

DID YOU KNOW...

.....Fall is the perfect time to perform soil tests on your lawn, garden, pasture or hayfield. It is also a good time to apply limestone to raise pH if needed. Soil test kits are available upon request from the Extension Office at 113 East Fordall Street, Henderson, Texas 75652. Call (903) 657-0376 for more details. Most typical soil tests costs around \$13 and we are available to assist in interpreting the results once you receive them from the laboratory

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11/07/2019 @ 6pm-Expo Center

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Rusk County Ag News & Views

FALL 2019

Cattle Industry Will Feel the Loss of Tyson Plant

The Article, In-Part, States ...

The fire at the Tyson Fresh Meats plant in Holcomb, Kan., will stress an already delicate balance between a relatively stable fed processing capacity and growing fed cattle supply over the last several years. It will likely take months for the plant to become operational once again.

The historical significance of this event has the potential to be remembered like other major challenges endured by the beef industry. The level of price correction that could come in the cattle market may be significant as cattle producers will need to incentivize existing packers increase the utilization of more limited shackle space.

The potential market influence from this packing plant closure cannot be understated today:

- . The cattle feeding segment will lose currentness during the next several months.***
- . All classes of cattle will see more price risk than originally thought as a result of this event.***
- . Cattle feeders will lose market leverage – resulting in lower fed cattle prices and weaker demand for feeder cattle and calves.***
- . Negotiated cash trade will get smaller in the near term as feeders work to ensure access to shackle space to harvest cattle slaughter.***

**You can access the entire article on the [Rusk County AgriLife Extension Ag Facebook Page](#)
Call the Extension Office if you prefer a mailed copy of the Article**



First Day of Fall
September 23



**Rusk County AgriLife
Extension Ag**

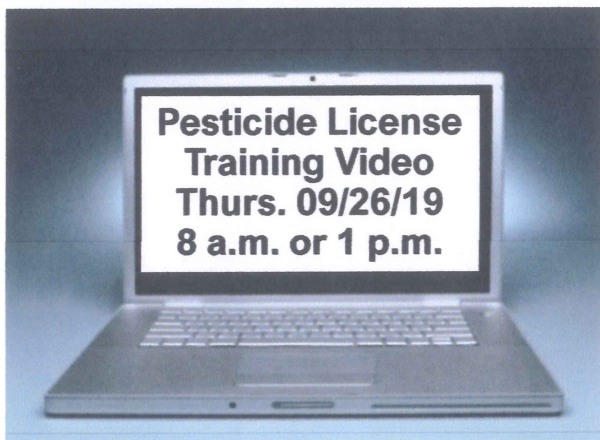
Jamie Sugg

Jamie Sugg
County Extension Agent-
Agriculture



Upcoming training for anyone interested in obtaining their Private Pesticide License:

- * For head-count purposes, please RSVP by September 23, 903-657-0376
- * Arrive at either 8am or 1pm, September 26, at the Rusk County AgriLife Extension Office, 113 East Fordall Street, Henderson, Texas 75652
- * Purchase the training materials. Exact cash or check for \$50
- * View the 3-1/2 hour video



Additional Fees to pay at a later date:

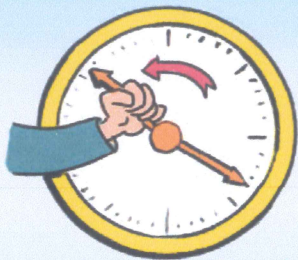
- * License Fee (payable to TDA)
- * Exam Fee (payable to PSI)



LABOR DAY

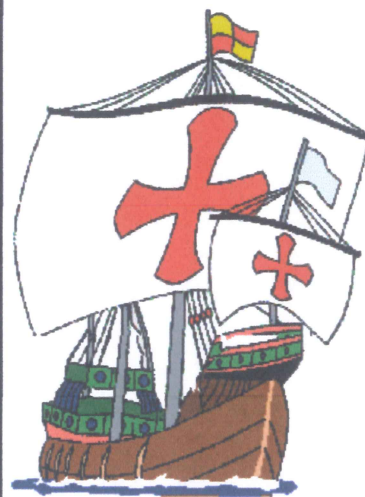
Office
Closed
Monday
September
2

Sunday
November
3



*Daylight Saving
Time Ends*

Columbus Day



Office
Closed
Monday
October
14

RUSK COUNTY HAY SHOW

Thursday, November 7
6:00 p.m.

