

— [Extension Opportunity] — Scouting Rhizobial Nodulation in Legumes — [ ]



*Fig. 1. Rhizobium nodules on fall-planted hairy vetch, McLennan Co., May 2024. The seed was pre-treated by the seed dealer with the appropriate crop-specific inoculant. Nodules when sliced were red inside, actively fixing nitrogen. (Calvin Trostle.)*



*Fig. 2. Rhizobium nodulation on fall-planted Austrian winter pea, Castro Co., May 2024. Seed was treated with crop-specific inoculant before planting. Red arrows point to active nodules (which have a warty appearance). Green arrow is an older nodule that has senesced and is no longer active. (Kristie Keys.)*

**Field Observations of Rhizobial Nodulation in Texas Legumes**

In the TAM-AAMM update from 10/30/2023, I discussed the inoculation and nodulation of Texas legumes from the perspective of the rhizobial nodule-forming/nitrogen-fixing products farmers, ranchers, and gardeners can use on their crops and forages. Now that we are into the summer cropping season statewide, AgriLife Extension agents have educational opportunities with any clientele growing legumes.

You do not need to be an expert about legumes or the nodulation process or rhizobial products. Simply showing clientele legume roots with potential nodulation will generate interest and questions for an effective Extension education opportunity.

**My Tips for Discussions and Field Visits with Legume-growing Clientele**

1. When you learn your clientele is growing a legume—field crop, a forage legume like clover, or even a legume cover crop—ask if he or she used a crop-specific inoculant at seeding. Also ask if the seed had an inoculant already on it from the seed dealer (which many forage legumes do; clientele may need to look at the seed tag to know).
2. Have they ever checked if their legume has Rhizobium nodules? Most legume growers probably assume legumes fix nitrogen. This is not true unless they are nodulated and the nodules are active (Fig. 3 on pg. 2). For uninoculated legumes, soil might have a rhizobial strain that will infect the roots and effectively fix nitrogen. But this is not assured.
3. Field visits: Use a narrow shovel (spade) to dig up legumes to about 6” deep. Check at least four plants each from a few locations. As best you can shake the soil off to reveal the roots. It may help to place the roots in water and swirl. Nodules come in different shapes and sizes. Some are round, others look like warts. Show what you find to the grower! They have likely never done this.
4. Highly impressionable moment in the field: With your grower use a razor blade of a small sharp knife to cut a few nodules. Are they pink or red inside (Fig. 3 on pg. 2)? This confirms active nitrogen fixation. It is highly likely your client has never seen this before. They might know about it. But they have probably not done it themselves.
5. Take pictures of root nodules. (And send a pic to Calvin Trostle!) And keep a few root samples in your office so you can show other legume growers.

*Continued on page 2*

**Mark Your Calendars for Upcoming Events**

- June 6th: Austin County Livestock Association Meeting — Cat Spring Ag Hall, Cat Spring
- June 8th: Home-Grown Vegetable Contest & Program — Linseisen’s Feed & Supply, Bellville, 9:00 a.m.
- June 18th: Lunch n Learn Series – Disaster Prevention & Resilience — Austin County Extension Office, Bellville, 11:50 a.m.
- **June 19th: Austin County Extension Office — CLOSED for Juneteenth**
- **July 4th: Austin County Extension Office — CLOSED for Independence Day**
- July 26th: Feathers, Furs, & Farming — Grazing — Weimar Civic Center, Weimar, 1:30 p.m.
- August 2nd: Private Applicator Training — Austin County Extension Office, Bellville, 1:00 p.m.
- August 20th: Lunch n Learn Series – Companion Plants — Austin County Extension Office, Bellville, 11:50 a.m.
- August 23rd: BMGA Fruit & Citric Tree Sale — American Legion Post #442, Sealy, 10:00 a.m.
- August 23rd: Fall Horticulture Program — American Legion Post #442, Sealy, 12:30 p.m.
- August 30th: Lone Star Healthy Streams — Immaculate Conception Church, Industry, 1:30 p.m.

## Continued: Extension Opportunity—Scouting Rhizobial Nodulation in Legumes



Fig. 3. *Bradyrhizobium* nodules on a peanut taproot (left) are evidence a crop-specific inoculant product was used to foster nitrogen-fixing nodule formation. The sliced nodules with pink or red (right) signify active N fixation, or conversion of nitrogen in the air to a form plants can use (Calvin Trostle, reprinted from TAM-AAMM, 10/30/2023).

6. Follow-up with needed information to fill any gaps in clientele knowledge. Ask your regional specialist or myself for help if needed.

7. Condense this information for your clientele in a newsletter, social media post, etc. to encourage them to look for active nodules in their legume crop.

For large-scale farming and pasture forage production, legume fixation of nitrogen can reduce (but not necessarily eliminate) fertilizer nitrogen costs. Also, it is well documented for most legumes and crop/pasture settings higher N fertilizer levels will suppress nodulation.

**Bottom line:** Active nodules on legumes are a great prop for Extension education on an important topic for many farmers and forage growers. A red or pink nodule will do the teaching!

Clientele will want to know more about it and how to better achieve it.

*This weekly agronomic Memo for Texas A&M AgriLife Extension county agents is compiled by Dr. Calvin Trostle, Professor & Extension Agronomist, Lubbock, (806) 777-0247 (mobile), ctrostle@ag.tamu.edu*

## 2024 BMGA Lunch n Learns– Fall

The Bluebonnet Master Gardeners of Austin County are pleased to present the 2024 Fall “Lunch-N-Learn” series which is hosted on the third Tuesday of each month from August through November. Overall, the series features topics related to horticulture with homeowners and backyard gardeners in mind! The speakers are experts in their fields and practical gardeners with great tips and information for everyone.

