75 North, Huntsville.

According to the Trinity Waters organization, about 40 percent of Texans get their water from the Trinity River and widespread habitat loss throughout the basin has led to reduced wildlife populations, particularly grassland birds.

“Private landowners own the majority of the land in the middle Trinity basin, so providing them with the information and resources they need to accomplish conservation goals within the basin is critical,” Allredge said. “Quality land management links common goals in livestock, wildlife and water management.”

He said there will be three sets of workshops, each subsequent workshop with more detailed focus than the previous, to address various aspects of natural resource conservation and land management. These will culminate in a summit workshop.

Coordinators said the initial set of workshops will give participants a better understanding of basic water quality and watershed principles, as well as the strategies state and local organizations use to improve and protect water resources.

“Participants in these first workshops will also hear from personnel with the Trinity River Authority who will explain how effective watershed management practices can benefit society as a whole,” Allredge said. “The programs will also involve discussion by an area landowner who has employed various conservation practices and, as a result, has improved cattle production and increased income from developing wildlife recreational opportunities.”

Those interested in attending any of these workshops should contact Allredge at 979-845-0916 or balldredge@tamu.edu to RSVP and reserve a spot. To RSVP electronically, go to <http://naturalresourcestraining.tamu.edu/schedule/> and look for “Cooperative Conservation in the Trinity River Basin” and the date and location of the workshop.

Informational/Other Topics:

New AgriLife Extension publication gives guidance on grassland restoration

Source: [AgriLife Today](#)

COLLEGE STATION - To aid landowners in the middle Trinity River basin and similar areas, the Texas AgriLife Extension Service has produced a publication with step-by-step instructions on how to restore native grasslands, said agency experts.

"Many native grasslands are being lost to urbanization, fragmentation, row-crop farming and introduced grasses used for livestock production," said Dr. Jim Cathey, AgriLife Extension program leader for wildlife and fisheries sciences. "The loss of these grasslands has resulted in a dramatic decline in numerous grassland bird species, including quail."

A new AgriLife Extension publication, available at the Texas AgriLife Extension Bookstore website, provides landowners with advice and direction on how to restore native grassland areas. These grasslands make an ideal habitat for a variety of wildlife and help potential ecotourism opportunities



The middle Trinity River basin between Dallas and Lake Livingston, as well as tall-grass prairies within the Blackland Prairie and Post Oak Savannah ecoregions, currently contain only about 1 percent of their historical native grasslands, Cathey said. The recommendations provided in the new publication, named "Native Grassland Restoration in the Middle Trinity River Basin," can be used as a guideline to help address the many strategies and procedures toward restoring native prairies.

Cathey said native bunchgrasses and forbs make ideal habitat for wildlife, such as quail and other ground-nesting birds, as well as several species of mammals, reptiles, amphibians and insects native to prairie habitats.

Topics addressed in the publication include the use and benefits of native grasslands, site selection and preparation, establishment of native vegetation, seed selection, reseeding methods, seeding rates, depth and timing, and using native grass hay for seeding. There is also a section on the use of the Trinity River Information Management System, an online mapping tool for supporting land conservation and habitat restoration decisions in the Trinity River basin.

The publication can be found on the Texas AgriLife Extension Bookstore website at <http://agriflifebookstore.org>.

AgriLife Extension associate Blake Alldredge said the publication was produced through the Building Partnerships for Cooperative Conservation initiative of the Trinity River basin project. The project is funded by the Texas State Soil and Water Conservation Board through a Clean Water grant from the U.S. Environmental Protection Agency. Through this initiative, AgriLife Extension has partnered with Trinity Waters, a landowner organization based in the Trinity River basin, to produce educational materials related to water and wildlife conservation for landowners.

"This new publication will certainly aid the native grassland restoration efforts of Trinity Waters, Texas Parks and Wildlife and Sand County Foundation to improve the wildlife and water quality resources in the basin through the Water As A Crop project and Western Navarro Bobwhite Recovery Initiative," Alldredge said.

