



# San Patricio Agriculture

“Agriculture Affects Everyone”

SPECIAL POINTS OF INTEREST: September, 2016

Volume 5, Issue 5

- \* October 1 - November 18  
Soil Testing Campaign
- \* October 11, 2016  
Plastic Pesticide  
Container Recycling Day
- \* October 13, 2016  
Aquaponics 206
- \* October 20, 2016  
Fall CEU Conference

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&

Facebook Page - San Patricio  
County Family Consumer  
Sciences & Ag/Natural  
Resources



Hello again,

There maybe a few acres of cotton left to be harvested, but for the most part, crop production for the 2016 crop year is finished. It look like yields for grain sorghum, corn and cotton are going to come in above County averages. Cotton quality grades and turnouts have been good thus far, but commodity prices for cotton and grains have remained low and show no real signs of much improvement at the moment, but it is agriculture and changes do happen on a regular basis.

I have included in this newsletter the results of five crop trials that were conducted in San Patricio County this year. These trials are a collaboration of Producers, seed companies and various AgriLife Specialist working together to acquire the data. I want to thank Andy Miller Farms, Allan Hunt Farms and Ring Bros. Farms for their resources and management of the tests, and to Dennis Pietsch, Jonathan Moreno, Dr. Josh McGinty, Dr. Ronnie Schnell, Danny Gonzales and our summer intern Maisie Hunt for their help with data collection. Also, if anyone is interested in other hybrid test conducted across the state they can be found at [varietytesting.tamu.edu](http://varietytesting.tamu.edu), as they become available.

It many seem a little strange that I am including a page that deals with getting started on the social media platform Twitter, but there are some “including me”, that are a little reluctant to jump on board technology without a little bit of guidance. Maisie Hunt, our summer intern has put together some social media instructional information that is available on our county website, [sanpatricio.agrilife.org](http://sanpatricio.agrilife.org), Ag tab, if anyone has a desire to get started with various social media platforms. I personally have found Twitter to be useful in obtaining current news and information, as well as distributing information, however, many already are familiar with Facebook and other platforms and use them in the same way.

Our Coastal Bend Soil Testing Campaign will take place October 1 - November 18th. I have included a sample form that you can copy or you can come by the office and get forms and sample bags. This campaign is for agricultural land and is offered at reduced rate. Please do not bring lawn or garden samples for this campaign, but I will be happy to assist you at anytime with these. There is a separate form for lawn or garden samples.

Finally, I want to call your attention to the Fall CEU Conference that is scheduled for October 20th at the Texas A&M AgriLife Research and Extension Center in Corpus Christi. We are expecting to offer 5 TDA and 5 CCA CEU's. Please see the included agenda.

Until next time,



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

# *Beef Cattle Browsing*

*Dr. Stephen Hammack, Professor & Extension Beef Cattle Specialist Emeritus*

## **WHAT AFFECTS AMERICANS' DECISIONS ON FOOD**

Results of the 11th Annual Food & Healthy Survey have recently been reported. Some of the findings:

- The number one factor affecting food buying is taste, followed by price, healthfulness, convenience, and sustainability;
  - The most important item to consumers on food labels is expiration date (which in some cases is actually sell-by date or best-by date);
  - Women are more likely to rely on what they see or read in choosing food and mothers are more likely to rely on friends or family;
  - The three most trusted sources for accurate information on food are registered dietitians, personal healthcare professionals, and U.S. government agencies;
  - The three least trusted sources are food company or manufacturer, health/food/nutrition bloggers, and tv food experts;
  - Over two-thirds are trying to eat more protein, with the top sources being poultry, eggs, and beans/nuts/seeds;
  - The top three sources of information on protein are scientific studies, media headlines or article, and family or friends.
- (International Food Information Council; [http://www.foodinsight.org/sites/default/files/2016\\_executivesummary\\_final\\_web.pdf](http://www.foodinsight.org/sites/default/files/2016_executivesummary_final_web.pdf))