Rusk County Youth Expo Center
3303 FM 13 West
Henderson, TX 75654

Free Meal

Door Prizes and Awards for winners

All hay samples
due by
October 11th

1 CEU

Enter your hay NOW!

For more information call 903-657-0376

Persons wishing to attend with special needs are asked to call in advance, so that necessary accommodations can be made.

**** Important—use one-gallon clear bags for your hay samples (example: Ziploc baggies)**

Hay Will Not Be Returned To Producer

INFORMATION SHEET

2019 RUSK COUNTY HAY SHOW
Rusk County Youth Expo Center
3303 FM 13 West, Henderson, TX 75654
November 7 @ 6:00 P.M.

____ Entry Number
(OFFICE USE)



NAME: _____
ADDRESS: _____
TELEPHONE: _____

Did you RAISE or PURCHASE this hay? (circle one)
RAISED PURCHASED

CLASS OF HAY ENTERED:

_____ Hybrid Bermuda Grass (Coastal, Jiggs, Tif85, Tif44, Alicia, etc.)
_____ Common Bermuda Grass
_____ Bahia Grass
_____ Mixed (All Others)

CUTTINGS:

_____ 1ST _____ 2ND _____ 3RD _____ Other

If more than one sample of the same grass & same cutting, give additional information below
(for your personal identification).

ENTRIES ARE DUE NO LATER THAN FRIDAY, OCTOBER 11th

TEXAS A&M AGRI LIFE EXTENSION

Annual East Texas Regional Forage Conference **2019**

Conference Sponsors...



ROZELL SPRAYER MANUFACTURING
CUSTOM MADE SPRAYERS • REPAIRS

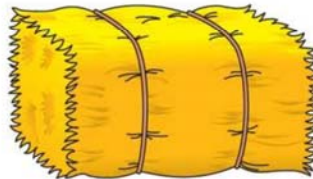
Upshur Rural Electric Coop
(1200 W Tyler St)
Gilmer, Texas 75644
Friday
September 6, 2019
9:00 AM

Conference Topics...

- Sprayer Calibration and Army Worms
 - Pasture Herbicide Updates...
- Winter Forages and Winter Weed Control
 - Feral Hogs
 - Electronic Animal Identification
- Importance of Forage Testing and Supplements

Noon Meal Courtesy of:
Legacy Ag Credit

Registration Fee
\$15.00 per person, due by
August 30th, after this
date, fee goes to \$25.00!!
(See Attached Form)



Two General and One
Laws and Regs TDA
CEU's will be available

FOR MORE INFORMATION, CALL: UPSHUR COUNTY EXTENSION OFFICE
903-843-4019

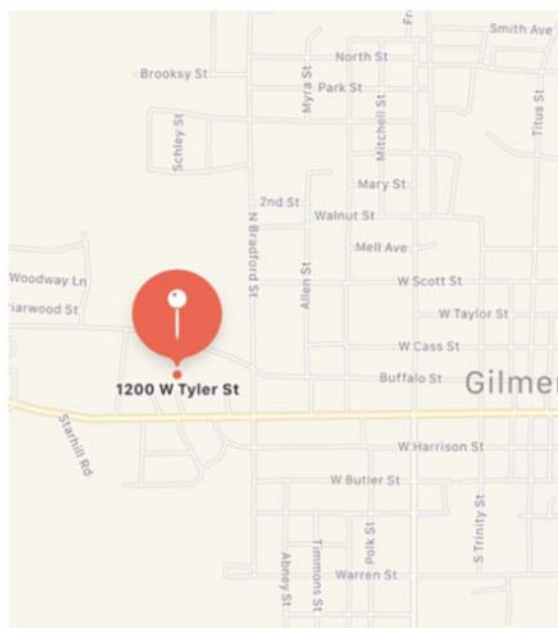
Educational programs of the Texas A&M AgriLife Extension Service are open to all people without regard to race, color, religion, sex, national origin, age, disability, or veteran status. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating, if you need auxiliary services, please call 903-693-0380

TEXAS A&M AGRI LIFE EXTENSION

2019 East Texas Regional Beef & Forage Conference

Registration Information & Conference Location Map

Upshur Rural Electric Coop, 1200 W Tyler St, Gilmer, TX 75644



Name _____

Address _____

City _____ Zip Code _____

Email Address _____

Phone _____

Total Participants for conference _____ x \$15.00 = _____ Total Fee

Deadline to register is
August 30th. After
that the registration
fee goes up to \$25!

