

Austin County Ag Newsletter

January 2024

Black Oil Sunflower Seed for Bird Feeding

BLACK OIL

Fig. 1. Sunflower seed for bird feeding, a product that emphasizes "black" as suitable for bird feeding. (Calvin Trostle)

TAM-AAMM: Texas A&M—AgriLife Agronomic Monday Memo

Black Oil Sunflower Seed for Bird Feeding

The seeds don't have to be "black" but some consumers assume these are special.

I gifted my in-laws a bird feeder and seed for Christmas. Mom & Dad did a lot of birding when they lived in Michigan then in West Texas. But age and health have ended

I was reminded that those feeding birds place a premium on "black" oilseed sunflower. And marketing takes advantage of that. Among all sunflower seeds these are black oilseed sunflowers. This is akin to "Black" Angus beef that is marketed at the meat counter and in restaurants. (It might even be "certified" Black Angus beef.)

In the commercial sunflower industry sunflower seeds are commonly divided into

'oilseed' and 'confectionary.' Both oilseed and confectionary sunflowers are

used in bird feeding.

Smaller resident songbirds and other birds of beauty usually have the beak necessary—like a cardinal— to crack the sunflower seed and extract the meat inside. The birds spit out the shell. They do not eat it. This is most common for oilseed sunflowers which are smaller in size (Fig. 2A). Larger birds with the proper beak can handle the confectionary sunflower seed, (confectionary) sunflower seed that is suitable for larger birds. Oilseed which most commonly is striped (Fig. 2B).





Figs. 2A&B. Black oilseed sunflower (from above bag) vs. striped sunflower for birds does not have to be 'black' but may be gray. Striped sunflower is not bred for oil content but is still a preferred food source for According to the National Sunflower Association the bird food many larger birds (A, Calvin Trostle; B, Krankate/Getty Images)

industry in the U.S. is more than \$3 billion annually for the seed. Bird feeders and other accessories can approach \$1 billion a year. Contractors for oilseed sunflower for birds have lower specs for seed quality, including seed that may not be fully mature. Regardless, the seed still has >30% oil and likely near 40%. This represents fat and energy that is especially important for overwintering birds. Continued on page 2

Mark Your Calendars for Upcoming Events

- January 1st: Austin County Extension Office CLOSED for New Year's Day
- January 10th: Bluebonnet Master Gardener Training Starts Washington County Expo Brenham, 9:00a.m.
- January 15th: Austin County Extension Office CLOSED for Martin Luther King Jr. Day
- January 16th: Lunch n Learn Series FireWise Austin County Courthouse, Bellville, 11:50a.m.
- January 26th: Private Applicator Training Austin County Extension Office, Bellville, 1:00p.m.
- February 2nd: Gulf Coast Grape Growers Field Day Cat Spring Ag Hall, Cat Spring, 8:00a.m.
- February 5th: Water Sample drop off Austin County Extension Office, Bellville, 8:30a.m. to 10:00a.m.
- February 7th: Water Well Owners Educational Event Kenney Ag Hall, Kenney 8:30a.m.
- February 8th: 38th Annual Ft. Bend Vegetable Conference Ft. Bend Fairgrounds, Rosenberg, 8a.m. (5 CEUs)
- February 19th: Austin County Extension Office CLOSED for Presidents' Day
- February 20th: Lunch n Learn Series Herbs Austin County Courthouse, Bellville, 11:50a.m.
- February 23rd: Small Farms & Vegetable Conf. American Legion, Sealy, 8:30a.m. (5 CEUs)
- March 19th: Lunch n Learn Series Mason Bees Austin County Courthouse, Bellville, 11:50a.m.
- April 16th: Lunch n Learn Series Hugelkultur (Composting) Austin County Courthouse, Bellville, 11:50a.m.
- May 10th: Private Applicator Training Austin County Extension Office, Bellville, 1:00p.m.
- May 21st: Lunch n Learn Series Snakes in the Garden Austin County Courthouse, Bellville, 11:50a.m.