## **GROWTH IMPLANTS FOR SUCKLING CALVES**

Growth implants have been around for at least 50 years. Even though not widely used, they still represent the highest return over cost of just about any management tool available to cow-calf producers. In 43 field trials conducted in Central Texas in the mid-'70s, average response to one suckling implant was 20 lb. With current calf prices and cost of implants that is a return of \$20-25 per cost of implant. Implants available for suckling calves include:

- Component® E-C, for steers and heifers, implant from 45 days of age up to 400 lb;
- Compudose®, for steers only, implant at castration or later;
- Encore®, for steers only, implant at castration or later;
- Ralgro®, for steers and heifers, replacement heifers should be implanted from 1-7 months of age;
- Synovex-C®, for steers and heifers, implant from 45 days of age up to 400 lb.

The three implants approved for both suckling steers and heifers can be used for potential herd replacements. Implants should not be used in bull calves to be saved for breeding. More information on growth implants can be accessed at <http://animalscience.tamu.edu/wp-content/uploads/sites/14/2012/04/beef-implanting-beef-calves.pdf>

## **BQA TIP OF THE MONTH - ANIMAL HANDLING**

Understanding the flight zone make moving cattle easier. The flight zone is the comfortable distance that livestock maintain between you and them. The flight zone of cattle will vary depending on their disposition. Calm cattle have a very small flight zone while more temperamental cattle have a large flight zone. The flight zone will also increase as cattle become excited or agitated. Cattle should be worked from the edge of the flight zone; this area is commonly referred to as the pressure zone. As you move into the pressure zone cattle will move away from you and as you move out of the pressure zone cattle will generally stop.

# Quick Guide for Twitter

Bobby McCool, San Patricio County Extension Agent



1. The first step is to open a new Internet browser (Firefox, Explorer, Safari, Etc.).
2. Click on the search bar and type [www.twitter.com](http://www.twitter.com), and click go or press enter on your keyboard.
3. Now you have reached the [www.twitter.com](http://www.twitter.com) home page, click in the top right corner, where it says sign up.
4. You will now come to the join Twitter today screen. Enter your full name, email, and create a password that you will have to enter every time you log on. Then click the blue button sign up when finished.
5. The screen gives you the option to enter your cell phone number or not. If you choose to do so it will send you notifications to your phone. I myself would not enter my cell phone number on social media. Once you have chosen to either enter your number or not, click either next or skip to continue.
6. Create a username or nickname that you want your profile to be called or when people tweet you this is the name they will see. Once you have chosen your desired username, click next and continue on to the next screen.
7. The next screen should be, "We are glad you are here" screen! This page means that you have successfully set up your account information! The next step is to create your profile, follow friends, and tweet away!
8. One of the first steps in creating your "profile" is Twitter is going to ask you a couple of questions about your interests. By doing this Twitter will give you options of people you should follow based upon your interest. For example, this would be a good place to search, Agriculture as an interest since it does not give you an option to do so. This is a good place to be very generic, because you can always go back and change it later one.
9. The page then is going to ask you if you want to import contact or addresses from your email or other social media pages. You can either chose to do this now, later, or not even at all!
10. Next add anyone you want to, you can search users and it adds the people automatically that it think you should follow based upon your interests from the previous page. In order to get information from companies, you have to first follow their page. (Follow means to add someone as a friend or like his or her profile).
11. The most important thing when searching for users is to make sure you are following the correct person that you have been searching for. Also, do not forget to follow Bobby McCool for San Patricio County updates in Ag Extension.
12. Once you have added or followed all the people you want for now, hit next and it will say loading your profile. Congratulations you are now all set up officially on twitter!
13. Las but not least this is where you get to design your profile, choose to add a photo or not, and start tweeting away!

**For More Information: please feel free to contact the San Patricio County AgriLife Extension office at (361) 364-6234 or there will be extended PowerPoint's with detailed steps added to the county extension website at [sanpatricio.agrilife.org](http://sanpatricio.agrilife.org)**

## *AgriLife Extension Offers Tips for Avoiding Zika*

Writer: Steve Byrns

Contact: Dr. Sonja Swiger, [slswiger@ag.tamu.edu](mailto:slswiger@ag.tamu.edu); Dr. Mike Merchant, [m-merchant@tamu.edu](mailto:m-merchant@tamu.edu)

STEPHENVILLE - The mosquito - transmitted Zika virus is a potential threat to the health of unborn babies in Texas and other states, and the Texas A&M AgriLife Extension Service has stepped up efforts to educate the public on ways to protect themselves from this new menace said agency entomologists.

