

# HAMILTON COUNTY AG/NR NEWSLETTER

Bruce Boyd, Hamilton County AG/NR Agent

SPRING 2020

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(254) 386-3919



## SEEKING COSTAL FIELD

We are looking for a mature coastal field to run result demonstration on.

We will be working on, "How to control Texas winter grass in coastal fields."

If you are interested in allowing a demonstration on your coastal field, please contact Bruce Boyd at 254-386-3919, or Bruce.Boyd@ag.tamu.edu



## UPCOMING PROGRAMS

### Dairy Animal Handling Certificate Training

March 24, 2020

Texas A&M AgriLife Research Center

1229 N US Hwy 281

Stephenville, TX 76401

RSVP: 254-965-1460

**4 DAHC Training Hours**

### Dairy Outreach Program Area

April 7, 2020

Texas A&M AgriLife Research Center

1229 N US Hwy 281

Stephenville, TX 76401

RSVP: 325-356-2539

**5 DOPA Credits**

### Cross Timbers Land Management Symposium - Pond Construction & Management

April 16, 2020

Texas A&M AgriLife Research Center

1229 N US Hwy 281

Stephenville, TX 76401

RSVP: 254-386-3919

**1 CEU**

### Small Grains Field Day

April 17, 2020

McGregor, Texas

RSVP: 254-757-5180

**1 CEU**

# Factors & Feeds for Supplementing Beef Cows

By: Stephen P. Hammack and Ronald J. Gill

Many factors affect the amounts of required nutrients. A female performs many functions—body maintenance, activity, weight gain, reproduction, and milk production—that all require nutrients. The amount of nutrients required depends on body size, environmental conditions, how far an animal travels, desired rate of gain, stage of gestation, and level of milk production.

The nutritional value and quantity of available forage determine if nutrients need to be supplemented in the diet. During most of the year, warm-season forages are likely to be deficient in some minerals, especially phosphorus and certain trace elements like copper and zinc. In most situations, supplementation should include at least year-round provision of salt and a mineral with 8 per cent to 12 percent phosphorus and a similar level of calcium. Vitamin A, which usually is low in dry or weathered forages, should be injected or fed in mineral or other supplements if it is suspected to be deficient. Mineral and vitamin supplementation should be a high priority because deficiencies can be corrected for relatively little cost.

After addressing mineral and vitamin needs, protein and energy deficiencies must be considered. Forage protein and energy vary seasonally. Warm-season forage typically becomes deficient in protein in mid-summer and again in winter. Forage lacks adequate energy content primarily in winter, but energy available to the animal is restricted more often by a limited supply of forage rather than by deficiencies in plant composition.



Many factors affect the type and amount of protein or energy supplement that a beef cow may require. There are six critical factors that affect supplementation needs:

- Forage Quality
- Forage Quantity
- Body Condition
- Body Size
- Milking Level
- Age

What are some protein and energy supplements and how should they be used?

- Oilseed Meals
- Grain
- Breeder/Range Cubes
- Protein Blocks/ Liquids
- Syrup Blocks/Tubs



## Early-Season Weed Control in Hay Fields

"If you have spring and winter weeds and/or a history of grassburs in your hay fields, you should consider a spring spray treatment. You have many options for broadleaf weed control, and a few for weedy grasses.

One of the more effective low-cost treatments for spring broad-leaf and grassy weeds is a treatment of glyphosate. Glyphosate will only kill what is green, so as long as your bermudagrass is still dormant you are safe.

Most of you know glyphosate by the product name Roundup. Glyphosate will do an excellent job of killing both winter annual broadleaf's as well as grasses. If you time your spray properly it will also provide very good control of grassburs.

Grassburs typically green-up before bermudagrass, so you have a window when you can have good control on the grassburs, just before the bermuda greens up. Many will make a second application of glyphosate after baling first cutting.

Again, the grassburs will green-up before the bermudagrass.

The recommended rate of glyphosate is 11 ounces per acre. While bermudagrass will usually recover from glyphosate applications, you need to be careful that your bermudagrass has not greened-up. You can affect 1st cutting yields by applying too late.

This is probably the cheap-est and most effective spring weed control treatment available for hay meadows. This year it looks like we are going to have a very early spring, so if you are considering a glyphosate application on your meadows, you will want to do so pretty soon."

*-Michael Berry, Comanche County AG/NR Agent*

## TPWD seeks input on 2020-2021 hunting regulations

The Texas Parks and Wildlife Department (TPWD) is accepting public comment on proposed changes to hunting regulations for 2020-2021. The proposed changes for hunting regulations include amending definitions, application requirements and conditions for pronghorn and antlerless mule deer permits and specifying season dates and bag limits for the 2020-2021 migratory game bird seasons.