Black Oil Sunflower Seed for Bird Feeding, Continued

Do oilseed sunflowers for bird feeding have to be black?

No. As noted above the 'black' of oilseed bird feeding is likely a product of marketing. Many oilseed sunflowers are light to dark gray. It does not matter to the birds! I had a caller one time who was adamant that oil seed sunflower for birds had to be black, not gray. That was the concept she had been sold.

Can I avoid the mess of sunflower hulls on my balcony?

Some avid birders would love to have a birdfeeder, but they live in an apartment or other limited location where the mess of sunflower hulls on the ground, their balcony, or their neighbor below, is not acceptable. Sunflower hearts and chips are sold for this purpose. These are the meats from inside the shell. Birds do not have to crack the shell only to spit it out. The price may be double.

Can you grow your own sunflower for bird feeding?

This is possible. Many gardeners will save their sunflower heads with seed and put them out later for bird feeding. It takes more effort to shell off the seed to place in a birdfeeder. The seed you purchase at a garden store is very expensive if you wish to plant sunflowers to collect the seed. Some online seed catalogs like Johnny's Seeds do sell sunflower seed (oilseed or striped) you can grow for bird food. This is much better than using the small packets that have 50-100 seeds for which you pay \$2-3/packet. Commercial companies like Croplan, Nuseed, and Pioneer do not sell sunflower seed in bags less than about 40 lbs. for bird food growers. Do not feed commercial planting seed to birds. It is treated with fungicides and other chemicals to protect seedling growth, and this could sicken birds.

Can I plant bird food sunflower seed for harvesting for bird feeding?

You can, but there is no assurance you would get a good growing sunflower. All commercial sunflower seed sold for planting in the U.S. are 'hybrids.' The seed you plant is produced from two parents (in contrast to a 'variety'). If you plant some of the sunflower seeds from the bag in Fig. 1, you will still get sunflowers, but they will not be the same. It is hard to predict what you would get. The seed they produce is still suitable for bird food, but it would be of little value in a commercial oilseed market. I will save a sample of that Fig. 1 seed and plant in my commercial trials in 2024 to see what I get.

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

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.

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SMALL FARM & VEGETABLE CONFERENCE

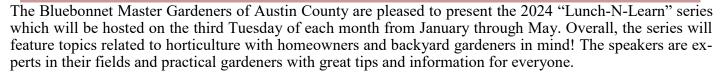


The Horticulture Committee of Austin County, in partnership with the Texas A&M AgriLife Extension Service of Austin County, will be hosting a Small Farms & Vegetable Conference with 5 CEUs on Friday, February 23rd, at the American Legion Post #442 located at 1630 Meyer St, Sealy. Program registration will begin at 8:30a.m. with the first presentation beginning at 9:00a.m.

Information to be covered includes Update on Laws & Regulations by Dr. Don Renchie, Agrilife Extension, Agricultural & Environmental Safety, Learn to Calibrate your Equipment by Dr. Mark Matocha, Agrilife Extension, Agricultural & Environmental Safety, Best Management Strategies in Lawns and Landscapes by Micheal Potter, County Extension Agent for Montgomery County, and Spring Companion Planting to Help with Pest Control by Gerald DuPont and Gopher, Mole and Armadillo Control by B.R. Koehler, both of whom are with the Bluebonnet Master Gardeners and the Austin County Horticulture Committee.

The program will cost \$35.00 per person or \$60.00 per couple and will include breakfast & lunch. Please RSVP to the Austin County Extension office or online at austin.agrilife.org to reserve your seat and ensure resource availability.

2024 LUNCH N LEARNS



Programs will be held at the Austin County Courthouse, in the Basement Meeting Room located at 1 E. Main Street in Bellville. Doors will open with program registration will begin at 11:50a.m. with the program beginning promptly at 12:00p.m. and concluding by 12:55p.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.

