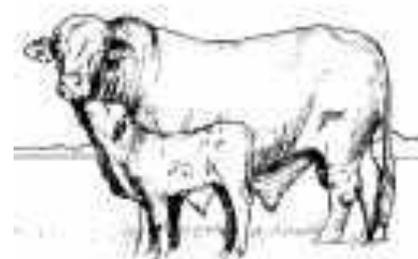


TEXAS A&M AGRI LIFE EXTENSION

AgriLife Extension
411 N. Wells
Edna, TX 77957
361-782-3312
jackson@ag.tamu.edu



Volume XV, Issue I

Jackson County Agri-News

January 2020

Important Dates

- Jan. 14—Grain Handlers Conference—El Campo Civ. Ctr.
- Jan. 15—Western Rice Belt Conference—El Campo Civ. Ctr.
- Jan. 17—Gulf Coast Reg. Cattle-men's Wkshp.-Bay City Civ. Ctr.
- Jan. 23—Feed Grain & Cotton Conf.—Wharton Cty. Fairgrounds.
- Jan. 23—JCCRA Banquet—JCSB Auditorium.
- Jan. 28—Auxin Training—JCSB Auditorium
- Feb. 6—Private App. Lic. Training—JCSB Kitchen
- Mar. 21—Master Gardener Spring Plant Sale—JCSB Auditorium

Auxin Training—January 28

The Jackson County AgriLife Extension Office has set January 28th for the one hour Auxin training. It will be held in the Jackson County Services Building Auditorium starting at 9:00 am. Please RSVP to the Jackson County AgriLife Extension Office at 361-782-3312.

One hour CEU in Laws & Regulations credit will be given to all who attend. The revised dicamba labels (Engenia, Fexapan, Tavium, and Xtendimax) state that only certified applicators may apply these herbicides. These dicamba products are Restricted Use Pesticides (RUP) in addition to being State Limited Use (SLU) and require Auxin Specific Applicator Training annually prior to use. In addition, TDA has added 2,4-D Choline formulations (Enlist Duo® and Enlist One TM) for use on 2,4-D tolerant crops to be included in these mandatory Auxin trainings. These 2,4-D herbicides are SLU pesticides, and they can be sold to and used only by certified applicators or those working under the supervision of a certified applicator. Annual training is also required prior to their use.

Jackson County Master Gardeners 2020 Spring Plant Sale

March 21st is the date you need to mark on your calendar. The Jackson County Master Gardeners will be having their Spring Plant Sale March 21st from 8 am till noon in the Jackson County Services Building Auditorium. As in the past, they will be offering many varieties of plants for you to choose from. We will also have kids make & take Fairy Gardens for ages 6-12.

The plant committee will be looking for plants that will complement your garden from nurseries as far away as Houston. We are sure that shoppers will find many new plants that will fit into their landscape at our plant sale.

Proceeds from the plant sale will go to adding more plants at the Texana Educational Garden and maintaining the existing gardens there. Two more new benches have been added for your pleasure to sit and enjoy the scenery. Two more raised beds have been installed for the peach and pear trees. When you are at the plant sale, feel free to stroll through the garden and enjoy the water fountain, the Rose, Ginger, Ornamental Grass, Bulb, Citrus, Shade, Children's and the Vegetable and Fruit Gardens.

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UPPER GULF COAST GRAIN HANDLERS CONFERENCE

JANUARY 14, 2020 - EL CAMPO CIVIC CENTER

Preregister - \$20.⁰⁰

By contacting the Colorado County Extension Office before January 10

At the Door - \$25.⁰⁰

Registration - 7:30 am
Program - 8:30-3:00 pm

5 CEUs

Pending Approval from TDA

NO structural CEUs offered

FOR MORE INFORMATION

Laramie Naumann
Colorado County
(979) 732-2082

Mike Hiller
Jackson County
(361) 782-3312

Aaron Sumrall
Matagorda County
(979) 245-4100

Corrie Bowen
Wharton County
(979) 532-3310

Kate Crumley
Wharton County
(979) 532-3310



Program Topics and Speakers

Pesticide Resistance in Insects and Insect Identification

Kate Crumley - Texas A&M AgriLife Extension IPM Agent

TDA Pesticide Laws and Regulations Update

Dr. Don Renchie—Extension Pesticide Safety Education Program Coordinator

OSHA Update

Marianne McGee - OSHA Compliance Assistance Specialist

How to be Bug Free

Randy Willis - Regional Sales Manager Central Life Sciences

Phosphine Management

Chad Bilger - mPower Electronics
Bill Cohen - Pest Fog Sales

Grain Bin Safety

Corrie Bowen - Texas A&M AgriLife Extension Agent

Pesticide Storage and Disposal

Dr. Mark Matocha - Associate Professor and Extension Specialist

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 Co-operating. 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) 732-2082 prior to the meeting to determine how reasonable accommodations can be made.