TPWD will take public comment on the following proposed changes to the 2020-2021 Statewide Recreational Hunting Proclamation, with input to be considered before any action by the Texas Parks and Wildlife Commission at its March 26 public hearing:

- Implement rules to administer an automated process for the application and issuance of pronghorn and antlerless mule deer permits
- Establish seasons and bag limits for the take of migratory game birds for 2020-2021
- Decrease the daily bag limit for scaup from three to one in all zones
- Decrease the daily bag limit for light goose daily bag limit from 20 to 10 during the regular season in both zones
- Shift goose seasons and light goose conservation season in the Western Zone one week later than in previous years
- Shift snipe hunting season dates two weeks later than in previous years



Once the proposed regulations are published in the Texas Register, comments on the changes can be provided on the TPWD public comment page until March 25.

Comments can also be submitted in writing and mailed to TPWD, attn. Hunting Regulations Public Comment, 4200 Smith School Rd., Austin, TX 78744.

Comments on the proposed pronghorn and antlerless mule deer permit changes may be submitted to Mitch Lockwood at 830.792.9677 or [mitch.lockwood@tpwd.texas.gov](mailto:mitch.lockwood@tpwd.texas.gov). Comments on the proposed migratory game bird changes may be submitted to Shaun Oldenburger at 512.389.4778 or [shaun.oldenburger@tpwd.texas.gov](mailto:shaun.oldenburger@tpwd.texas.gov).

The Texas Parks and Wildlife Commission will take public comment on the proposed changes at its meeting on Thursday, March 26, in Austin.

Public testimony will normally be limited to three minutes per person.

# Dairy Animal Handling Certificate (DAHC) Training

**March 24, 2020**

**10:00am - 3:00pm**



Texas A&M AgriLife  
Research & Extension Center  
1229 N U.S. Hwy 281  
Stephenville, TX 76401

**RSVP: (254) 965-1460**

## Program Details

- ⇒ Properly pulling a calf
- ⇒ Hands-on demonstration using a Dystocia Calf Simulator
- ⇒ Colostrum and Calf Management
- ⇒ Sanitation and Cleanliness



**Figure 1.** Dystocia model simulator. Artificial calf (left) and dystocia model simulator without the calf (right). Picture adapted from the 2018 catalogue of VSI Ltd., Calgary, Alberta, Canada.

Training offered in English  
and Spanish.

Meal Sponsored by:



**Completion of 4 hours of DAHC Training through  
Texas A&M AgriLife Extension Services**

The Texas A&M AgriLife Extension Service 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.

# Dairy Outreach Program Area

**April 7, 2020**

**10:00am - 4:00pm**



Texas A&M AgriLife  
Research & Extension Center  
1229 N U.S. Hwy 281  
Stephenville, TX 76401

**RSVP: (325)356-2539**

## Agenda - Morning Session

- 9:30AM Registration**
- 10:00 Well Regulation & Management, Preventing Groundwater Contamination**  
Joe Cooper, General Manager at Middle Trinity Water District
- 11:00 Soil Testing**  
Dr. Jake Mowrer; Assistant Professor & Extension Specialist, Texas A&M AgriLife
- 12:00 Lunch**

## Agenda - Afternoon Session

- 1:00 Sand Bedding & Manure Management**  
*Presented by:* Dr. Juan Pineiro, Assistant Professor & Extension Specialist, Texas A&M AgriLife
- 2:00 Manure Management Options and New Technologies**  
Dr. Zong Liu, Assistant Professor & Extension Specialist, Texas A&M AgriLife
- 3:00 New Manure Management Regulations**  
Darren Turley; Executive Director for Texas Association of Dairymen

**5 DOPA credits offered**  
**2 for morning session**  
**3 for afternoon session**

***Erath, Comanche and  
Hamilton Counties  
Cooperating***

The Texas A&M AgriLife Extension Service 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.

# CROSS TIMBERS LAND MANAGEMENT SYMPOSIUM

TEXAS A&M  
**AGRI**LIFE  
EXTENSION

## Pond Construction and Management

# APRIL 16TH, 2020

10:00 AM - 1:30 PM

\$ 10 Lunch Included

1 CEU

Texas A&M AgriLife  
Extension & Research Center  
1229 North US Hwy 281  
Stephenville, TX

RSVP to Hamilton County  
Extension Office  
254- 386-3919 by April 13th

Brittany Chesser -

Aquatic Vegetation Management Program Specialist

Bob Lusk -

Fisheries Biologist , Editor - Pond Boss Magazine