Our Series dates and topics will be as follows:

- Tuesday, January 16th: Firewise Landscaping by one of our own Bluebonnet Master Gardeners, Carol Daniels
- Tuesday, February 20th: Learn More About Herbs by one of our own Bluebonnet Master Gardeners, Bob Haeuser
- Tuesday, March 19th: Mason Bees by a local beekeeper, Tom Shaughnessy
- Tuesday, April 16th: Learn About Hugelkultur "Hill Culture" Composting by Mary Karish, Waller County Master Gardener
- Tuesday, May 21st: Snakes in the Garden: Good vs Bad by Jon McLeod, Wildlife Biologist for Austin & Fort Bend Counties Texas Parks and Wildlife Department

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

See Flier on page 5

39th Annual Fort Bend Regional Vegetable Conference

Join us at the 39th Annual Fort Bend Regional Vegetable Conference! Register by January 26th for a discounted rate of \$30.00! (After January 26th, the rate will be \$40.00.) Costs cover attendance to all sessions, refreshments, a BBQ lunch and time with new and various exhibitors. Five CEUs will also be offered for TDA license holders. The conference will be held Thursday, February 8, 2024 at the Fort Bend County Fairgrounds (Buildings C & D) in Rosenberg, Texas.

To register and pay online visit: https://39thAnnualVegConf.eventbrite.com To register and pay in person by check or cash, visit Texas A&M AgriLife Extension, 1402 Band Road (Annex Building), Rosenberg, Texas 77471. Due to preparations, registration at the door will be limited. On the day of the event, check-in will be held from 7:30a.m. to 8:15a.m. with the conference beginning at 8:15a.m. and ending at 3:30p.m.

Topics at this year's conference are: Bees & Honey Production, Marketing Produce, Climate/Drought & Irrigation; Breakout sessions for: Backyard Gardening & Alternative Techniques with Intro to Permaculture Design, Mushroom Gardening, Laws & Regulations, Integrated Pest Management.

For more information, go to https://fortbend.agrilife.org/event/39th-annual-fort-bend-regional-vegetable-conference/ and for general questions, please contact Lorraine Niemeyer at 281-633-7033.

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Bluebonnet Master Gardener Association 2024 Training Class

Course Outline

- Welcome, Interns
- Earth-Kind
- Landscaping
- Plant
- Development
- Plant Propagation
- Soil Characteristics
- Soil Improvements
- Water
- Ornamental Plants
- Lawn Care
- Vegetables and Herbs
- Fruit Trees, Berries & Pecans
- Landscape Design
- Integrated Pest
- Management
- Diseases
- Insects
- Weeds

Training Classes each Wednesday January 10th - April 24th

Final Evaluation Tuesday April 23rd

8:30 AM -12:30 PM Field Trip classes are 8:30 to 3:00 PM

Washington County Expo Event Center 1305 East Blue Bell Road

1305 East Blue Bell Road Brenham, Texas 77833

\$200/Person includes 50+ hours of gardening education!

The Master Gardener program is a unique opportunity for individuals interested in horticulture and in serving their community. Upon completion of 50 hours of class time, trainees must complete 50 hours of volunteer service in their local community to receive the title of "Master Gardener"

For more information on the Master Gardener program, contact the Extension office at (979) 277-6212 or visit the Bluebonnet Master Gardener Website at: https://txmg.org/bluebonnet

Washington County Open House - Expo Event Center Wednesday, January 3, 2024 10:00 AM - 11:30 PM