WESTERN RICE BELT PRODUCTION CONFERENCE

Texas Rice Council Annual Meeting

JANUARY 15, 2020 • EL CAMPO CIVIC CENTER

3.0 TDA CEUs

CCA Credits Applied For

RICE TRADE SHOW

Including booths from
Conference Sponsors

EXHIBITS INCLUDE

Equipment
Seed Dealers
Chemical Suppliers
Other Rice Industry
Products

CONTACT INFO

Corrie Bowen
County Extension Agent
Ag/Natural Resources
979-532-3310

- 7:30 a.m. REGISTRATION**
- 8:10a.m. Welcome - Mark Longoria—Dep. Dist. Dir., Congressman Cloud, TX 27**
- 8:15 a.m. Auxin Herbicide Application in Rice- Dr. Muthu Bagavathiannan**
- 8:45 a.m. BREAK**
- 9:00 a.m. Timing of Disease Control Applications - Dr. Shane Zhou**
- 9:30 a.m. Insect Management - Dr. Mo Way**
- 10:00 a.m. TDA Pesticide Laws and Regs Update - Melissa Barton**
- 11:00 a.m. 2018 Farm Bill Update - presenter TBA**
- 11:30 a.m. Rice Market Outlook - Thomas Wynn**
- 12:00 p.m. LUNCH**
- Rice Poster Contest Results - Laura Reyna and Lori Schindler**
- 1:00 p.m. Conservation and Working Lands Programs**
- Overview of Programs—Sonny Vela**
- Success Stories—Dennis Neuman & Juan Villarreal**
- Texas Soil and Water Conservation -Brian Koch**
- 2:00 p.m. USDA-NRCS Local Working Group Meeting**

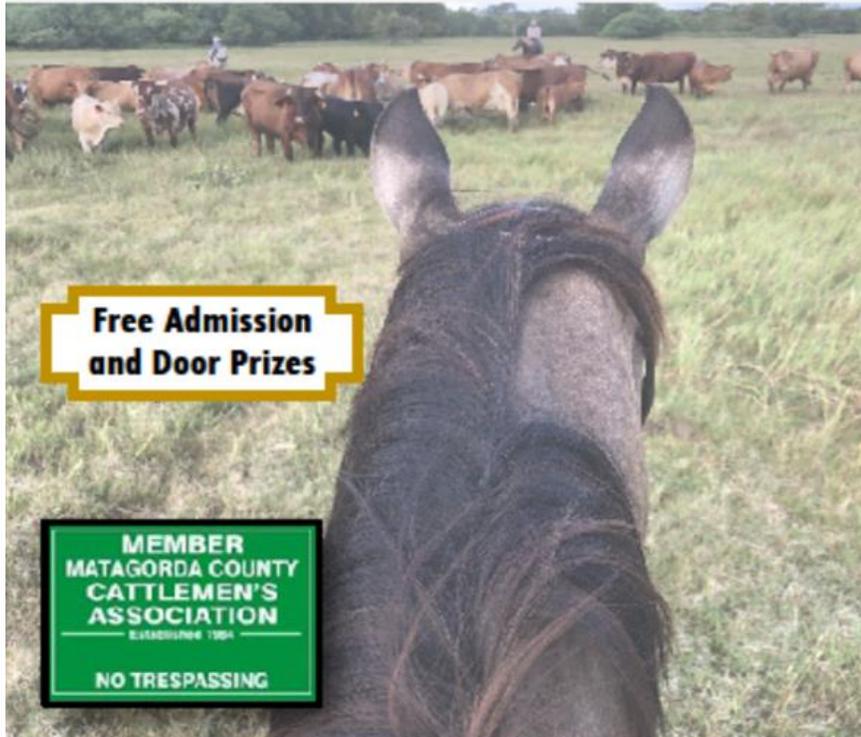


The members of Texas A&M AgriLife will provide equal opportunities in programs and activities, education, and employment to all persons regardless of race, color, sex, religion, national origin, age, disability, genetic information, veteran status, sexual orientation or gender identity and will strive 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 any Extension activity, are encouraged to contact the County Extension Office for assistance 5 days prior to the activity.

