

March 2019



Stacie Villarreal
 County Extension Agent
 Ag/Natural Resources
 stacie.villarreal@ag.tamu.edu

Upcoming Dates

- Beef Cattle Management Seminar— 3/22/19
- 11th Annual Beekeeping school— 3/23/19
- 8th Lone Star Water Forum— 3/30/19
- Ag Symposium 4/16/19
- Texas Community Future Forum —4/16/19
- New/Small Landowners series— 4/25/19
- Private Applicator Training 5/9/19
- 4-H BBQ Fundraiser— 5/18/19
- New/Small Landowners series— 5/23/19
- Private Applicator Training 8/8/19
- New/Small Landowners series— 8/22/19
- New/Small Landowners series— 9/26/19
- Private Applicator Training 11/7/19

Check for fliers in the back of the newsletter



Industrial Hemp—Texas Legislative Action is Required for Future Production

Submitted by Dr. Calvin Trostle, Extension Agronomy, TAMU Dept. of Soil & Crop Sciences, Lubbock, (806) 746-6101, ctrostle@ag.tamu.edu

(Disclaimer: The Texas A&M University System and System agencies, including Texas A&M AgriLife Extension Service and its employees, do not advocate for or against the passage of legislation in Texas which would legalize industrial hemp production. Furthermore, Texas A&M AgriLife does not endorse possible future legal industrial hemp production as a viable agricultural production system in Texas relative to any other crop.)

Despite what you may have heard, industrial hemp it is still not legal in Texas to plant, grow, and harvest. As mandated in the 2018 Farm Bill, which removed industrial hemp from the list of federally controlled substances, states may now develop a plan using USDA guideline to regulate and develop industrial hemp production. For some states, this may be relatively easy. But Texas has laws that currently ban all industrial hemp as illegal.

Even the Texas Hemp Industries Association, <https://www.facebook.com/TexasHIA>, in January cautioned: “ATTENTION! To plant and grow hemp in Texas without a license is ILLEGAL! There are no programs to issues licenses at this time” (emphasis there). TXHIA explains “...while the 2018 Farm Bill takes the federal Drug Enforcement Agency (DEA) out of the business of regulating hemp and hemp products, state governments continue to exercise jurisdiction over hemp, and the federal Food and Drug Administration (FDA) continues its jurisdiction over ingestible and body care products.”

Reversing this ban will require action by the Texas Legislature and the governor’s signature. Once there is legislative approval then the Texas Department of Agriculture would be directed to develop regulatory guidelines for licensing, approval, reporting, and testing requirements in Texas. These must then be approved by the U.S. Secretary of Agriculture.

There were several industrial hemp bills filed in the Texas House and Senate at the beginning of the 2019 legislative session. Now a “better” bill, SB 1240, filed by state Sen. Charles Perry, Lubbock, on Feb. 27, 2019 improves alignment with requirements in USDA’s 1946 Agricultural Marketing Act. It appears the bill also better addresses topics such as defining licensing fees, reporting, etc. Texas Dept. of Agriculture Commissioner Sid Miller supports passage of SB 1240. It is also endorsed by Texas Farm Bureau. A summary of the bill is found at <https://senate.texas.gov/members/d28/press/en/p20190227a.pdf> You can read the full bill by typing ‘hemp’ in the search box at <https://capitol.texas.gov/>

Spring Calf Management Tips

Texas is one of the few states that can go from the dead of winter to the beginning of summer in five days. Fortunately, the calves that are coming now in pastures throughout the bottom half of Texas will be the prime beneficiary of the better weather as will the green that is beginning to appear in pastures from the Sabine to the Rio Grande. Now is the time to consider a few economically beneficial few calf management tips.

First, when possible, your calves should be identified. A good ear tag will help you remember the birthdate and dam of the calf, and later at weaning and marketing, his growth rate and market value. Calves born early in the season weigh more at weaning (about 2-2.5 lbs. more per day of age) and calves that are born earlier are generally out of more adapted (and fertile) cows. Calf weight at weaning and marketing will assist you in deciding which cows are more productive and produce more valuable calves.