Programs will be held at the Texas A&M AgriLife Extension office located at 800 E Wendt St, Bellville. Doors will open with registration beginning at 11:50 a.m. and the program beginning promptly at 12:00 p.m., concluding by 12:55 p.m. At the end of each session, the speaker and our Austin County Master Gardeners will be available to help answer gardening questions.

All Master Gardener Lunch-N-Learn programs are FREE and OPEN to the public, and you are welcome to bring your own lunch and drink. We will have a few refreshments available as well. Registration is not required but is encouraged.

Presentations for the fall will be:

- Tuesday, August 20th – Companion Plants for Your Garden by Gerald DuPont, Bluebonnet Master Gardener
- Tuesday, September 17th – Propagation Basics by Randy Albers, Bluebonnet Master Gardener
- Tuesday, October 15th – Seed Library by Mary Ann Drawl, Waller County Master Gardener
- Tuesday, November 19th – Entomology by Reneé Kofman, Bluebonnet Master Gardener

For more information regarding Bluebonnet Master Gardener Association please visit <https://txmg.org/bluebonnet/>.

*See Flier on page 13*

## AUSTIN COUNTY HOG BOUNTY

The Austin County Feral Hog Bounty is still going on! The Bounty program is offered with the support of the Austin County Commissioners Court. Participants will be awarded \$5 per feral hog harvested in Austin County, with biological evidence provided of harvest in the form of a pair of feral hog ears. Each pair must be placed in an individually sealed bag and dropped off at 1 of the 3 drop-off locations. Three local feed stores in the county - Steinhauser's in Sealy, Linseisen's Feed & Supply in Bellville, and Lindemann Store in Industry - will serve as the drop-off locations.

A limit of 20 pairs per household per month is allowed. All feral hogs must be harvested in Austin County & signed paperwork must be completed when dropping off the ears to collect the bounty.

*See Flier on Page 17*

## FEATHERS, FURS, AND FARMING-JULY 26TH

Texas A&M AgriLife Extension Services in Austin and Colorado Counties are partnering with Texas Parks and Wildlife to host a Feathers, Furs, and Farming program on Friday, July 26, 2024. The focus of this program will center around Grazing. Topics covered will include determining stocking rates, grazing for wildlife management, and grazing programs for landowners. One TDA CEUs (1 General) will be offered for TDA Pesticide Applicators.

The event will be held at the Weimar Civic Center located at 1754 IH-10, Weimar, Texas 78962. Registration will be from 1:00 - 1:30 p.m. with the program beginning at 1:30 p.m. and concluding at 5 p.m. Cost of attendance is \$15 per person or \$20 per couple.

*See Flier on Page 11*

## BMGA- KIDS' KAMP 2024

The Bluebonnet Master Gardeners, in conjunction with the Texas A&M AgriLife Extension team, are pleased to announce our 7th year of holding Kids' Kamp in Austin, Colorado, Fayette, and Washington Counties. This kamp is designed to be educational and fun with the goal of igniting a passion in the youth of our area to the importance and enjoyment of gardening through unique experiences.

This year, the kids will (1) experience hands-on plant propagation; (2) be introduced to all kinds of herbs, including learning how herbs make our food tasty and delightful; (3) plant and take home their own herb garden, and (4) learn about some common garden visitors... purple martins, moles, gophers, armadillos, and snakes! Kampers will be able to see (and touch) some of these critters at kamp! As always, we'll have outdoor activity time, nourishing snacks, and lots of fun!

Kamp runs for 3 days (Tuesday -Thursday) from 8:00 a.m. to 12:00 noon on these dates:

- Washington County – June 4th to 6th (Washington Co. Expo Event Center)
- Colorado County – June 11th to 13th (Weimer Civic Center)
- Fayette County – June 18th to 20th (Fayette Co. Extension Ag. Building)
- Austin County – June 25th – 27th (Immaculate Conception Catholic Church Parish Hall)

The cost is \$35 (plus processing fee) per child. Kids ranging from 10-13 years of age will be eligible to register for these 3-day kamps but space is very limited, so register early! Kids Kamp is staffed by experienced educators, volunteer Bluebonnet Master Gardeners, and Interns.

Registration forms can be completed online at <https://txmg.org/bluebonnet/kidskamp/>

*See Flier on page 10*

## Private Applicator Training– Updated schedule

If you plan on using a state limited use or state restricted use pesticide, such as Grazon P+D, 2 4-D, Weed-master, etc., and need a license, the Texas A&M AgriLife Extension Service of Austin County will be hosting several Private Applicator Training classes during 2024 at the Austin County Extension Office, 800 E Wendt St, Bellville. Books and study materials for the course may be purchased ahead of time at the Extension Office for \$50.00. A registration fee of \$10.00 will be charged for the training. The registration fee will include the training and additional study materials. Payments need to be made by check or cash (exact change please). The training will begin at 1 p.m. and conclude about 5 p.m., available on the following days:

- Friday, August 2, 2024
- Friday, November 1, 2024

The Texas Department of Agriculture, who oversees the testing and administration of Applicator Licensing, has contracted with PSI Services to administer the exam for agriculture pesticide applicator licensing. Applicants will coordinate testing with PSI at one of their 22 locations around Texas. Details on the process, locations, cost, and other pertinent information will be provided at the training to help applicants complete the licensing process. Once applicants have completed the training and passed the exam with a score of 70 or above, they will be eligible to apply for the Private Applicator License, allowing for the purchase of all state limited use and restricted use pesticides used in agriculture.