Make check payable to: **Gregg, Harrison, Upshur Ag Program Fund**

Please mail registration form and fees to:

East Texas Regional Beef & Forage Conference

405 East Marshall Ave. Suite 101

Longview, TX 75601

For more information, call:

Upshur Co. Extension Office

903-843-4019

TEXAS A&M
AGRI LIFE
EXTENSION

EAST TEXAS BEEF & FORAGE CLINIC

Friday, October 4th

5 TDA CEU Hours

Henderson Civic Center

1500 Lake Forest Parkway Henderson, TX 75652

Registration—8:-8:30 a.m.

Welcome

Jamie Sugg, Rusk County Extension Agent

Grazing Management, A Weed Control Mechanism (1 Gen)

Dr. Monte Rouquette, Texas A&M Regents Fellow & Professor of Forage Physiology

Winterizing Your Sprayer & Preparing for the Upcoming Year (1 Gen)

Darren Rozell, Rozell Sprayer Manufacturing

Managing Soil Fertility for Weed Control (1 Gen)

Dr. Jake Mowrer, Assistant Professor & Extension Specialist,
Dept. of Soil & Crop Sciences, Texas A&M Agriculture & Life Sciences

Lunch—Noon

TDA Record Keeping Requirements (1 L&R)

Dr. Don Renchie, Associate Professor, Extension Program Leader &
Pesticide Safety Education Coordinator

Herbicide Update & Result Demonstration Overview(1 Gen)

Clint Perkins, Smith County Extension Agent

Adjourn—3 p.m.



ROZELL SPRAYER MANUFACTURING CO.
CUSTOM MADE SPRAYERS • REPAIRS

Presented by Cherokee, Smith, Rusk & Panola Counties

Registration \$30 payable at the door

RSVP by Monday, September 30th to (903) 657-0376

Persons with special needs should call 903-657-0376 to inform us of your special needs. We request notification of three working days prior to the event to enable us to assist you to the best of our ability.

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.



Tyler Rose Garden Center
420 Rose Park Drive,
Tyler, Texas 75702

East Texas Fruit & Vegetable Conference: North

Friday, October 11, 2019

Topics to Include:

- Rules & Regulations Update
- Blueberries
- A Lifetime of Growing Vegetables
- Kiwi Fruit: Opportunity or Headache
- Wine Grapes in East Texas
- Growing Fruit & Nut Trees in East Texas
- Pecan Production
- Composting

Registration @ 8AM | Program @ 8:30AM
\$30 per person payable at the door
Lunch Provided! Vendors on Site!

5 TDA CEU Hours Pending TDA Approval
Please have your pesticide license with you to ensure proper CEU credit.

RSVP to the Smith County
Extension Office at (903) 590-2980



In compliance with ADA requirements, participants with special needs can be reasonably accommodated by contacting the Smith County Extension Office at least ten working days prior to the event.

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.



A fairly new pest in bermudagrass pasture..... (as if Grasshoppers and Fall Armyworms weren't enough)

The **bermudagrass stem maggot** (*Atherigona reversura*), a pest of bermudagrass forage in Texas has been reported annually since 2012. The fly (yellow with black head) lays its eggs within the stem of the bermudagrass plant. Once the egg hatches the larva, or maggot, (white with black head, 1/8" – 3/16" long) moves to the last plant node and consumes the plant material within the stem. This stem damage results in the death of the top two to three leaves while the rest of the plant remains green. This gives a stand of bermudagrass the appearance of frost damage. The amount of damage seems to be dependent on growing conditions as well as the point during regrowth when the flies lay their eggs.

Most producers will typically see the resulting damage before finding the pest. Producers are less likely to see damage in a grazing pasture since livestock will keep forage grazed down.