Gulf Coast Regional Cattlemen's Workshop & Trade Show

Hosted by: Matagorda County Cattlemen's Association

Sponsored by the Extension Beef Program from Matagorda, Brazoria, Fort Bend, Wharton, Jackson, Victoria and Calhoun Counties



Free Admission and Door Prizes

**MEMBER
MATAGORDA COUNTY
CATTLEMEN'S
ASSOCIATION**
ESTABLISHED 1984
NO TRESPASSING

Event Sponsors
*Capital Farm Credit
Bay City Feed
Shoppa's Farm Supply
First State Bank
Prosperity Bank
Hlavinka Equipment Co.
Columbus Livestock
Texas Farm Bureau
Wharton/Edna Livestock
Auctions*

3CEU hrs. will be at the Livestock and Forage Symposium

Friday, January 17th, 2020

Bay City Civic Center
201 7th St. (Hwy 35 West) - Bay City, Texas

Schedule

- 1:30 – 4:30 PM: Livestock and Forage Symposium
- 4:30– 6:00 PM: Registration & Trade Show
- 6:00– 6:30 PM: Dinner
- 6:30-8:00 PM: Program

Speakers

- Texas State Senator Lois Kollhorst:
District 18
- Trey Scherer: Manager of Collier Farms
- Dave DeLaney: Vice President & General Manager of King Ranch 'Ranching and Wildlife'
- Robert E. McKnight: President of Texas and Southwestern Cattle Raisers Association

RSVP by January 10, 2020 at 979-245-4100



UPPER GULF COAST FEED GRAIN & COTTON CONFERENCE

JANUARY 23, 2020

CRESCENT HALL • WHARTON COUNTY FAIRGROUNDS • WHARTON, TEXAS

PLEASE RSVP BY JAN. 20, 2020 TO STACEY AT 979-532-3310

3 TDA CEUS (1 IPM, 1 L&R, 1 General) • 4.5 CCA Hours Applied for



8:00 a.m. || REGISTRATION

8:30 a.m. || Bollworm and Fleahopper Update - *David Kerns, Texas IPM Coordinator*

9:00 a.m. || Feed Grain Research Update - *Dr. Ron Schnell, Extension Cropping Systems Specialist*

9:30 a.m. || Weed Control in Grain Crops - *Dr. Josh McGinty, Extension Agronomist*

10:00 a.m. || 2020 Texas Auxin Herbicide Training Dicamba and Enlist Technologies
Dr. Scott Nolte, Extension Weed Specialist

11:00 a.m. || Introduction to Gene Drive Technology - *Kate Crumley, County Extension Agent—IPM*

11:30 a.m. || Emerging Cotton Diseases - *Tom Isakeit, Extension Plant Pathologist*

12:00 p.m. || CATERED LUNCH

12:45 p.m. || Cotton Market Update - *John Robinson, Extension Cotton Marketing Specialist*

1:15 p.m. || RACE Trial Update Current Cotton Research - *Dale Mott, Extension Program Specialist*

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



Jackson County Cattle Raisers Association

The Jackson County Cattle Raisers Association will have their annual Membership Banquet on Thursday, Jan. 23, 2020, at the Jackson County Services Building.

Registration will begin at 6:00 pm with a meal at 6:30 and the program at 7:00. Members are reminded that annual dues are to be renewed at the banquet or through the mail. Dues are \$20 per individual or \$35 per couple.

If you are unable to attend the banquet please send you dues along with your mailing address and phone number to join anyway.

Program speaker for the evening will be Mr. Kaleb McLaurin, Executive Director, Government and Public Affairs, Texas & Southwestern Cattle Raisers Association (TSCRA), Austin, TX. Kaleb will speak to us about fence laws, pipelines, eminent domain, shareholder disputes, etc.

An overview of activities of the JCCRA will be presented to show their involvement with beef production and the youth of Jackson County.