Restoring native grasslands can benefit livestock producers as well as landowners wanting to transition into wildlife management and ecotourism, he said. But restoring native grasslands is not an easy task, as it requires careful planning.

"As landowners search for ways to reduce input costs, such as fertilizer and fuel, into their land operations, native grasslands may be their answer as they can yield sufficient forage for livestock and under proper management do not require the input costs that introduced grasses do," he said. "Also, the increase in wildlife populations can provide additional income to landowners through hunting and ecotourism opportunities."

He said native grasslands are also important to watershed protection as they increase the water storage capacity of the soil, reduce erosion, promote groundwater recharge and provide more efficient nutrient absorption.

Allredge noted landowners may contact their local AgriLife Extension office, Texas Parks and Wildlife biologists and U.S. Department of Agriculture's Natural Resource Conservation Service personnel for technical guidance in developing a restoration plan and for information on applying for financial assistance to help cover some costs associated with grassland restoration.

Information on West Nile Virus (WNV)

Source: CDC WNV Fact Sheet

What Is West Nile Virus?

West Nile virus (WNV) is a potentially serious illness. Experts believe WNV is established as a seasonal epidemic in North America that flares up in the summer and continues into the fall. This fact sheet contains important information that can help you recognize and prevent West Nile virus.

What Can I Do to Prevent WNV? The easiest and best way to avoid WNV is to prevent mosquito bites.

- When you are outdoors, use insect repellents containing an EPA-registered insect repellent. Follow the directions on the package.
- Many mosquitoes are most active at dusk and dawn. Be sure to use insect repellent and wear long sleeves and pants at these times or consider staying indoors during these hours.
- Make sure you have good screens on your windows and doors to keep mosquitoes out.
- Get rid of mosquito breeding sites by emptying standing water from flower pots, buckets and barrels. Change the water in pet dishes and replace the water in bird baths weekly. Drill holes in tire swings so water drains out. Keep children's wading pools empty and on their sides when they aren't being used.

What Are the Symptoms of WNV?

- **Serious Symptoms in a Few People.** About one in 150 people infected with WNV will develop severe illness. The severe symptoms can include high fever, headache, neck stiffness, stupor, disorientation, coma, tremors, convulsions, muscle weakness, vision loss, numbness and paralysis. These symptoms may last several weeks, and neurological effects may be permanent.
- **Milder Symptoms in Some People.** Up to 20 percent of the people who become infected will display symptoms which can include fever, headache, and body aches, nausea, vomiting, and sometimes swollen lymph glands or a skin rash on the chest, stomach and back. Symptoms can last for as short as a few days, though even healthy people have been sick for several weeks.
- **No Symptoms in Most People.** Approximately 80 percent of people (about 4 out of 5) who are infected with WNV will not show any symptoms at all, but there is no way to know in advance if you will develop an illness or not.

How Does West Nile Virus Spread?

- **Infected Mosquitoes.** Most often, WNV is spread by the bite of an infected mosquito. Mosquitoes become infected when they feed on infected birds. Infected mosquitoes can then spread WNV to humans and other animals when they bite.
- **Transfusions, Transplants, and Mother-to-Child.** In a very small number of cases, WNV also has been spread through blood transfusions, organ transplants, breastfeeding and even during pregnancy from mother to baby.
- **Not through touching.** WNV is not spread through casual contact such as touching or kissing a person with the virus.

How Soon Do Infected People Get Sick? People typically develop symptoms between 3 and 14 days after they are bitten by the infected mosquito.

How Is WNV Infection Treated? There is no specific treatment for WNV infection. In cases with milder symptoms, people experience symptoms such as fever and aches that pass on their own, although illness may last weeks to months even in healthy persons. In more severe cases, people usually need to go to the hospital where they can receive supportive treatment including intravenous fluids, help with breathing, and nursing care.