Followed by: Lunch N Learn Program at 12:00 noon



Scan QR Code







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



2024 AUSTIN COUNTY

LUNCH N LEARN SERIES-SPRING

HOSTED BY: BLUEBONNET MASTER GARDENER ASSOCIATION

AUSTIN COUNTY COURTHOUSE (BASEMENT MEETING ROOM) 1 E MAIN ST. BELLVILLE. TX 77418 FREE/OPEN TO THE PUBLIC

TEXAS A&M

EXTENSION

BRING YOUR OWN LUNCH LIGHT REFRESHMENTS PROVIDED

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



REGISTRATION IS NOT REQUIRED BUT IS ENCOURAGED. TO REGISTER CALL THE OFFICE OR VISIT OUR WEBSITE AT HTTP://ALISTIN.AGDILIFF.OPG



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 OF A CHIEVE TO ACHIEVE FULL AND EQUAL EMPLOYMENT TO A CHIEVE TO ACHIEVE FULL WILL STRIVE TO ACHIEVE TO ACHIEVE TO ACHIEVE FULL WILL STRIVE TO ACHIEVE TO AC

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/eventregistrations/



Friday, January 26th
Friday, May 10th
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.

ATEXAS A&M

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.



Wednesday, January 31, 2024 | 8 AM - Noon

Richard M. Borchard Fairgrounds 1213 Terry Shamsie Blvd Robstown, TX 78380

Unwanted or Surplus Agricultural Pesticides?

Dispose of them Free and Anonymously without leaving your Vehicle!

MATERIALS ACCEPTED

Outdated, Discontinued or Unwanted:

- Pesticides
- Insecticides
- Herbicides
- Fungicides
- Rodenticides
- Nematicides
- Growth Regulators
- Treated Seed

Keep pesticides in original containers. If damaged, place into a larger chemical resistant container.

MATERIALS NOT ACCEPTED

- Dioxins (2,4-5T, Silvex, TCDD, etc.)
- Empty Totes
- Fertilizers
- Fumigant Canisters
- Household Hazardous Wastes (HHW)
- Methyl-Bromide Cylinders
- Motor Oil
- Paint
- Pesticide Rinsate
- Phostoxins
- Propane or Butane Cylinders
- Radioactive Substances
- Tires

For questions or additional information, contact the Texas Department of Agriculture (TDA) at (512) 463-7622, TDA San Juan Regional Office at (956) 787-8866, or the Nueces County AgriLife Extension office at (361) 767-5223



CleanEarth.



Water Well Owners Educational Event



Sample Drop Off Monday, February 5, 2024 8:30-10:00 a.m.

AgriLife Extension Offices for Austin County or Washington County Educational Meeting
Wednesday, February 7, 2024
8:30 a.m.—12:30 p.m.
Kenney Agricultural Society Hall
444 Hall Road, Bellville

TEXAS WELL OWNER NETWORK PROGRAM

The Texas Well Owner Network (TWON) program is a free, educational training for Texas residents who depend on household wells for their water needs. TWON is for private well owners who want to become familiar with groundwater resources, septic system maintenance, well maintenance, water quality and water treatment. Private well owners are independently responsible for monitoring the quality of their wells. Essentially, they are the operators of their own water system and are responsible for ensuring that their water is safe.

BRING YOUR WELL WATER SAMPLES!

Well owners should bring water samples Monday, February 5 to be screened for nitrate-nitrogen, total dissolved solids (TDS) and *E. coli* bacteria. Pick up approved sample containers with instructions at your local County AgriLife Extension office, <u>Austin Extension</u>, 800 East Wendt Street in Bellville, <u>Washington Extension</u>, 1305 E. Blue Bell Road, Suite 104 in Brenham.

Drop samples at the same location where testing materials were picked up.

Samples are due on Monday, February 5 by 10:00 a.m.

There is a \$15 per sample cost for this screening.



Pre-register by contacting Joel Pigg

Phone: 979-321-5946

Email: j-pigg@tamu.edu







Soil & Water



Funding for the Texas Well Owner Network is 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. The project is managed by the Texas Water Resources Institute, part of Texas A&M AgriLife Research, AgriLife Extension and the College of Agriculture and Life Sciences at Texas A&M University.