Aluminum painted member signs will be available to mount at the entrance of your property to members for \$20.00 each

JCCRA will be having a raffle for two pens of 3 bred heifers. Tickets will be \$100 each. There will only be 250 tickets sold. To purchase a ticket, contact Lynn Utz, any Beef Committee member or Mike Hiller. Need not be present to win. Monies from the raffle will go towards the scholarship program of youth exhibiting beef at the Jackson County Youth Fair.

Door prize drawings will be held at the banquet donated by local merchants and individuals. For more information contact Lynn Utz at 361-935-1914 or Mike Hiller at 361-782-3312. If you are not at the banquet and would like to purchase signs contact, Lynn Utz, or Mike Hiller.



JACKSON COUNTY
CATTLE RAISERS
ASSOCIATION

**MEMBER
JACKSON CO.
CATTLE RAISERS
NO TRESPASSING**

JACKSON COUNTY CATTLE RAISERS ASSOCIATION

Only 250 Tickets Sold!

You do not need to be present to win.

\$100 A Ticket



**Drawing will be held
January 23, 2020**

**during the
JCCRA Membership Banquet.**



For Ticket Sales or additional information contact:

Mike Hiller, CEA-AG/NR • 361-782-3312

Lynn Utz, Jackson Co., Beef Committee Chairman • 361-935-1914

Lindsey Lee, Jackson Co., Beef Committee Treasurer • 361-781-4334

WIN 1 OF 2

**PENS OF 3 BRED
BRANGUS HEIFERS**



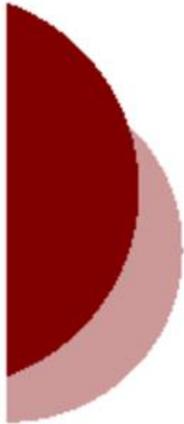
**KEEP THE HEIFERS OR
WE WILL BUY THEM BACK FOR**

\$6 GRAND/PEN



COMMERCIAL

HEIFER RAFFLE



TEXAS A&M
AGRILIFE
EXTENSION

Victoria County CEU Day

**Thursday, January 30, 2020
Victoria Educational Gardens Pavilion**

**5 CEU's (1-Integrated Pest Management, 1-Laws & Regs, 3
General)**

For Texas Department of Agriculture Private, Commercial,
and Non- Commercial Licensed Pesticide Applicators

Registration—7AM

Program begins at—7:30AM

\$40 Registration Fee (includes lunch & training)—Paid at the Door

*** RSVP by January 27 REQUIRED**

**POSSIBLE MANDATORY AUXIN TRAINING AFTERWARD IF
NEW REQUIREMENTS ARE RELEASED**

528 Waco Circle
Victoria , TX 77904
Phone: 361-575-4581
Email: mtbochat@ag.tamu.edu
Web: <http://victoria.agrilife.org>

Table 16. Jackson County RACE Trial, 2019

Cooperator: Chris Hajovsky

Michael Hiller - Jackson County Extension Agent, Agriculture and Natural Resources
Dale A. Mott - Texas A&M AgriLife Extension, College Station

Variety	Yield (lbs/acre)	Turnout %	Micronaire	Length (inches)	Strength (g/tex)	Uniformity	Loan Value (¢/lbs)	Lint Value (\$/Ac) ¹
DP 1646 B2XF	856	42.1	4.15	1.19	30.9	83.2	54.18	464
NG 4936 B3XF	840	40.3	3.90	1.18	30.9	83.4	54.18	455
DG 3421 B3XF	803	40.7	3.75	1.13	30.5	82.3	53.75	431
PHY 400 W3FE	793	43.2	4.05	1.14	32.0	83.5	53.95	428
FM 2398 GLTP	781	41.8	4.25	1.11	30.7	82.2	53.38	417
NG 5711 B3XF	686	38.4	3.90	1.17	32.7	81.7	54.23	372
ST 5471 GLTP	690	40.0	4.15	1.10	31.7	83.2	53.40	369
ST 4848 GLT	678	42.4	3.90	1.12	31.9	82.2	53.50	363
PHY 480 W3FE	686	42.7	3.70	1.09	31.1	83.1	52.73	362
DP 1948 B3XF	684	40.7	3.55	1.19	34.1	82.8	52.53	360
Mean	749	41.2	3.93	1.14	31.6	82.7	53.58	402
P>F	0.0054	0.0199	0.1598	0.0096	0.8346	0.6937	0.6476	0.0099
LSD (P=.10)	73.44	1.839	0.409	0.0436	4.023	1.906	1.7646	45.96
STD DEV	40.06	1.00	0.22	0.02	2.20	1.04	0.96	25.07
CV%	5.35	2.43	5.68	2.08	6.94	1.26	1.80	6.24

¹ Lint values were calculated using the 2019 Upland Cotton Loan Valuation Model from Cotton Incorporated.