"While people enjoy outdoor activities and travel this summer, it's important to remember that our first line of defense against Zika is to avoid being bitten by mosquitoes," said Dr. Sonja Swiger, AgriLife Extension entomologist at Stephenville. "The *Aedes aegypti* and *A. albopictus* mosquitoes that transmit Zika occur commonly in our backyards where their eggs are laid and larvae live in standing water. Like other mosquito species, they are active at sunrise and sunset, but commonly bite throughout the day as well."

Swiger said it's important to remember the "Four Ds" as a first line of defense. They are:

- \* Drain: Empty standing water, thus eliminating mosquito breeding sites.
- \* Dress: Put on long sleeved shirts and pants when going outside
- \* Defend: Apply mosquito repellent when going outside.
- \* Dusk and Dawn: Avoid outdoor activity during these two most mosquito-active periods.

Swiger said simple steps such as repairing screen doors and window are critically important to keeping mosquitoes out. Managing landscape water features is another key area in the fight against the spread of the Zika virus.

"Mosquito dunks, commonly sold in garden centers for mosquito control in home water features, can be used to treat water that cannot be readily drained," she said. "The dunks contain insect growth regulators or mosquito-specific bacteria to effectively control mosquito larvae. Neither approach is harmful to fish or other aquatic organisms."

Dr. Mike Merchant, AgriLife Extension urban entomologist at Dallas, said that fighting Zika will be much different than fighting West Nile virus. *Aedes* mosquitoes infected with Zika are not easily detected, so health officials have to rely on actual human cases to identify hot spots.

"In addition, city and county truck-mounted sprayers are less effective at killing *Aedes* mosquitoes, so stopping these mosquitoes in each backyard is even more important. Everyone will need to pitch in," he said.

"Anything that holds water should be dumped or treated. Breeding areas can include sites as benign as containers under potted plants and bird baths. Other trouble areas are old tires, empty cans and bottles, kiddie pools, buckets, boat tarps and even clogged gutters.

"It doesn't take much water for them to reproduce," he said. "Small containers can hold enough water to breed mosquitoes. *Aedes* mosquitoes don't travel far from their larval habitat, so if you've got them, chances are you unknowingly raised them."

Swiger said there are many mosquito repellents available, but all approved formulations share two commonalities. The U.S. Environmental Protection Agency registration of these repellent products means first, that the active ingredient has been tested and is safe for people to use, and second, that it's effective in repelling mosquitoes when used as directed.

"EPA and the Centers for Disease Control have evaluated scientific reports and conclude mosquito repellents containing DEET, picaridin, oil of lemon eucalyptus called IR3535, as active ingredients provide reasonably long-lasting protection from mosquito bites," Swiger said.

"Users should always read and follow label instructions. Most repellents can be used on children over two months of age, with the exception of those containing oil of lemon eucalyptus, which should not be used on children younger than 3 years old. For babies under two months of age, infant carriers fitted with mosquito netting are recommended. Pregnant and breast-feeding mothers can safely use EPA-approved insect repellents."

Swiger said constant vigilance is the key to slowing Zika and other mosquito-borne diseases such as West Nile virus.

"It's the global world we live in today," she said. "As people travel and return from areas affected by Zika, some will return carrying the virus. When *Aedes* mosquitoes bite infected people, they acquire the virus. The mosquito then transmits it to an uninfected person, passing the virus to them."

Swiger said that as of this writing, there are 46 recorded cases of Zika in Texas, all travel associated, except for one contracted sexually from their partner who traveled. No Texas mosquitoes have been found to be infected.