Management recommendations for hay meadow damage are to harvest hay as soon as possible to reduce the yield impact. If damage is found within 1 week of the normal harvest stage, proceed to harvest the crop as soon as weather conditions allow. Once the damage becomes apparent, the crop is unlikely to add a significant amount of yield. If damage is observed within 1 to 3 weeks after a harvest, it is also likely that the crop will not add a significant amount of yield. The damaged crop should be cut and baled and removed from the field as soon as weather conditions allow. Leaving the damaged crop in the field will only compete with any attempts by the plant to regrow and decrease the opportunity that the next cutting will have to accumulate dry matter.

A foliar application of any pyrethroid (beta-cyfluthrin, cyfluthrin, lambda-cyhalothrin and zeta cypermethrin) insecticide labeled for bermudagrass can control the bermudagrass stem maggot.



Grasshopper & Fall Armyworm Insecticide Pricing-2019

Jamie Sugg
County Extension Agent – Ag/NR
Rusk County
903-657-0376



Active Ingredient Sample Trade Name	Price as of July 2019	Grasshopper Control	Armyworm Control	Grazing/Haying Restrictions
S-Cyano <i>Mustang Maxx*</i>	\$99.45/gallon	2.8-4.0 oz/ac \$2.18-\$3.11/ac	2.8-4.0 oz/ac \$2.18-\$3.11/ac	No restrictions
Lambda-cyhalothrin <i>Karate Z*</i>	\$55/gallon	2.56-3.84 oz/ac \$1.10-\$1.65/ac	2.56-3.84 oz/ac \$1.10-\$1.65/ac	Do not apply within 5 days of harvest.
Diiflubenzuron <i>Dimilin 2L*</i>	\$160/gallon	1-2 oz/ac \$1.25-\$2.50/ac	2 oz/ac \$2.50/ac	1 day
Carbaryl <i>Sevin XLR</i>	\$115 per 2.5gal	1-1 ½ quart/ac \$11.50-17.50/ac	1-1 ½ quarts/ac \$11.50-17.50/ac	Do not apply within 14 days of harvest or grazing.
Cyfluthrin <i>Tombstone*</i>	\$258.75/gallon	2.6-2.8 oz/ac \$5.25-\$5.66/ac	1.6-1.9 oz/ac** \$3.23-3.84/ac	No restrictions
Chlorantraniliprole <i>Prevathon</i>	\$413.85 per 2.5gal	8.0-16 oz/ac*** \$10.35-20.69/ac	10-13 oz/ac \$12.93-\$16.81/ac	No restrictions
Chlorantraniliprole+ Lambda-cyhalothrin <i>Besiege*</i>	\$575 per 2.5gal	6.0-10 oz/ac \$10.80-18.00/ac	6.0-10.0 oz/ac \$10.80-18.00/ac	No restrictions
Malathion <i>Malathion 57EC</i>	\$86.75 per 2.5gal	1.5-2 pints/ac \$6.51-\$8.68/ac	2 pints/ac \$8.68/ac	No restrictions

For reference ONLY. Prices listed are “ballpark” retail prices. Read label for complete information.

*= Restricted Use Pesticide (requires Texas Pesticide License to purchase)

**= 1st & 2nd instar (first two stages of the caterpillar’s life cycle, usually 2-6 millimeters long)

***= 2(ee) recommendation (This recommendation is made as permitted under FIFRA Section 2(ee) and has not been submitted to or approved by the EPA)

BQA TIP-OF-THE-MONTH – HAY TESTING

Hay testing is important to determine what if any supplementation is needed. Hay quality can vary tremendously so each load or cutting should be tested. Use a hay probe to collect samples from approximately 10% of the bales from each cutting. At minimum, hay should be tested for content of TDN (total digestible nutrients) and CP (crude protein). The appropriate tests can change depending on hay species, nitrate concerns, or if the hay was baled too wet. So, before sending samples to the lab, visit with a nutritionist for lab recommendations and the appropriate tests for your hay sample.