Important: If an applicant has any questions about licensing or exam categories, please contact TDA at 800-835-5832 or 512-463-7622 or Texas Department of Agriculture – Agriculture Pesticide Program, P.O. Box 12847, Austin, TX 78711.

*See Flier on Page 12*

## 2024 BMGA LUNCH N LEARN-BONUS JUNE

The Bluebonnet Master Gardeners of Austin County are pleased to present a Bonus “Lunch-N-Learn” edition to the Spring series to be hosted on the third Tuesday in June. This presentation is dedicated to Disaster Prevention & Resilience. The speaker will cover what to do before, during, and after a disaster. Learn what types of disasters might happen in our area, how to prepare for each, and how to protect your family when a disaster occurs. Attendees will be provided with go/stay checklists to help them assemble an emergency kit. Our presenter will be Stephen Burnett, Texas A&M AgriLife DAR Agent.

This program will be held on Tuesday, June 18<sup>th</sup> at the Texas A&M AgriLife Extension office located at 800 E Wendt St, Bellville. Doors will open with program registration beginning at 11:50 a.m. with the program beginning promptly at 12:00 p.m. and concluding by 12:55 p.m. At the end of the session, the speaker and our Austin County Master Gardeners will be available to help answer questions.

All Master Gardener Lunch-N-Learn programs are FREE and OPEN to the public and you are welcome to bring your own lunch and drink. We will have a few refreshments available as well. Registration is not required but is encouraged.

*See Flier on Page 8*



# Changes to USDA APHIS Animal Disease Traceability (ADT) Rule Affecting Beef Cattle

Ron Gill, Ph.D. and Karl Harborth, Ph.D., Texas A&M AgriLife Extension Service, Department of Animal Science

In April, USDA APHIS amended the current Animal Disease Traceability rule by adding the required use of an Electronic Identification Device (EID) that can be read electronically or visually. A simple “840” EID button tag will be adequate to meet this requirement. Each EID tag also has the assigned number printed on the tag and that will satisfy the requirement for visual. **See the original rule here** (<https://www.ecfr.gov/current/title-9/chapter-I/subchapter-C/part-86>). It should be further noted that the rule was written and published in the federal register on May 9, 2024. The rule will become official 180 days after publication in the federal register.

There are exceptions to this EID requirement relative to the use of brands in brand law states and the use of tattoos in registered animals. **See the FAQ summary for details on these options:** <https://www.aphis.usda.gov/sites/default/files/traceability-faq.pdf>. Since Texas does not require brand inspection prior to shipment this will not be an option for Texas producers shipping cattle interstate.

There is no Federal requirement for animal identification in beef cattle that are not being shipped out of state. The current Federal ADT rule applies to sexually intact cattle over 18 months of age and shipped in interstate commerce. This includes bulls, cows and heifers.

The current Federal ADT rule covers:

- All sexually intact cattle and bison 18 months of age or older
  - Note: This rule currently excludes most stocker and feeder cattle
- All dairy cattle of any age (Dairy cattle have been required to have official ID for many years)
- All cattle and bison of any age used for
  - Rodeo
  - Exhibition
  - Recreational events.

**Note: The current USDA ADT rule only applies to the interstate movement of covered classes of cattle and bison. The new EID rule will apply to the same covered classes of cattle and bison moving interstate.**

There has been some confusion due to the current testing and movement restrictions on lactating Dairy cattle. This requirement is laid out **in this document from APHIS:** <https://www.aphis.usda.gov/sites/default/files/aphis-requirements-recommendations-hpai-livestock.pdf>. There are no additional ADT requirements for EID tags, as all dairy cattle are required to have an EID tag.

## **Texas Animal Disease Traceability ADT**

There are no additional requirements for animals and movement of cattle adopted by The Texas Animal Health Commission (TAHC). The TAHC amended its rules in June of 2012 to enhance the effective traceability of beef cattle movements in Texas. **See this document for additional details:** [https://www.tahc.texas.gov/regs/pdf/MovementRequirements\\_Cattle.pdf](https://www.tahc.texas.gov/regs/pdf/MovementRequirements_Cattle.pdf). There have been no additional changes in the identification/traceability requirements since that time.

Cattle being tested or managed through TAHC programs requiring official Animal ID:

- All Dairy cattle of any age
- Tested for Brucellosis
- Tested for Tuberculosis
- Bulls tested for Trichomoniasis
- Calfhood Brucellosis vaccinated heifers
- Adult Brucellosis vaccinated cows

**It should be noted that TAHC will be responsible for assisting with the requirement for EID tags in cattle being shipped out of Texas. Cattle moving out of Texas will have to meet the new USDA rule stipulations and cattle will also have to have a Certificate of Veterinarian Inspection (CVI).**

An additional requirement specified in the TAHC ADT rule requires adult breeding cattle in Texas to have an approved form of permanent identification within 7 days of a change of ownership. Effective January 1, 2013, all cattle that are parturient (pregnant) or post parturient or 18 months of age and older must be officially identified with an official ear tag or other form of official permanent identification as approved by the TAHC within seven days of the change of owner-

## Continue: Changes to USDA APHIS Animal Disease Traceability (ADT) Rule Affecting Beef Cattle

ship (§50.3(a)), unless otherwise exempted.