DG= Dyna-Gro, DP=DeltaPine, FM=FiberMax, NG=NexGen, PHY=Phytogen, ST= Stoneville.

Livestock Antibiotics to Require a Vet's Prescription

Cattle, and all other livestock, will soon require a vet's prescription for injectable antibiotics. New guidelines further extend the need for veterinarian oversight by including the remaining injectable antibiotics.

No longer will producers who need injectable antibiotics for their cattle be able to just grab them at their local feed store or order them online. The Texas A&M AgriLife Extension Service wants producers to be aware that the U.S. Food and Drug Administration is continuing the phasing in of a law that requires a prescription for any antibiotic use in animals raised for human consumption, as well as for all companion animals.

Prescriptions, livestock and your vet

A prescription is already required for most antibiotics delivered to livestock, and the remaining three categories of injectable antibiotics available over-the-counter will soon be joining the list of medically important antimicrobials that require a veterinarian's prescription.

"It will cause a little bit of difficulty because producers who want and need to use antibiotics are going to have to work with their beef cattle or livestock veterinarians and develop a veterinary client-patient relationship in advance of any disease issues," said Joe Paschal, AgriLife Extension livestock specialist, Corpus Christi. Paschal recommends producers should, if they haven't already, develop a relationship with a local veterinarian to be prepared for these changes. People should also be aware that these laws apply to companion animals like horses.

"This means that your veterinarian knows who you are, knows the kind of livestock you are raising and what you are doing with them, understands your management, and that you agree if they come out to diagnose an illness and use an antimicrobial to treat a disease or illness, you will follow their directions including dosage, duration and withdrawal," he said.

FDA rules and regulations

The FDA's Center for Veterinary Medicine stated a two-year phase-in period would be allowed once the FDA Government Guidance document is finalized. A draft version is currently available online. The FDA has had a law in place since 2017, which made most antibiotics administered to livestock by prescription only. These new guidelines further extend the need for veterinarian oversight by including the remaining injectable antibiotics.

"The amount of antibiotics used by agriculture has been dropping in recent years," said Thomas Hairgrove, DVM, AgriLife Extension specialist, College Station. "The producers I've spoken with don't seem concerned that these remaining injectables will now require a prescription too." After a peak in 2015, FDA studies show antibiotic use has declined. In 2017 alone, use of medically important antibiotics dropped 33%.

Tylosin, penicillin and tetracyclines are among some of the more popular antibiotics still available over the counter as injectables – for now. In 2018, the FDA published a five-year plan for phasing out all antibiotics without a veterinarian's prescription. The plan should be fully implemented by 2023, although compliance is expected as soon as 2020.

Practicing good biosecurity

"In the long run, practicing good biosecurity, correctly diagnosing illnesses and the proper prescription of the right antibiotic may help shorten the incident of the disease, improve the productivity or return of the health of the animal, and reduce overall antibiotic use in livestock, pets and in humans," said Paschal.

Since some antibiotics are used in both livestock and humans, the FDA's concern is that antibiotic-resistant bacteria could develop more quickly from the widespread use of certain antibiotics that are medically important to humans – negatively affecting both humans and animals.

"Antibiotic resistance is not new, penicillin was discovered in the late 1920s and widely used in humans by the 1940s," said Paschal. "By 1950, the first case of resistance was discovered in humans. This is a step in the right direction to protect these valuable compounds to prevent diseases."

The greater the use of antibiotics, across all species, the greater the number of antibiotic-resistant bacteria or "superbugs" that can develop. "Although the percentage of antibiotics used in agriculture is declining, we want to continue to use them judiciously and intelligently," said Hairgrove. "Data shows ag is responding in a positive way, and I think our industry is doing a heck of a job."