(From Jason Banta, Ph. D., jpbanta@ag.tamu.edu, Texas A&M AgriLife Extension Beef Quality Assurance Coordinator)

PUBLIC ATTITUDES ON GENETIC ENGINEERING OF ANIMALS

The non-profit, non-partisan, Pew Research Center surveyed attitudes on genetic engineering. Those polled were asked to express either “taking technology too far” or “appropriate use of technology” for use in five areas as stated below, with percentages of responses in parentheses:

- In mosquitoes to prevent spread of disease by limiting their reproduction (70% appropriate use, 29% too far);
- In animals to grow organs/tissues for humans needing a transplant (57% appropriate use, 41% too far);
- In animals to increase protein production leading to more nutritious meat (43% appropriate use, 55% too far);
- In a closely related species to bring back an extinct animal (32 % appropriate use, 67% too far);
- In aquarium fish to cause them to glow (21% appropriate use, 77% too far).

For all five areas:

- a higher percentage of men than women said a use is appropriate;
- as level of scientific knowledge increased more responded a use is appropriate;
- as level of religiosity increased more responded a use is too far.

As might be expected, those opposed to use of animals for research were more likely to indicate a particular use for genetic engineering is taking technology too far. Of those indicating a use is too far, the most frequent reasons were, “Messing with nature and the natural balance of things” or “Messing with God’s plan”. For the one question directly affecting meat animal production the responses were close to being evenly divided.

(Pew Research Center, Aug. 2018. “Most Americans Accept Genetic Engineering of Animals That Benefits Human Health, but Many Oppose Other Uses”.)

TARIFFS ON U.S. BEEF

How widespread are tariffs on U. S. beef? The U. S. Meat Export Federation lists tariffs imposed on U. S. beef by 53 countries. (The European Union, with 28 members, is considered as one country in the USMEF report.) Of those 53 countries, 17 do not impose tariffs on U. S. beef, in some cases due to mutual free trade agreements. There are 36 countries that impose tariffs; 6 of those do not exact a tariff on U. S. Choice or Prime grades, largely because the country does not produce much product of that quality so it does not compete with their domestic product. Tariffs range from as low as 2% (Honduras) to 50% (Thailand). However, some countries have triggering quota levels, based on total weight of product imported, above which rates can be considerably higher. Some tariffs have increased in recent months with retaliatory responses to U. S. actions on trade; for instance, on July 6 China increased its tariff from 12% to 37%. Time will tell what if any changes happen on tariffs, and how U. S. producers will be affected.

(www.usmef.org)



Rusk County Farmers' Market

*****CLOSED FOR THE SEASON*****

Location: Henderson Community Center,
Parking Lot at Fair Park
Saturdays

Locally grown vegetables, herbs, fruits, handmade crafts,
jewelry, candles, jellies/jams and brown bag mixes.

PRIVATE PESTICIDE RECERTIFICATION REQUIREMENTS

Licensed private applicators are required to re-certify every five years by obtaining 15 continuing education credits, including two credits in laws and regulations and two credits in integrated pest management (IPM), prior to expiration of the license.

List of herbicides that do not require a Pesticide Applicators License:

Milestone	Cimarron Extra
Chaparral	Remedy Ultra
PastureGuard	Cimarron Plus
Redeem R&P	Reclaim
Spike 20P	VelPar L
Spike 80DF	Amber
Vista XLT	Pastora



Rusk County Extension Agent's Radio Report

Tune in to 98.5 FM & 1470 AM Monday thru Friday at
8:00 AM and 12 PM to hear the Rusk County Extension Agents
Report on KWRD Radio
Henderson, Texas

We will be discussing a wide array of Agricultural, Natural Resource, 4-H, and Family
and Community Health related issues and events

TEXAS A&M
AGRILIFE
EXTENSION

Phone: 903-657-0376
Fax: 903-655-8856
E-mail: jdsugg@ag.tamu.edu

Rusk County
113 East Fordall Street
Henderson, Texas 75652

We are on the web:
rusk.agrilife.org



Want your news before
everyone else??



If you would prefer to receive
the Ag & Natural Resource
Newsletter via e-mail, please
email me at
jdsugg@ag.tamu.edu and I will
add you to a mailing list. The
benefit of being on the e-mail
list (other than saving us money on postage) is
that I will be e-mailing weekly Livestock
Market reports and trends