There are several options for meeting this permanent identification requirement with approved techniques and products. To offer a cost-effective alternative, the TAHC has made the official metal clip ear tags accessible to producers at no charge. These tags have been consistently utilized for years for initial Brucellosis testing. Acceptable tags in the TAHC ADT program can be found on their website. [https://www.tahc.texas.gov/adt/pdf/ADT\\_OfficialIdentification.pdf](https://www.tahc.texas.gov/adt/pdf/ADT_OfficialIdentification.pdf)

These metal clip ear tags have been made available from TAHC through multiple locations in most counties. To assist producers across the state in gaining easy access to these metal clip tags, Texas A&M AgriLife Extension Service agreed to assist in the tag distribution. Livestock auction barns and interested veterinary clinics will also partner with TAHC in the distribution of tags. Participating AgriLife Extension offices along with other partners are listed on the TAHC website. The previous link provides a list of approved methods of identification for livestock.

Although metal clip tags are still considered an official tag, the TAHC has been transitioning to official EID for most of their programs. Calfhooed vaccinated heifers currently receive the orange Official 840 EID tag at time of vaccination. Adult animals will use the official 840 EID tags when worked through one of their programs as well.

While there hasn't been a mandated requirement to use EID tags in Texas, the TAHC has been moving that way for several years. TAHC will serve as an Official EID Tag source for the USDA requirement for EID on Interstate Shipment of covered classes of cattle.

Currently, TAHC can provide free Orange "840" EID tags for heifers that are calfhooed vaccinated (these are distributed to veterinarians only) and white "840" EID for breeding cattle over 12 months of age. These tags are currently available, free of charge, to producers. Note: Official EID tags for the Federal ADT program all begin with the numbers 840. Only 840 tags are accepted as approved tags for ADT use.

**Note: If cattle are already tagged with an official USDA tag (such as a metal clip tag) they will not be required to replace that tag or add an EID tag. All Official tags currently in cattle will be honored as official tags and meet requirements for intrastate and interstate shipment in Texas.**

This link takes you to the TAHC website on ADT: <https://www.tahc.texas.gov/adt/#identification>

This link takes you to a list of approved official ADT tagging options for TAHC programs: [www.tahc.texas.gov/adt/pdf/ADT\\_OfficialIdentification.pdf](http://www.tahc.texas.gov/adt/pdf/ADT_OfficialIdentification.pdf)

This link (also provided in the text) will take you to the USDA ADT site in the Federal Register: <https://www.ecfr.gov/current/title-9/chapter-I/subchapter-C/part-86>

## Home-Grown Vegetable Contest 2024

Do you think you have the best vegetables or the biggest tomato? The Horticulture Committee of Austin County, Linseisen's Feed & Supply, and Nelson's Plant Food are pleased to present the Home-Grown Vegetable Contest and Program being hosted on Saturday, June 8th. Show off the prize-winning vegetables from your garden!

The contest is open to the public, with no entry fee and no age requirements! If you love to garden and grow vegetables, you can enter. Vegetable check-in will be at Linseisen's Feed located at 551 W Main, Bellville from 9:00 AM until 10:00 AM. The judging will be closed to the public, with awards presented no earlier than 11:00 AM. There will be a free educational presentation offered at 10:00 AM held at the Bellville VFD meeting room located at 511 W Main, Bellville. You can walk from Linseisen's. The presentation will be given by Robert Luedeker with Austin County Horticulture Committee. He will be showing "How to Make Homemade Sauerkraut".

Only one entry per person in each of the main categories according to specifications on the informational flyer. No rotten or split vegetables will be allowed or judged. All vegetables or fruits entered must be edible and grown by the exhibitor. No store-bought products permitted. Please provide the correct number of samples per category when entering to avoid disqualification.

*See Flier on Page 7*



# Austin County Livestock Association Annual Meeting

## June 6, 2024

Cat Spring Agricultural Hall  
13035 Hall Rd., Cat Spring, TX 78933

**CEU Registration: 1-1:30pm**

**CEU Program: 1:30-5pm**

**\$25/person-**

*includes Meal & Membership Dues*



### **CEU Speakers & Topics: (3 CEU's )**

- **Pesticide Laws & Regulations, (1 L&R)**

*Cammie Johnson, TDA Inspector*

- **Feral Hog Control, (1 IPM)**

*Jay Long, Project Coordinator with Texas A&M  
Natural Resources Institute*

- **Drift Minimization/Control, (1 General)**

*Bryce Macdonald, Range & Pasture  
Specialist with Corteva*



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**Meeting Registration: 5:30-6:30pm**

**Meal: 6:30pm**

*Followed by Annual Meeting & Speaker*

**General Pasture Management, Bryce  
Macdonald, Range & Pasture Specialist  
with Corteva**



# 2024 AUSTIN COUNTY HOME-GROWN VEGETABLE CONTEST

SPONSORED BY:  
AUSTIN COUNTY HORTICULTURE COMMITTEE  
LINSEISEN'S FEED & SUPPLY  
NELSON'S PLANT FOOD

**Saturday, June 8th**

**Vegetable Check In-9AM-10AM**  
**Speaker-10AM**  
**Awards-11AM (no earlier)**

Awards for the  
Top 3 Best in  
Show

**Open to All Ages and FREE to the Public**

**Vegetable Drop off/Check in at:**  
Linseisen's Feed & Supply; 551 W. Main, Bellville, TX

**Educational Program & Awards at:**  
Bellville VFD Meeting Room; 511 W. Main, Bellville, TX

**Speaker:** Robert Luedeker, Austin County Horticulture Committee  
**Topic-**How to Make Homemade Sauerkraut

*All Entries MUST be picked up by the closed of Business day for Linseisen's*



Vegetable	Category	Requirements
Tomato	Best	Group of Three-Must be ripe
Tomato	Biggest (By Weight)	Single - Must be ripe
Vegetable or Fruit	Unique	Single Vegetable or Fruit
Bell Pepper	Best	Group of Three (3)
All Other Peppers	Best	Group of Three (3)
Cucumber	Best	Group of Three (3)
Squash	Best	Group of Three (3)
Beans/Peas	Best	Group of Twelve (12)
Onion	Best	Group of Three (3)
Potato	Best	Group of Three (3)
Corn	Best	Group of Three (3)
Fruit/Berries	Best	Fruit (Group of Three) or Berries (Mini. 1/2 Pint)
All Others	Best	Vegetables/Melons
Best of Show	Best	All Entries Above