"Epidemics are expected as infected people arrive and locally acquired infections occur," she said. "As the many media accounts report, women infected by the virus while pregnant are known to have babies with severe neurological defects. Aside from mosquito infections, additional cases may occur from sexual transmission of the disease. So at this point, controlling mosquitoes and protecting yourself from infection are the two key factors in the rigorous defense against this new mosquito-borne virus threat."

For more information, contact Swiger at 254-968-4144 or [slswiger@ag.tamu.edu](mailto:slswiger@ag.tamu.edu) or Merchant at 972-952-9204, [m-merchant@tamu.edu](mailto:m-merchant@tamu.edu). More information is also available at the following websites: [Texasinsects.org](http://Texasinsects.org); [livestockvetento.tamu.edu](http://livestockvetento.tamu.edu); [Preventingzika.org](http://Preventingzika.org).

## 2016 San Patricio County Grain Sorghum Hybrid Test

Cooperator: Andrew Miller Farms

Company	Brand	Hybrid	Yield		Test wt	Moisture
Monsanto	Dekalb	DKS 53-53	5628	a	57.0	14.5
Monsanto	Dekalb	DKS 51-01	5587	a	57.7	14.7
DuPont	Pioneer	83P73	5287	ab	56.3	14.7
Monsanto	Dekalb	DKS 48-07	5152	b	58.0	14.1
Terral Seed	REV	9562	4647	c	58.0	14.5
Advanta Seed	Alta	AG3201	4579	c	56.3	14.3
Dow	Mycogen	1G741	4551	c	57.7	14.4
Golden Acres Genetics		5556	4518	c	57.3	14.6
DuPont	Pioneer	83P56	4427	c	56.7	14.8
B-H Genetics		4100	4325	c	56.7	14.4
Monsanto	Dekalb	DKS 37-07	3845	d	55.3	14.6
CPS	Dyna-Gro	M75GR47	3073	e	55.3	14.3
<b>MEAN</b>			4624		56.9	14.5
<b>STD DEV</b>			723.5		1.5	0.3
<b>PROB&gt;F (0.05)</b>			<0.0001		0.3015	0.1476
<b>LSD (5%)</b>			384.9		N/A	N/A
<b>CV (%)</b>			15.6		2.6	2.1

## San Patricio County Grain Sorghum Hybrid Trial

Allan Hunt Farms

Brand	Hybrid	Days to 50% Flower		Moisture %		Test Weight lb/bu		Yield* lb/A	
Alta Seeds	3201	75	cd	14.7	cd	56.9	a	4563	a
Dekalb	DKS 51-01	77	ab	15.0	bc	57.2	a	4406	ab
Mycogen	741	75	d	14.8	bcd	56.2	a	3956	abc
Pioneer	83P73	77	ab	14.9	bcd	56.7	a	3947	abc
Dekalb	DKS 53-53	78	a	15.1	ab	57.0	a	3684	bcd
Terral	REV 9562	75	cd	14.6	cd	57.3	a	3481	cde
BH Genetics	4100	76	bc	15.0	bc	58.1	a	3224	cde
Pioneer	83P56	77	ab	15.1	ab	57.5	a	3178	cde
DynaGro	M75GR47	75	cd	14.5	d	56.6	a	3068	de
Golden Acres	5556	76	bc	15.5	a	57.1	a	2954	de
Dekalb	DKS 48-07	78	a	15.0	bc	57.3	a	2810	e
<b>MEAN</b>		76		14.9		57.1		3570	
<b>CV (%)</b>		1.9		2.9		1.8		20.6	
<b>P&gt;f</b>		<0.0001		0.0044		0.4554		0.0005	
<b>LSD</b>		1.5		0.4		N/A		787.7	

\*Yields standardized to 14% moisture content

\* Extended wet conditions contributed to reduced yield potential.