Second, as soon after birth as possible, castrate bull calves that you are not intending to raise and dehorn all calves. Doing these practices at a very young age reduces the pain of the procedure and increases the speed of recovery. Castrated calves are more desired by the feeding industry and they bring more dollars per pound when marketed as their carcasses will quality grade higher and be more valuable. The downside to castration is the steer calves will weigh less at weaning than bull calves but using a calf growth implant when castrating will offset the loss of gain. Dehorning or disbudding will improve the appearance and uniformity of the calves and reduce the potential for injury to you and other animals. If genetically homozygous polled bulls or cows are used, dehorning will not be necessary.

Finally, vaccinate your calves for the Blackleg or Clostridial diseases, especially if their dams have not been vaccinated and the calves are over a month old. This vaccination will protect calves from these "sudden death" diseases. All the commercial vaccines provide excellent immunity from these diseases and all calves should be vaccinated and boosted according to the label.

Name that Plant? Sennabeen, Drummond Sesbania

Description

Sennabeen is a woody-based perennial shrub of the legume family that grows to about 2 to 10 feet tall. Twenty to 40 leaflets are arranged opposite along a main axis with leaves up to 8 inches long. Yellow flowers are borne in spikes in late summer. The seedpod often remains closed and on the plant over the winter. It has a very characteristic four-winged structure with constrictions and cross partitions between the seeds.

Habitat

Sennabeen grows in East and South Texas along the coast, extending inland along waterways. It is found in wet areas, usually in tight soil, and often grows in shallow water.

Toxic Agent

Sennabeen plants contain sesbaimide, which is concentrated in the seed. The green and flowering plants are unpalatable; only the mature, dry legumes and seed are consumed. Animals raised in pastures with the plant learn to avoid it and are seldom poisoned. However, naive cattle, goats or sheep placed on pastures containing dried plants in late fall and winter are often poisoned. Observations of field cases indi-

cate that seeds are much more toxic when they first mature than 2 or 3 months later.

Signs of Livestock Ingestion

Signs of poisoning occur within 1 or 2 days after ingestion and may include: Depression; Diarrhea; Weakness; Rapid heart rate; Labored breathing; Death.

Clinical signs progress rapidly; sick animals often die within 24 hours. Diagnosis is confirmed when seeds and/or seed fragments are found in the rumen contents.



Master Naturalist Program--All about Bees & Beekeepers

Thursday, April 4

6:30 PM social, 7 PM program

Rosenberg Convention Center, 3825 Texas 36 South, Rosenberg, TX, USA

“All about Bees & Beekeepers”, presented by Mike Jurek and Monica Siwiak, members of the Fort Bend Beekeepers Association.

- How we started beekeeping
- Different types of beekeepers
- Bee Biology
- Different types of bees in the hive
- Different types of hives
- Ways to help the bees



Photo credits: Honeybee Images courtesy of Fort Bend Beekeepers



The Texas Master Naturalists are sponsored by Texas Parks and Wildlife Department and Texas A&M AgriLife Extension Service. For additional information call 281-633-7033 or email mmcdowell@ag.tamu.edu

Free and Open to the Public

Conducted by Coastal Prairie Chapter – Texas Master Naturalists

Website: <https://txmn.org/coastal/>

FACEBOOK <https://www.facebook.com/TXMNCoastal/>

Multi-County New/Small Landowners Series (Grimes & Waller)

The Multi-County New Landowner Education program is a series of 6 informational meetings, seminars, and field days designed to make new/small landowners in Grimes & Waller Counties aware of what types of agricultural enterprises are best for their property. Participants in the program will hear from experts in a variety of fields in agriculture about best management practices that can be implemented on their own property. This innovative program assists new landowners in understanding the concepts of rural living. Participants in the program are given exposure to ideas on raising livestock and horses, plant identification, applying pesticides, soil testing, stock pond management, pond construction, and much more. The program also serves as a way for new residents of the two counties to network and meet new people in their communities, find out what can be done on their land, what operations can be successful, and possibly what opportunities they have to serve the community.