*All entries MUST be grown by the exhibitor. All entries MUST be healthy and edible. One entry per exhibitor per category except on "All Others", "All Other Peppers", and "Fruits/Berries". Must still be different types of vegetables/Melons or Fruits/Berries. Judges may add extra categories based on entry numbers*

**QUESTIONS PLEASE CALL: TEXAS A&M AGRILIFE EXTENSION SERVICE OF AUSTIN COUNTY  
AT 979-865-2072 OR VISIT OUR WEBSITE AT [HTTP://AUSTIN.AGRILIFE.ORG](http://austin.agrilife.org)**

INDIVIDUALS WITH DISABILITIES WHO REQUIRE AN AUXILIARY AID, SERVICE OR ACCOMMODATION IN ORDER TO PARTICIPATE IN THIS ACTIVITY ARE ENCOURAGED TO CONTACT THE EXTENSION OFFICE IN AUSTIN COUNTY AT LEAST EIGHT DAYS PRIOR TO THE PROGRAM FOR ASSISTANCE.  
THE MEMBERS OF TEXAS A&M AGRILIFE WILL PROVIDE EQUAL OPPORTUNITIES IN PROGRAMS AND ACTIVITIES, EDUCATION, AND EMPLOYMENT TO ALL PERSONS REGARDLESS OF RACE, COLOR, SEX, RELIGION, NATIONAL ORIGIN, AGE, DISABILITY, GENETIC INFORMATION, VETERAN STATUS, SEXUAL ORIENTATION OR GENDER IDENTITY AND WILL STRIVE TO ACHIEVE FULL AND EQUAL EMPLOYMENT OPPORTUNITY THROUGHOUT TEXAS A&M AGRILIFE.





# 2024 AUSTIN COUNTY LUNCH N LEARN SERIES

IN CONJUNCTION WITH THE BLUEBONNET MASTER GARDENER ASSOCIATION

AUSTIN COUNTY ANNEX  
800 E WENDT ST  
ROOM #4  
BELLVILLE, TX 77418

FREE/OPEN TO THE PUBLIC

BRING YOUR OWN LUNCH  
LIGHT REFRESHMENTS PROVIDED

REGISTRATION: 11:50 AM - 12:00 PM  
PROGRAM: 12 PM - 12:55 PM

JUNE 18, 2024

## Disaster Prevention and Resilience

Stephen Burnett,  
Disaster Assessment Recovery

### *Common Natural Disasters*



REGISTRATION IS NOT REQUIRED BUT IS ENCOURAGED. TO REGISTER CALL THE OFFICE OR VISIT OUR WEBSITE AT [HTTP://AUSTIN.AGRILIFE.ORG](http://austin.agrilife.org)

SCAN TO REGISTER



QUESTIONS? PLEASE CALL: TEXAS A&M AGRILIFE EXTENSION SERVICE OF AUSTIN COUNTY AT 979-865-2072

The members of Texas A&M AgriLife will provide equal opportunities in programs and activities, education, and employment to all persons regardless of race, color, sex, religion, national origin, age, disability, genetic information, veteran status, sexual orientation or gender identity and will strive to achieve full and equal employment opportunity throughout Texas A&M AgriLife. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating. Individuals with disabilities who require an auxiliary aid, service or accommodation in order to participate in this activity are encouraged to contact the Extension Office at (979) 865-2072 prior to the meeting to determine how reasonable accommodations can be made.





TEXAS  
PARKS &  
WILDLIFE

# Harmony on the Range

INTEGRATING GRAZING AND  
WILDLIFE MANAGEMENT

**WHEN:** FRIDAY, JUNE 21, 2024 @ 9:00AM - 4:30PM

**WHERE:** LONG ACRES RANCH, 2335 RICHMOND PKWY,  
RICHMOND, TX 77469

**COST:** \$20(CHECK OR CASH UPON ARRIVAL)

PLEASE RSVP BY EMAILING JON MCLEOD AT  
JON.MCLEOD@TPWD.TEXAS.GOV OR FOLLOW QR CODE

LUNCH WILL BE PROVIDED

**PRESENTATION TOPICS WILL INCLUDE:**

- SUSTAINABLE GRAZING FOR WILDLIFE AND CATTLE
- GAME BIRD MANAGEMENT ON WORKING LANDS
- PREDATOR CONTROL
- PATCH BURNING AND GRAZING
- DEER MANAGEMENT ON WORKING LANDS
- COST-SHARE PROGRAMS FOR CATTLE AND WILDLIFE MANAGEMENT



IN COLLABORATION WITH



SPECIAL THANKS TO  
AUSTIN COUNTY  
WILDLIFE MANAGEMENT  
ASSOCIATION



# Bluebonnet Master Gardener Association

TEXAS A&M AGRILIFE EXTENSION

## 2024 Kids Kamp

**Space is limited!**

**Washington County**  
June 4<sup>th</sup> - 6<sup>th</sup>

Washington County  
AgrILife Extension  
Washington Co. Expo  
Event Center  
1305 E. Blue Bell Rd.  
Brenham, Texas 77833  
**Registration Deadline:**  
5/28/2024