ATEXAS A&M
GRILIFE
EXTENSION

39th Annual Fort Bend Regional Vegetable Conference

See you there!



Join us on Thursday, February 8, 2024 for the 39th Annual Fort Bend Regional Vegetable Conference!

Location: Fort Bend County Fairgrounds, Buildings C&D

4310 Highway 36 South, Rosenberg, TX 77471 **Time:** 8:00 am - 3:30 pm (Lunch Included)

Check-In: 7:30 - 8:15 am

Early Registration: \$30.00 thru January 26, 2024

Late Registration: \$40.00 Jan. 27, 2024 up to 12 noon Feb. 6, 2024

Register and pay online* at: https://39thAnnualVegConf.eventbrite.com
OR Scan the QR code to the right to be taken to the site
*Note: additional fees will be applied if paying by credit card

To register in person by check or exact cash:

Texas A&M AgriLife Extension-Fort Bend County
1402 Band Road (Annex Bldg), Rosenberg, TX 77471
Mail in check with registration form to address above a

Mail in check with registration form to address above, attn: Lorraine Niemeyer

Register early for discounted pricing! (No refunds for any payment.)

The 39th Annual Fort Bend Regional Vegetable Conference is a celebration of vegetable production along the upper Gulf Coast region. Counties of Waller, Wharton, Harris, Galveston, Brazoria, Colorado, and Austin join with Fort Bend on this event focusing on teaching sustainable practices to help producers maximize efficiencies and profitability.

We have something for every producer, and as always, we will offer 5 continuing education credits for TDA license holders.

Sponsors and exhibitors will be available with valuable information on-site for attendees.

,Earn 5 CEUs

for Licensed Pesticide Applicators!

- · Bees & Honey Production
- Marketing Produce
- · Climate/Drought & Irrigation
- Backyard Gardening & Alternative Techniques and intro to Permaculture Design
- Mushroom Gardening
- Laws & Regulations with Dr. Renchie!
- · Integrated Pest Management

Afternoon break-out sessions ... choose what's right for you!

https://fortbend.agrilife.org/



www.facebook.com/FortBendCountyExtension/

For general questions contact Lorraine Niemeyer at 281-633-7033 or lorraine.niemeyer@ag.tamu.edu

Co-Sponsors -> (Pending additional Sponsors)















NATIONAL CENTER FOR APPROPRIATE TECHNOLOGY

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. Persons with disabilities who plan to attend this meeting and who may need auxiliary aid or services are required to contact Texas A&M AgriLife Extension Service at 281.342.3034 five working days prior to the meeting so appropriate arrangements can be made. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas cooperating.



Small Farms & Vegetable Conference February 23, 2024

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

Registration: 8:30am Program: 9am-3:30pm \$35/person or \$60/couple includes lunch

Topics:

- Learn to Calibrate your Equipment
- Best Management Strategies in Lawns and Landscapes
- Spring Companion Planting to Help with Pest Control
- Gopher, Mole and Armadillo Control
- Laws & Regulations

5 CEU's

1-L&R, 2 GEN, 2 IPM TDA Approved

Speakers:

Dr. Mark Matocha, Dr. Don Renchie, Michael Potter, BR Koehler, and Gerald Dupont

RSVP by: February 20, 2024

Please call Texas A&M AgriLife Extension Service of Austin County 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.



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:

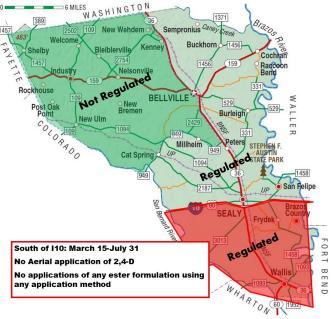
- Steinhauser's (Sealy location ONLY)
- Linseisen's Feed & Supply (Bellville)
- Lindemann Store (Industry)

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.



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

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.