The programs will be held on the third Thursday of the months of February through May and August and September. Each month's meeting will be held at different locations in one of the two counties. The meetings begin at 6pm and will last between 2 hours depending on the topic. The cost for the program series is \$50 per person,

\$75 per couple for all six meetings, \$15 per person per meeting. Continuing Education Units (CEU's) for pesticide applicators will be offered as they are applicable. A great meal will be provided at every meeting.

March 21st – Pond Management

April 25th – Bees and Pest Insects

May 23rd – Viticulture

August 22nd – Forage Production & Livestock Production

September 21st – Private Applicator Information

The second meeting for the 2019 series will take place on Thursday, March 21, 2019 at the Thomas Ranch in Grimes County located at 10365 Summer Lane, Anderson TX. At this session we will have Tyler Harmon with Ultramatic Lake Management & Consulting speak on some basic pond management and practices, weed control and more. Don't miss this wonderful opportunity!

For more information please contact the Texas A&M AgriLife Extension Office in Grimes County at 936-873-3907 or Waller County at 979-826-7651.

Check out the Fliers in the back of the newsletter!

TEXAS A&M
AGRI LIFE
EXTENSION

NEW & SMALL
LANDOWNERS
SERIES

Pond Management

March 21, 2019

Program 6:00-8:00 pm

\$15/person for single class

or \$50 for whole series

or \$75 per couple for entire series

Meal Included with Program

CEU's
will be
offered

Location:

Thomas Ranch
10365 Summer Lane
Anderson, TX 77830

The session will focus on
best pond management
practices, weed control and
more.

Speaker will be Tyler Harmon

For More Information
& to RSVP

Please Contact:
Grimes County Extension
Office

936.873.3907

Waller County Extension
Office

979.826.7651

RSVP by:

March 19th

Sponsors



Multi-County New & Small Landowners Series

Waller & Grimes Counties

- Sessions held every 3rd Thursday from 6-8pm
- \$50 per person or \$75 per couple for entire series OR \$15 a session
- Meal is included
- Advanced Registration Required
- Register by February 15th

TEXAS A&M
AGRILIFE
EXTENSION

For more information or to register, please contact:

Stacie Villarreal
Waller County
979-826-7651
stacie.villarreal@ag.tamu.edu

Allen Homann
Grimes County
936-873-3907
allen.homann@ag.tamu.edu



- February 21 **Meet your local resources**
Hosted in Waller Co.
- March 21 **Pond Management**
Hosted in Grimes Co.
- April 25 **Bee's & Pest Insects**
Hosted in Waller Co.
- May 23 **Viticulture**
Hosted in Grimes Co.
- August 22 **Livestock & Forage**
Hosted in Waller Co.
- September 26 **Private Applicator Information**
Hosted in Grimes Co.

CEU's offered

Meal
Sponsored by:





March 22, 2019
12:30 p.m.

**Four County
Auction Center**

15900 TX HWY 159
Industry, TX 78944

\$20.00 Fee

Beef Cattle Management Seminar

**Sponsored By:
Austin County Beef & Forage Committee**

**3 CEU's given to all pesticide applicators:
1 Laws & Regulations and 2 general**

Topics:

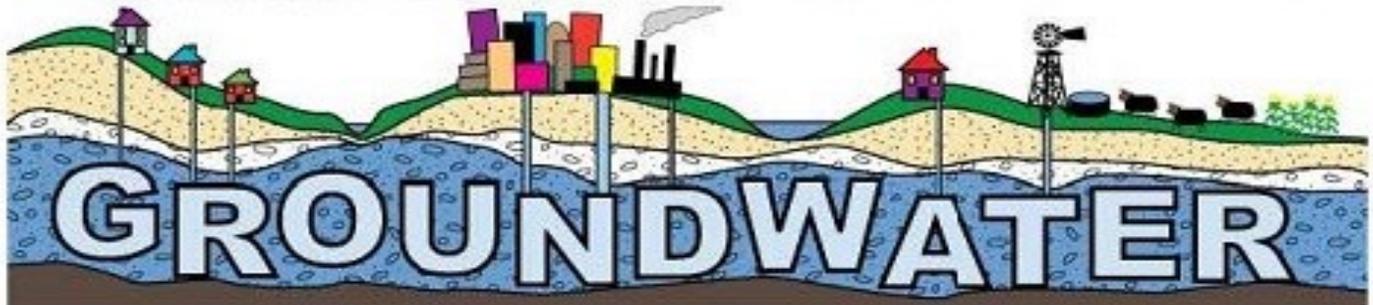
- Feeder Calf Selection with live demonstration
- Pasture Maintenance: Weed and Brush
- Laws and Regulations Update

Registration: 12:30pm

Program: 1:00 pm-4:30 pm

Please call Austin County Texas A&M
AgriLife Extension Service at 979-865-2072
to register. Or visit our website at
<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.



8th Lone Star Water Forum

Future of Texas Groundwater

The Transfer from Wet Counties to Dry Counties

March 30, 2019

8:30am - 3:00pm

Washington County
Fairgrounds Event Center
1305 East Blue Bell Rd.
Brenham, Texas 77833

Registration: 8:30am - 9:00am
Program: 9:00am - 3:00pm

Registration Fee: \$10.00

For more information
please visit:
<http://wcvwildlife.org/>



Agenda

- 8:30am Registration
- 9:00am Welcome & Speaker Introduction
Larry Joe Dickery, Chairman of the Lone Star Water Forum
- 9:15am Consequences of Water Overuse
Charles Foster, Ph.D. Professor at St. Edwards University, Water Expert Witness, Author of "Sharing The Common Pool, etc."
- 9:35am Update and Water "Refresh Course"
John Dupont, Deputy Executive Administrator, Office of Water Science and Conservation at the Texas Water Development Board
- 10:10am BREAK
- 10:15am Surface Water Transfers - Procedures and Issues
Jason Hill, Attorney-at-Law, Jason T. Hill and Company
- 11:10am Experiences in Groundwater Permitting in the Clearwater Underground Water Conservation District
Dirk Aeron, General Manager
- 12:00pm LUNCH
- 12:30pm Groundwater Transfers
Yvonne Pugh-Williams, Attorney-at-Law, Executive Director and General Counsel for the Trinity Edwards Springs Protection Association
- 1:00pm Groundwater Transfers
Ed McCarty, Attorney-at-Law, Mc-Carty & Mc-Carty, LLP
- 2:00pm BREAK
- 2:15pm Panel Discussion and Closing Remarks
- 3:00pm ADJOURN

Opinions expressed are those of each speaker and may not reflect those of the organizers or the sponsors

Name: _____
(One registration per sheet)

Affiliation (optional): _____

Address: _____

City, State, Zip: _____

E-mail: _____
(Please Print CLEARLY)

Phone: _____ - _____ - _____

REGISTRATION OPTIONS:

Online: <http://wcvwildlife.org/EventRegistration/>

OR

Mail Form and Payment to:
Washington County Extension Office
C/O Lone Star Water Forum
1305 East Blue Bell Road, Ste. 104
Brenham, Texas 77833



Central Texas
Beekeepers Association

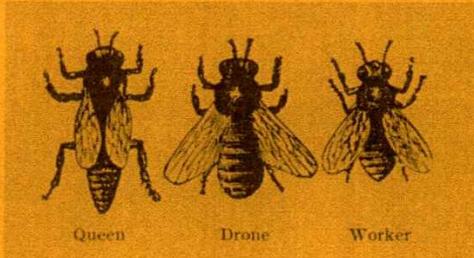
11th Annual Beekeeping School

Saturday, March 23, 2019

Brenham High School

525 A. H. Ehrig Drive, Brenham, Texas

*****New Location*****



Whether you are a complete beginner or an experienced beekeeper, there will be something of interest to you!