**Colorado County**  
June 11<sup>th</sup> - 13<sup>th</sup>

Colorado County AgrILife  
Extension  
Weimar Civic Center  
1754 IH-10  
Weimar, Texas 78962  
**Registration Deadline:**  
6/4/2024

**Fayette County**  
June 18<sup>th</sup> - 20<sup>th</sup>

Fayette County AgrILife  
Extension  
Fayette Co. Extension  
Ag Building  
255 Svoboda Lane  
La Grange, Texas 78945  
**Registration Deadline:**  
6/11/2024

**Austin County**  
June 25<sup>th</sup> - 27<sup>th</sup>

Austin County  
AgrILife Extension  
Immaculate Conception  
Catholic Church Parish Hall  
15994 HWY 159 West  
Industry, Texas 78944  
**Registration Deadline:**  
6/18/2024

**Topics Include:**  
.Plant Propagation  
.Herbs  
.Garden Visitors



To Register and Pay Online visit:  
<https://txmg.org/bluebonnet/kidskamp/>

For more information contact your local County Extension Agent:

Austin County	Stacie Villarreal	979-865-2072
Colorado County	Laraine Kettler	979-732-2082
Fayette County	Scott Willey	979-988-5831
Washington County	Kara Mathoney	979-277-6212 ext. 2

8:00 a.m.  
to  
12:00 p.m.

Open to  
kids ages  
10 - 13!

\$35.00  
Per Child

Take  
Home  
Activities

Hands  
on  
Learning

Healthy  
Snacks

Purple Martins  
Moles, Gophers,  
Armadillos  
& Snakes

The members of Texas A&M AgrILife will provide equal opportunities in programs and activities, education, and employment to all persons regardless of race, color, sex, religion, national origin, age, disability, genetic information, veteran status, sexual orientation, or gender identity and will strive to achieve full and equal employment opportunity throughout Texas A&M AgrILife. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating. Individuals with disabilities who require an auxiliary aid, service or accommodation in this meeting are encouraged to contact the County Extension Office at (979) 277-6212 prior to the meeting to determine how reasonable accommodations can be made.





**This Month:  
Grazing**

# FEATHERS, FURS, AND FARMING

**July 26, 2024**

Registration 1:00pm-  
1:30pm  
Program 1:30-5:00pm

**\$15/Person**  
**\$20/Couple**

**Weimar Civic Center**

1754 IH-10  
Weimar, TX 78962

**Laramie Kettler**  
979-732-2082  
Colorado County

**Stacie Villarreal**  
979-865-2072  
Austin County

**Mark Lange**  
979-732-3458  
Colorado County

**Jon McLeod**  
832-595-8999  
Austin/Pl. Bend County

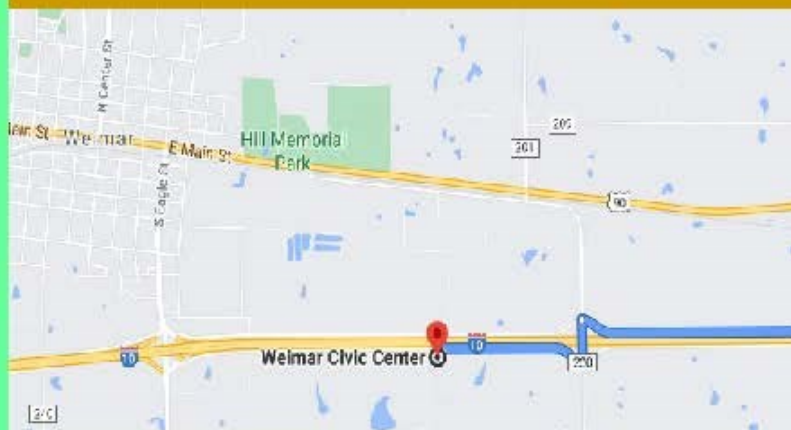
## TOPICS

**1 CEU - General**

Determining Stocking Rate

Grazing for Wildlife Management

Grazing Programs for Landowners



*Educational programs of the Texas A&M AgriLife Extension Service are open to all people without regard to race, color, religion, sex, national origin, age, disability, genetic information or veteran status.  
The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating*



# Private Applicator Licenses Trainings for 2024



## *Prices:*

*Training-\$10*

*Books-\$50*

*(2 manuals)*

**Cash or Check only!**

**Please bring exact change**

**Checks payable to:**

**Extension Program Council  
(EPC)**

***Nonrefundable***

***Please RSVP to reserve  
your spot, space is limited***

<http://austin.agrilife.org/event-registrations/>



Texas A&M AgriLife Extension provides equal opportunities in its programs and employment to all persons, regardless of race, color, sex, religion, national origin, disability, age, genetic information, veteran status, sexual orientation, or gender identity. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating.

Friday, May 17th

Friday, August 2nd

Friday, November 1st

*Training is from 1pm to 5pm*

*Check in/Registration starts 15 mins prior,  
Please do not arrive more than 15 mins before the class.*

*\*Date & Time are subject to change\**

*You may bring your own refreshments*

Training will be conducted at

Texas A&M AgriLife Extension Service of

Austin County located at

800 E Wendt St., Bellville, TX 77418

The purpose of this training is to obtain a Private Applicator License from Texas Department of Agriculture (TDA). This license will enable the applicator to purchase and apply state limited use and federally restricted chemicals on his land or land he has control of for the purpose of production of agricultural commodities. All farm and ranch operators who do not have a Private Applicator's License to purchase "restricted use" pesticides (such as 2, 4-D, Grazon P+D, Tordon 22K, etc.) will need to attend this training.