2020 District 11 Texas Crop and Livestock Budgets

Build Your Own Budgets:

[Spreadsheet Budgets*](#) ([Spreadsheet Budget Help Video](#) – best viewed in full screen)

[Using The Spreadsheet Budgets](#) (help file)

[Machinery Cost Estimator](#) (calculate your machinery cost)

*Caution: This file may not open in some browsers. If so, download the file to your computer when given the option by your browser, then open the file in Excel. If you still have trouble with the file try downloading this [zip file](#) and extracting the Excel file from it.

Forage Crops

[Coastal Bermudagrass Hay and Grazing \(3 Cuttings\)](#)

[Coastal Bermudagrass Pasture](#)

[Sorghum Hay \(2 Cuttings\)](#)

Field Crops – Irrigated

[Cotton – Genetically Modified Seed, Conv. Till-24 Row, Irrigated, 1250 lb. Yield Goal](#)

[Sorghum – Conventional Till-24 Row, Irrigated, 100 bu. Yield Goal](#)

[Sesame – Conventional Till-12 Row, Irrigated, 1100 lb. Yield Goal](#)

[Hard Red Spring Wheat, Irrigated, 60 bu. Yield Goal](#)

Field Crops – Lower Coast Dryland

[Canola, Dryland, 1500 lb. Yield Goal](#)

[Cotton – Conventional Seed, Till-24 Row, Dryland, 800 lb. Yield Goal](#)

[Cotton – Genetically Modified Seed, Conv. Till-24 Row, Dryland, 800 lb. Yield Goal – Lower Coast](#)

[Sesame – Conventional Till-12 Row, Dryland, 800 lb. Yield Goal](#)

[Sorghum – Conventional Till-24 Row, Dryland, 72 bu. Yield Goal](#)

[Hard Red Spring Wheat, Dryland, 35 bu. Yield Goal](#)

Field Crops – Upper Coast Dryland

[Corn – GMO Seed, Conventional Till-12 Row, Dryland, 100 bu. Yield Goal](#)

[Cotton – GMO Seed, Conv. Till-12 Row, Dryland, 900 lb. Yield Goal](#)

[Sorghum – Conventional Till-12 Row, Dryland, 90 bu. Yield Goal](#)

[Soybeans – GMO Seed, Conventional Till-12 Row, Dryland, 30 bu. Yield Goal](#)

[Soft Red Winter Wheat, 45 bu. Yield Goal](#)

Rice

[Rice West of Houston, 1st Crop, Surface Water](#)

[Rice West of Houston, 2nd Crop, Surface Water](#)

Livestock

[Cow-Calf Improved Pasture](#)

[Summer Stocker Calf Budget \(160 Days Grazing\)](#)

[Winter Stocker Calf Budget \(110 Says Grazing\)](#)

Agri-News Trivia

Did you know?

- 1 out of 7 workers in Texas are employed in the agriculture industries.
- Women make up 36% of the total number of U.S. farm operators.
- One day's production for a high-producing dairy cow yields 4.8 pounds of butter or 8.7 gallons of ice cream or 10.5 pounds of cheese.

Private Applicators License Training

If you plan on using a state limited use or state restricted use pesticide, such as Grazon P+D, 2 4-D, Weedmaster, etc., and need a license, the Texas A&M AgriLife Extension Service will be sponsoring a **Private Applicator Training at 8:00 AM on Thursday, February 6, 2020** at the Jackson County Extension Office. Books and study materials for the course need to be purchased ahead of time for \$50.00 at the Extension Office. The exam can be taken a location of your choice. If you complete the training portion and score a 70 or above on the examination, you will be eligible to apply for your Private Applicator License, which will allow you to purchase all state limited use and restricted use pesticides used in agriculture.

To reserve your spot at the training, contact the Jackson County Extension Office at (361) 782-3312.



Real Learning for Real Life



Newsletter by E-Mail

Due to increased postage costs, we would like to make future newsletters and announcements available to you electronically. If you would like to receive future information by email send an email to mrhiller@ag.tamu.edu. Benefits of having your newsletter sent through e-mail are: pictures and graphs will be in color, easy to store on your computer, no papers to mess with, click-able links to other internet sites, and sooner access.

Mike Hiller, CEA-Ag/NR

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