**Gregory  
2016 Grain Sorghum  
Performance Trial**

Cooperator: Allan Hunt Farms



Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)
DEKALB	DKS 51-01	78	55	8	0	14.7	57.0	4,364
REV	9924	78	52	8	0	14.6	56.6	4,028
Alta Seeds	AG8201	74	49	8	0	14.9	56.3	4,005
Texas A&M AgriLife Research	ATx378xRTx430	76	55	9	0	14.5	56.8	3,987
DEKALB	DKS 38-16	77	53	8	0	15.4	58.6	3,773
Integra	G3670	74	50	9	0	15.1	57.5	3,771
REV	9782	76	46	7	0	14.6	57.6	3,688
Integra	G3701	77	51	5	0	15.3	57.4	3,514
REV	9562	77	51	8	0	15.2	56.2	3,506
Alta Seeds	AG2103	76	47	9	0	14.7	57.0	3,425
DEKALB	DKS 45-23	78	51	7	0	15.1	57.8	3,405
Texas A&M AgriLife Research	ATx399xRTx430	75	48	8	0	14.7	57.3	3,367
Integra	G3660	76	46	8	0	15.0	57.5	3,318
Sorghum Partners	K73-J6	75	49	9	0	15.1	57.0	3,290
Integra	G3630	76	46	7	0	14.3	57.8	3,228
Texas A&M AgriLife Research	ATx2752xRTx430	76	49	7	0	15.1	56.8	3,136
Alta Seeds	AG1203	76	47	7	0	14.7	57.7	3,034
Alta Seeds	AG2115	75	47	7	0	15.2	56.7	3,016
Sorghum Partners	SP70B17	77	50	7	0	14.9	56.7	2,878
Alta Seeds	AG2105	77	51	10	0	15.1	57.0	2,841
Sorghum Partners	SP68M57	76	47	6	0	15.4	58.0	2,558

\*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

**San Patricio County  
2016 Corn  
Performance Trial**

Cooperator: Ring Bros Farm



Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Mycogen	2C797	SmartStax	70	78	25	23,987	10.0	54.6	153
REV	25BHR26	Optimum Intrasect	70	85	28	21,696	10.8	55.6	146
Golden Acres	G4678DG	Genuity DG VT Double PRO	70	79	26	22,809	9.8	53.1	144
Mycogen	2D848	SmartStax	72	79	30	24,561	11.4	55.4	144
Mycogen	MY13M87	SmartStax	71	76	24	24,635	10.8	55.9	143
REV	22BHR43	Optimum Intrasect	70	85	29	23,867	10.8	55.9	143
REV	28HR20	Herculex 1 (HX1)	72	89	29	24,284	10.7	56.4	142
REV	26BHR50	Optimum Intrasect	72	83	23	24,729	11.5	57.0	140
Golden Acres	G7688	Genuity VT Double PRO	70	76	26	23,872	10.9	56.9	139
REV	23BHR55	Optimum Intrasect	71	85	31	23,660	9.8	54.0	134
Phoenix	6522	Agrisure Viptera 3111	71	82	26	23,874	10.3	54.3	133
Phoenix	6542	Agrisure Viptera 3111	71	79	25	23,455	10.2	53.4	131
Phoenix	8400	Agrisure Viptera 3111	71	85	21	23,707	10.9	55.8	128
Phoenix	6948	Agrisure 3000GT	72	83	30	23,267	10.4	53.6	123
Phoenix	6518	Agrisure GT Artesian	70	79	23	24,021	10.2	54.2	116

\*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

## 2016 San Patricio County Corn

**Cooperator: Ring Bros Farm**

Brand	Hybrid	Days to Silk	Moisture %	Test Weight lb/bu	Yield* bu/A
Golden Acres	G6708	72	10.3	55.0	150
Dekalb	DKC 67-72	69	10.4	53.1	144
Dekalb	DKC 67-14	70	10.8	55.3	143
Mycogen	2C786	72	10.3	53.3	130
Golden Acres	G6611	70	10.1	54.0	127
Dyna-Gro	54VC52	70	11.4	55.8	122
Mycogen	2V777	70	10.1	52.6	122
Pioneer	P1260 YHR	74	11.3	57.0	119
Pioneer	P1311 AM	72	10.3	53.7	118
Dyna-Gro	55VC77	69	11.0	55.9	113
Phoenix	6542	72	10.7	53.1	112
B-H	8475SS	70	10.8	55.3	110
Terral	25BHR26	71	11.2	55.0	108
<b>MEAN</b>		71	10.6	54.5	125
<b>C.V. (%)</b>		2.0	7.2	2.4	14.1
<b>P&gt;f</b>		<0.0001	0.24	<0.0001	0.0005
<b>LSD</b>		1.0	NS	0.6	18.7