A preliminary course schedule is given on the back of this flier.

Cost, including Lunch and Snacks:

Individual	\$65
Additional Adult	\$60
Student (Including College)	\$25
Children Under 12	\$10

Register at: www.tinyurl.com/2019BeeSchool

Please visit us at www.centraltexasbeekeepers.org
email centraltexasbeekeepers@gmail.com or call 979-277-0411
for more information or to be added to our mailing list.

Visit us on Facebook at [CentralTexasBeekeepersAssociationandFriends](https://www.facebook.com/CentralTexasBeekeepersAssociationandFriends)

Ag Symposium

April 16, 2019

Program Registration begins at 7:30 am

**Program begins at 8 am
concludes by 12:15 pm**

Location:

Waller County Extension
Office
846 6th St.
Hempstead, TX

2 CEU's
(1 IPM & 1 Gen)
w/ optional
2 L&R

RSVP by: April 12th

\$15/person, after RSVP \$25
Optional Training-\$10 extra
Check Payable to EPC

**For More Information
& to RSVP**

Please Contact:
Waller County Extension
Office
979.826.7651

Topics:

Baitfish in Demand
Hemp
Feral Hogs
Bermudagrass Stem maggot
Pasture and Weed Management
Herbicide Brush Control
Drought Insurance
Parasites in Livestock



TEXAS A&M
AGRILIFE
 EXTENSION

2019 Agriculture Symposium Webinar



Date: April 16, 2019

Time: 7:30am–12:15pm

* Registration begins at 7:30am *

8:00: Baitfish in Demand

Dr. Andrew Ropicki, Marine Economics Specialist

8:30: Hemp

Dr. Josh McGinty, Extension Agronomist

9:00: Feral Pigs

Dr. Mareen Frank, Extension Wildlife Specialist

9:30: The Bermudagrass Stem maggot

Luke Pruter, Grad Student at TAMU

10:00-10:15 – COFFEE BREAK

10:15: Pasture Weed Management

Dr. Josh McGinty, Extension Agronomist

10:45: Herbicide Brush Control

Dr. Megan Clayton, Extension Range Specialist

11:15: Drought Insurance

Mac Young, Risk Management Specialist

11:45: External Parasites in Livestock

Dr. Joe Paschal, Extension Livestock Specialist

12:15:– Remaining questions/ADJOURN

**1:00-3:00: Optional Auxin Applicator Training
 (extra 2 L&R CEU)**

**Waller County Extension
 Office**

846 6th St

Hempstead, Texas 77445

Whole seminar is webinar based

Registration is \$15 per person.
 \$10 extra for the optional Auxin
 Training

**RSVP'S MUST BE RECEIVED BY
 APRIL 12 BY 5 PM**

**REGISTRATION MADE AFTER
 APRIL 12 IS \$25 PER PERSON**

2 CEU's

*TDA-1 IPM, 1 General
 Optional 2 Laws & Regs- Auxin*

Please Register at:
 Waller County Extension Office
 846 6th Street, Hempstead, Texas
 77445; 979-826-7651

**Please mail checks or bring money
 by before the event. Checks payable:
 ECP**

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. Individuals with disabilities who require auxiliary aide service or accommodation in order to participate in the event are encouraged to contact our office within 5 working days prior to the program.

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TEXAS A&M
AGRILIFE
EXTENSION



PRAIRIE VIEW
A&M UNIVERSITY
COLLEGE OF AGRICULTURE
AND HUMAN SCIENCES

Cooperative Extension Program



WE NEED YOUR HELP!
APRIL 16TH

**ASSIST THE LOCAL TEXAS A&M AGRILIFE EXTENSION
AND PRAIRIE VIEW A&M COOPERATIVE EXTENSION
AGENTS IDENTIFY CRITICAL ISSUES IN WALLER COUNTY**