If you are interested in obtaining a Private Applicator License Training and need a different date, please contact the Austin County Extension office at (979) 865-2072 to purchase the manuals.

TEXAS A&M  
**AGRI LIFE**  
EXTENSION





# 2024 AUSTIN COUNTY **TEXAS A&M AGRILIFE** LUNCH N LEARN SERIES-FALL EXTENSION

HOSTED BY: BLUEBONNET MASTER GARDENER ASSOCIATION  
FREE/OPEN TO THE PUBLIC

AUSTIN COUNTY AGRILIFE EXTENSION OFFICE  
800 E WENDT ST  
BELLVILLE, TX 77418

BRING YOUR OWN LUNCH  
LIGHT REFRESHMENTS PROVIDED

REGISTRATION: 11:50AM - 12PM  
PROGRAM: 12PM -12:55PM

**August 20th**  
**Companion Plants for your Garden**  
**Gerald DuPont ,**  
**Bluebonnet Master Gardener**

**September 17th**  
**Propagation**  
**Randy Albers,**  
**Bluebonnet Master Gardener**

**SEED LIBRARY**  
**October 15th**  
**Seed Library**  
**Mary Ann Drawl,**  
**Waller County Master Gardener**

**November 19th**  
**Entomology**  
**Renee Kofman,**  
**Bluebonnet Master Gardener**

SCAN TO REGISTER



REGISTRATION IS NOT REQUIRED BUT IS ENCOURAGED. TO REGISTER CALL THE OFFICE OR VISIT OUR WEBSITE AT [HTTP://AUSTIN.AGRILIFE.ORG](http://austin.agrilife.org)

QUESTIONS PLEASE CALL: TEXAS A&M AGRILIFE EXTENSION SERVICE OF AUSTIN COUNTY AT 979-865-2072

INDIVIDUALS WITH DISABILITIES WHO REQUIRE AN AUXILIARY AID, SERVICE OR ACCOMMODATION IN ORDER TO PARTICIPATE IN THIS ACTIVITY ARE ENCOURAGED TO CONTACT THE EXTENSION OFFICE IN AUSTIN COUNTY AT LEAST EIGHT DAYS PRIOR TO THE PROGRAM FOR ASSISTANCE.  
THE MEMBERS OF TEXAS A&M AGRILIFE WILL PROVIDE EQUAL OPPORTUNITIES IN PROGRAMS AND ACTIVITIES, EDUCATION, AND EMPLOYMENT TO ALL PERSONS REGARDLESS OF RACE, COLOR, SEX, RELIGION, NATIONAL ORIGIN, AGE, DISABILITY, GENETIC INFORMATION, VETERAN STATUS, SEXUAL ORIENTATION OR GENDER IDENTITY AND WILL STRIVE TO ACHIEVE FULL AND EQUAL EMPLOYMENT OPPORTUNITY THROUGHOUT TEXAS A&M AGRILIFE.



# Save the Date

## Bluebonnet Master Gardener

# Fruit & Citrus Tree Sale

Select from tree varieties suitable to grow in Austin, Colorado, Fayette, and Washington Counties to help ensure grower success and a fruitful experience! Trees are grown by expert nurserymen, under controlled growing conditions to produce the healthiest and best quality products.

## August 23, 2024

### Location of Sale:

**American Legion Post #442**  
**1630 Meyer St.**  
**Sealy, TX 77474**

**Sale Starts at 11am**

- **No Online Pre-Sale; it will be first come first served the day of**
- **Trees MUST be paid for at time of pick up, no holds**
- **Will except Cash, Check, or Credit Cards**

To learn more about the Bluebonnet Master Gardeners visit:

<https://txmg.org/bluebonnet>

All proceeds benefit the Bluebonnet Master Gardener Association scholarships fund, community gardening projects, and summer activities for area youth.

The Bluebonnet Master Gardeners Association is a network of trained Master Volunteers working directly with the Texas A&M AgriLife Extension Offices in Austin, Colorado, Fayette, and Washington Counties.





LONE STAR  
HEALTHY  
STREAMS

Learn about

- Raising Backyard Poultry
- Managing Feral Hogs
- Livestock Grazing BMPs

AND Improving Local Water Quality

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Immaculate Conception  
Catholic Church

Industry, TX

CEUs pending approval



TEXAS A&M  
AGRI LIFE  
EXTENSION

MILL CREEK  
WATERSHED PARTNERSHIP

SAVE  
THE  
DATE

AUGUST 30TH

TEXAS STATE  
SOIL AND WATER  
CONSERVATION BOARD

Funding for this project is provided through a Clean Water Act Section 319(h) Nonpoint Source Grant from the Texas State Soil and Water Conservation Board and the U.S. Environmental Protection Agency.