\*yields standardized to 15.5% moisture

# Plastic Pesticide Container Recycling Day

**Tuesday, October 11, 2016**

2  
LOCATIONS

**Hartzendorf Gin**  
9858 FM 796, Edroy, TX  
9:00am - 12:00 noon

**Midway Gin**  
5455 CR 3567, Taft, TX  
2:00pm - 4:00pm

1  
DAY

- Free pick up for plastic agricultural containers
- 55 gallons or less
- Clean and free of residue



- Any containers not meeting guidelines will be rejected
- Container labels & lids need to be removed & discarded properly
- Stains are allowed on containers as long as no residue present

For more information,  
call San Patricio County Extension Office  
at (361) 364-6234.

USAg is supported by Ag Container Recycling Council (ACRC).  
ACRC is a non-profit organization that encourages the proper  
management of plastic crop protection product containers.

**TEXAS A&M**  
**AGRI LIFE**  
**EXTENSION**

*Bobby R. McCool*

Bobby R. McCool  
County Extension Agent  
Ag/Natural Resources  
San Patricio County  
219 N. Vineyard  
Sinton, TX 78387

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.

# Soil sample bags and forms are available at the Extension Office, 219 N. Vineyard, Sinton



*Soil, Water and Forage Testing Laboratory  
Department of Soil and Crop Sciences  
Texas AgriLife Extension Service*



## SOIL TESTING CAMPAIGN SAMPLE INFORMATION FORM

Please submit this completed form and payment with samples. Mark each sample bag with your sample identification and ensure that it corresponds with the sample identification written on this form.

**SUBMITTAL AND INVOICE INFORMATION:** This information will be used for all official invoicing and communication.

Name \_\_\_\_\_ County where sampled \_\_\_\_\_  
 Address \_\_\_\_\_ Phone \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

**Please check county office where dropped off:**

_____ Aransas	_____ Live Oak
_____ Bee	_____ Nueces
_____ Jim Wells	_____ Refugio
_____ Kleberg/Kenedy	_____ <b>San Patricio</b>

**Payment required at time of drop off at County Extension Office.**

Check Amount Paid \$ \_\_\_\_\_

Make Checks Payable to:  
 LAB (Aransas County)  
 Bee County Crop Committee  
 Jim Wells Crop Committee  
 Kleberg-Kenedy Program Development  
 Live Oak County Ag Committee  
 Nueces Program Council  
 Refugio County Crops Tour  
**San Patricio Co. Crop Tour Fund**

SAMPLE I.D.	SAMPLE INFORMATION (Required)				(See options list)below	
Laboratory # (For Lab Use)	Your Sample I.D.	Acreage Represented**	Planned Fertilizer for 2017 **	What are you growing? **	Requested analyses	How is forage used?
Example	Front field	20 acres**	400 lbs 15-2-10**	3 hay cuttings of coastal**	<input type="checkbox"/> 1 <input type="checkbox"/> 2	<input type="checkbox"/> Grazing (G) <input type="checkbox"/> G&H <input type="checkbox"/> Hay (H) <input type="checkbox"/> *Min. requirement
		**	**	**	<input type="checkbox"/> 1 <input type="checkbox"/> 2	<input type="checkbox"/> Grazing (G) <input type="checkbox"/> G&H <input type="checkbox"/> Hay (H) <input type="checkbox"/> *Min. requirement
		**	**	**	<input type="checkbox"/> 1 <input type="checkbox"/> 2	<input type="checkbox"/> Grazing (G) <input type="checkbox"/> G&H <input type="checkbox"/> Hay (H) <input type="checkbox"/> *Min. requirement
		**	**	**	<input type="checkbox"/> 1 <input type="checkbox"/> 2	<input type="checkbox"/> Grazing (G) <input type="checkbox"/> G&H <input type="checkbox"/> Hay (H) <input type="checkbox"/> *Min. requirement