**Waller County Community Center
21274 FM 1098
Prairie View, TX 77446**

**From 6 pm to 8 pm
Light Refreshments and
snacks will be provided**

**This meeting is open to
the general public**

**Please RSVP by
April 12th**

For more information and to RSVP please call the Waller County Extension office at 979-826-7651

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69th Annual Waller County 4-H BBQ



Royalty Coronation & Auction

SERVING TIMES:
10 AM - 1:00 PM
LIVE AUCTION:
12:30 PM



ROYALTY CORONATION:
FOLLOWING
LIVE AUCTION
RAFFLE DRAWING:
FOLLOWING ROYAL
CORONATION

Ce'Lauren Dean (Fieldstore Community), Cassidy Lewis (Waller County 4-H Horse Club), Averi Burt (Town & Country 4-H), Rebecca Bradley (Rock Island 4-H), Kaleigh LeBlanc (Boys & Girls Country), Molly Paliwoda (Waller County 4-H Sharp Shooters), & Julie Franz (Kountry Kids Project Club)

BBQ & Raffle Tickets \$1, Dinner Tickets \$12* or
(\$13 @ the Door)

Whole Brisket \$55*, Rack of Pork Ribs \$35*

PRESALE ONLY

Saturday May 18th

For More Info Please Call the Waller County
AgriLife Extension Office at

(979) 826-7651

Live Auction by Charlie Tiner TDLR17472



Training-\$10

Books - \$40
(2 manuals)

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

**Please mail
checks or bring
money by before
the Training.**

**Checks payable:
Extension
Program Council**
Nonrefundable

Texas A&M AgriLife Extension
Service

Waller County Office &
Cooperative Extension Program

846 6th Street
Hempstead, TX 77445

Phone: 979-826-7651
Fax: 979-826-7654

<http://waller.agrilife.org>

TEXAS A&M
AGRILIFE
EXTENSION

Private Applicators Licenses Training

When: Thursday, February 7, 2019

Thursday, May 9, 2019

Thursday, August 8, 2019

Thursday, November 7, 2019

Trainings are from 1pm to 5pm

Check in/Registration starts 30 mins before

Dates & Times are subject to change

Where: Waller County Extension Office,

846 6th Street, Hempstead, TX 77445

The purpose of this training is to obtain a Private Applicator License from Texas Department of Agriculture. 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, please contact the Waller County office at (979) 826-7651 to RSVP and to purchase the manuals.

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**Texas A&M AgriLife Extension
Service
Waller County Office &
Cooperative Extension Program**

846 6th Street
Hempstead, TX 77445

Phone: 979-826-7651
Fax: 979-826-7654

**Like us on Facebook
Waller County
Extension Office**

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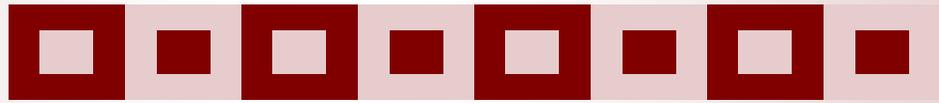
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Office Manager
dgtiner@ag.tamu.edu

Cindy McCorkle
Assistant Office Manager
Cindy.mccorkle@ag.tamu.edu

**We're on the web
<http://waller.agrilife.org/>**



We have a Soil & Forage Probe that can be rented out to take samples. \$50 Deposit which is returned when the probe is brought back and not damaged. For more information or to check out one of these items please call the office.



Help stray livestock get home safely

**\$12
each**

OWNER/AGENT: _____
**Waller County
Sheriff's Office 979-826-8282 #XXXX**

**Property
Gate
Signs**

Signs are available for Waller County residents signs are about 5"x20" in size.

Attaches to gates or fences where they are visible from the road.

Individualized for each producer with an assessing number and a place for a phone number, Ranch name, or Owners Name.

**TEXAS A&M
AGRI LIFE
EXTENSION**

Sponsored by the Waller County Beef & Forage Committee
Signs are available at Waller County Texas A&M AgriLife Extension Office
846 6th St., Hempstead, TX 77445; 979-826-7651