# Texas State-Wide Non-Commercial Wine Competition at the Austin County Fair

**SUNDAY, OCTOBER 13, 2024  
AUSTIN COUNTY FAIRGROUNDS  
AMERICAN LEGION HALL, 988 E. MAIN, BELLVILLE TX**

Produced & Coordinated by the Gulf Coast Winegrowers Association

## DROP OFF/SHIPPING LOCATIONS

### Early Entries

**\*Earlier entries may be submitted upon notification  
September 23rd - October 4th  
(9am-12pm & 1pm-4pm)**

- AgriLife Extension Office-Austin County
    - 800 E. Wendt St., Bellville, TX 77418
- \*Entries may be shipped to the above location**

**Drop Off Day of Show  
October 13th  
(10:00am-12:15pm)**

- American Legion Hall (Fairgrounds)
  - 988 E Main, Bellville, TX 77418

## Buckles & Medals

- State Champion Overall Belt Buckle
- State Reserve Champion Overall Belt Buckle
- Austin County Champion Belt Buckle
- Gold, Silver, Bronze Medals for each Class

## WINE CLASSIFICATIONS

- Red Wine-Dry
- Red Wine-Sweet
- White Wine-Dry
- White Wine-Sweet
- Blush/Rose'
- Dessert/Port/Sherry Style
- Native/Mustang/Muscadine Grape
- Fruit/Berry
- Sparkling Wine
- Mead

**GRAPE WINE  
MUST BE "GO  
TEXAN"  
(75%+ TEXAS  
GRAPES)**

**NEW THIS  
YEAR**

**\$10 per Entry  
Unlimited  
number of  
entries per  
category**

**Free Public  
Tastings and  
Awards  
Immediately  
after judging,  
approximately  
3:30 p.m.**



**Open to 2024  
and earlier  
Vintages.  
Repeat entries  
are not eligible.**

**Entry is  
minimum of 2,  
750 mL  
bottles, extra  
bottles may  
be brought  
for tasting**

**For a set of complete rules and entry form visit: <https://austin.agrilife.org/wine/>**





# Austin County Feral Hog Bounty Program

*Sponsored by: Austin County Commissioners Court*

## Austin County Bounty Program:

Subject to fund availability, participants will be awarded \$5 per feral hog harvested in Austin County. Biological evidence **MUST** be provided of harvest in form of a pair of feral hog ears. Each pair must be placed in an individually sealed bag and dropped off to 1 of the 3 drop off locations.



*Only 20 pairs  
per household  
per month*

**\$5/pair  
of ears**

## Drop Off Locations:

- ***Steinhauser's (Sealy location ONLY)***
- ***Linseisen's Feed & Supply (Bellville)***
- ***Lindemann Store (Industry)***

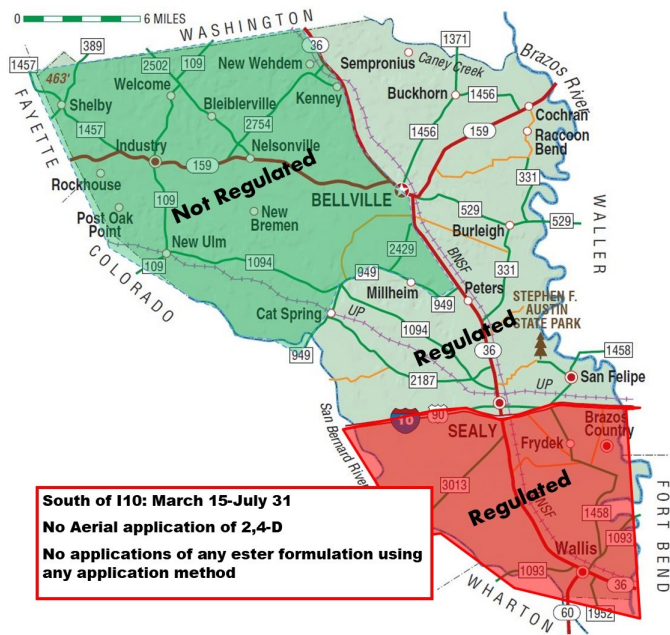
*Feral hogs can be harvested until funds are depleted. All feral hog **MUST** be harvested in Austin County.*



# SPRAY PERMITS REQUIRED FOR A PORTION OF AUSTIN COUNTY

As a reminder to anyone that will be using state limited use or state restricted use herbicides in Austin County, a permit to apply these herbicides must be obtained through the Texas Department of Agriculture if you plan on spraying in certain portions of the county. The following areas of Austin County must acquire a permit as is specified in the Texas Agricultural code, chapter 75,

1) Only that portion of Austin County lying east and south of the line beginning at the point where State Highway 36 crosses the north county line, thence southerly along Highway 36 to FM 949; thence westwardly along FM 949 to the San Bernard River is regulated by the Act, Subchapter G and regulations adopted thereunder.



2) Between March 15 and July 31, in that portion of Austin County lying south of Interstate Highway 10, the following restrictions on the use of 2,4-D formulations shall apply:

(A) the application by aircraft is prohibited.

(B) the use of all ester formulations by any method is prohibited.

Permits may be obtained from the Texas AgriLife Extension Service of Austin County at (979) 865-2072. Forms can also be obtained by contacting the Texas Department of Agriculture Gulf Coast Regional Office in Houston at (713) 921-8200.

REGISTERING FOR A COUNTY PROGRAM?  
[CLICK HERE](#)

Please feel free to contact me if you have any questions.

Sincerely,

**Stacie M. Villarreal**

Texas A&M AgriLife Extension Service

County Extension Agent- Agriculture & Natural Resources - Austin County

1 East Main, Bellville, TX 77418 (Mailing Address)

800 E Wendt St, Bellville, TX 77418 (Physical Address)

Phone: 979-865-2072

[stacie.villarreal@ag.tamu.edu](mailto:stacie.villarreal@ag.tamu.edu)

[Austin.agrilife.org](http://Austin.agrilife.org)

Educational programs of the Texas A&M AgriLife Extension Service are open to all people without regard to race, color, religion, sex, national origin, age, disability, genetic information, or veteran status. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating. Individuals with disabilities who require an auxiliary aid, service or accommodation in order to participate in this meeting are encouraged to contact the County Extension Office at (979) 865-2072 ten (10) days prior to the meeting to determine how reasonable accommodations can be made.