**Have you soil tested in the past 3 years? \*\***  yes  no

## Coastal Bend Soil Testing Campaign

Discounted pricing is only available for **agricultural soil samples** through **Aransas, Bee, Jim Wells, Kleberg/Kenedy, Live Oak, Nueces, Refugio and San Patricio County Extension Offices**. All samples must be routed through these offices. Please indicate acreage each sample represents, the crop and yield goal to be grown, and what N-P-K fertilizer rates would normally be used (if no soil test was performed). Results will be distributed by the individual County Extension Offices. Samples submitted on this form but not routed through these County Extension Offices will not be processed.

**\*\*Must be answered for samples to be processed.**

**Pricing valid from 10/1-11/18, 2016.**

1. Routine Analysis (R) <small>(pH, NO<sub>3</sub>-N, Conductivity and Mehlich III by ICP P, K, Ca, Mg, Na, and S)</small>	\$7 per sample
2. R + Micronutrients (Micro) <small>(DTPA Zn, Fe, Cu, and Mn)</small>	\$14 per sample

**Results will be returned to county Extension Service offices.**

Please note: pricing valid only if routed through above listed County Extension Offices during the soil testing campaign.

G. Grazing  
 H. Hay  
 G&H. Grazing and Hay  
 \*Min. Requirement for NRCS

## “FALL CEU CONFERENCE”

Texas A&M AgriLife Research & Extension Center,  
10345 State Hwy 44, Corpus Christi, TX  
Thursday, October 20, 2016



Requested CEU's  
TDA - 5.0  
CCA - 5.0

## AGENDA

- 8:00 AM Registration & Coffee
- 8:30 AM Drift Reduction Techniques & New Technology Updates  
*Dr. Josh McGinty, AgriLife Agronomist*
- 9:30 AM Managing Pesticides to Protect Pollinators in Row Crops  
*Dr. Robert Bowling, AgriLife Entomologist*
- 10:30 AM Break - Sponsored by Capital Farm Credit
- 10:45 AM Compliance with Pesticide Storage & Disposal Requirements  
*Richard Marburger, US Ag Recycling*
- 11:15 AM Updates on Current Worker Protection Standards &  
Other Pesticide Regulations  
*Bob McCool, CEA-Ag/NR, San Patricio County*
- 11:45 AM LUNCH
- 12:30 PM Huisache & Field Restoration Management  
*Dr. Megan Clayton, AgriLife Range Specialist*
- 1:30 PM Protect Yourself from Zika  
*Jason Ott, CEA-Ag/NR, Nueces County*
- 2:20 PM Program Evaluation & Distribute CEU Certificate

\*Note: A plastic pesticide container collection will be offered by US Ag Recycling. If you have empty & clean plastic pesticide containers you wish to recycle please bring & they will be collected.

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.



# TEXAS A&M AGRI LIFE EXTENSION

To be held at:

JOHNNY CALDERON BUILDING  
710 E. MAIN  
ROBSTOWN, TX

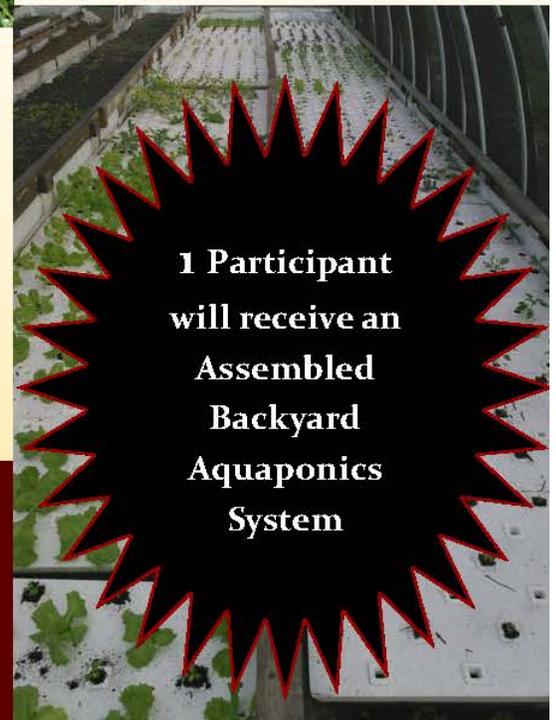
## Aquaponics 206: Building the System

Join AgriLife Fisheries Specialist, Peter Woods for an informative short course on Building an Aquaponics System.