What Should I Do if I Think I Have WNV? Milder WNV illness improves on its own, and people do not necessarily need to seek medical attention for this infection though they may choose to do so. If you develop symptoms of severe WNV illness, such as unusually severe headaches or confusion, seek medical attention immediately. Severe WNV illness usually requires hospitalization. Pregnant women and nursing mothers are encouraged to talk to their doctor if they develop symptoms that could be WNV.

What Is the Risk of Getting Sick from WNV?

- **People over 50 at higher risk to get severe illness.** People over the age of 50 are more likely to develop serious symptoms of WNV if they do get sick and should take special care to avoid mosquito bites.
- **Being outside means you're at risk.** The more time you're outdoors, the more time you could be bitten by an infected mosquito. Pay attention to avoiding mosquito bites if you spend a lot of time outside, either working or playing.
- **Risk through medical procedures is very low.** All donated blood is checked for WNV before being used. The risk of getting WNV through blood transfusions and organ transplants is very small, and should not prevent people who need surgery from having it. If you have concerns, talk to your doctor.
- **Pregnancy and nursing do not increase risk of becoming infected with WNV.** The risk that WNV may present to a fetus or an infant infected through breastmilk is still being evaluated. Talk with your care provider if you have concerns.

What Is the CDC Doing About WNV? CDC is working with state and local health departments, the Food and Drug Administration and other government agencies, as well as private industry, to prepare for and prevent new cases of WNV.

Some things CDC is doing include:

- Coordinating a nation-wide electronic database where states share information about WNV
- Helping states develop and carry out improved mosquito prevention and control programs
- Developing better, faster tests to detect and diagnose WNV
- Creating new education tools and programs for the media, the public, and health professionals
- Opening new testing laboratories for WNV
- Working with partners to develop vaccines.

What Else Should I Know?

If you find a dead bird: Don't handle the body with your bare hands. Contact your local health department for instructions on reporting and disposing of the body. They may tell you to dispose of the bird after they log your report.

For more information, visit www.cdc.gov/westnile, or call CDC at 800-CDC-INFO (English and Spanish) or 888-232-6348 (TTY).



- COMPLETE ALL INFORMATION & SECURELY ATTACH TO YOUR HAY SAMPLE:

(Sample entry DEADLINE : September 17, 2012)

Please attach the following information securely to your hay sample. Limit of TWO samples per person. Samples may be turned in at the Walker County Extension Office on TAM Road. Hay sample may be producer grown or purchased. All samples must be processed through a mechanical hay baler. Hay testing is sponsored by Walker County Farm Bureau. Recognition awards for this program are sponsored by American Plant Food and Silveus Rangeland Ins. Questions about your entry? Call: (936) 435-2426

CLASS OF HAY ENTERED:

WC PRODUCER GROWN _____
PURCHASED _____

IMPROVED BERMUDA _____
COMMON BERMUDA _____
BAHIA _____
SORGHUM _____
LEGUME _____
LEGUME GRASS MIX _____
RYEGRASS _____
MIXED GRASSES _____

NAME _____
PHONE _____
ADDRESS _____
EMAIL _____
ONLY ONE SAMPLE PER FORM

Samples Must Consist Of:
TWO BLOCKS From Square Bales OR
ONE FULL CLEAN FEED SACK from
Round Bales. NO PLASTIC BAGS!



If you have questions or would like more information regarding Extension Educational Programs, call us at (936) 435-2426.

Provisions from the American Disability Act will be considered when planning educational programs and activities. Please notify the Walker County Extension Office if you plan on attending an Extension Educational program and need specialized services. Notification of at least two weeks in advance is needed, so that we may have ample time to acquire resources needed to meet your needs. Extension programs serve people of all ages regardless of socioeconomic level, race, color, sex, religion, disability or national origin. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating. The information given herein is for educational purposes only. Reference to commercial products or trade names is made with the understanding that no discrimination is intended and no endorsement by Texas AgriLife Extension Service is implied.

Reggie Lepley

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