Thursday, October 13, 2016  
1:00 to 4:00pm

Aquaponics is a method of growing plants in a symbiotic relationship with fish. The fish waste feeds the plants, the plants clean the water that returns to the fish!

Register now to attend this half day Aquaponics Workshop. You will gain insight into how to design and construct your very own backyard aquaponics system, as well as, learn about managing an aquaponics system.



A participation fee of \$30 will be charged at the door. Seating is limited to the first 30 participants to RSVP before October 12th to:

Texas A&M AgriLife Extension Service  
Nueces And San Patricio Counties  
710 East Main  
Robstown, TX 78380  
361.767.5223  
[j-ott@tamu.edu](mailto:j-ott@tamu.edu)

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*San Patricio Agriculture* "Agriculture Affects Everyone"



# RANCH TV

UNIVERSITY

at Texas A&M AgriLife Extension

RANCHTV.ORG



**Ron Gill, Ph.D.**  
Beef Cattle Extension Specialist



**Rick Machen, Ph.D.**  
Beef Cattle Extension Specialist



**Ted McCollum, Ph.D.**  
Beef Cattle Extension Specialist



**Steve Hammack, Ph.D.**  
Beef Cattle Extension Specialist

## CHECK OUT OVER 600 BEEF CATTLE & RANCH MANAGEMENT VIDEOS AND OUR COURSES

Ultrasounding Cattle

Beef in the Diet

Stock Horses and Horse Saddles

Drought Cattle Management

Beef Production (Coming Sept. 1st 2016)

Many More...

Beef Quality Assurance

Cattle Value: Feeder Calf to Boxed Beef

Cattle Nutrition Feeds and Feeding

Cattle Value Through Low Stress Handling

Market Cow Management

Master Cattle Transporter



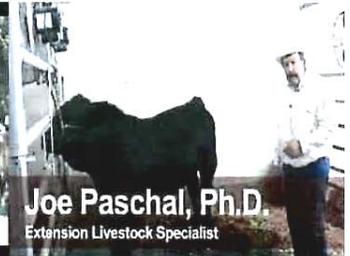
**Jason Cleere, Ph.D.**  
Beef Cattle Extension Specialist



**Bruce Carpenter, Ph.D.**  
Beef Cattle Extension Specialist



**Jason Banta, Ph.D.**  
Beef Cattle Extension Specialist



**Joe Paschal, Ph.D.**  
Extension Livestock Specialist

## Mission

We hope that these videos and online classes will:

Enhance the livelihood of ranchers and rancher's families through the globe.

Teach best livestock and land management practices that will ensure a safe, wholesome, high quality, sustainable, and affordable food products.

Help agricultural students better understand food production systems and best management practices.

Allow consumers to see and better understand food production practices and rationale for using those practices.



# TEXAS A&M AGRI LIFE EXTENSION

*Bobby R. McCool  
San Patricio County Extension Agent  
Agriculture/Natural Resources  
219 N. Vineyard  
Sinton, TX 78387*

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Individuals with disabilities who require an auxiliary aid, service, or accommodation in order to participate in any Extension event are encouraged to contact their County Extension Office at 361-364-6234 at least one week in advance of the program in order for proper arrangements to be made.

In the event of a name, address or phone number change please contact the office at:  
Texas A&M Agrilife Extension Service  
219 N. Vineyard Attn: Ag/NR  
Sinton, Texas 78387  
(361) 364-6234

*Bobby R. McCool  
County Extension Agent  
Agriculture/Natural Resources  
Texas A&M Agrilife Extension Service, San Patricio County*

*Bobby R. McCool*

