

BANDERA COUNTY EXTENSION NEWSLETTER

July 2022

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Things to Know

Continue to pray for rain

CURB THE CHANCES OF WILDFIRES THIS SUMMER

No relief appears to be in site as the brutal summer heat continues to beat down on Texas. These high temperatures and no significant rainfall have produced ideal conditions for wildfires. Be sure to take appropriate steps to minimize our risk of fires getting out of control:

- Don't let vehicles idle on top of dry vegetation. Any spark produced by the vehicle can cause a fire.
- Avoid welding in areas of high vegetation, and always have a spotter and water on standby.
- Mow down vegetation around structures to be as close to the ground as possible.
- Avoid littering. Discarding lit cigarettes on the ground can potentially start a fire.
- Do not burn trash or brush piles. These can easily get out of control and even continue to burn for long periods of time, even when put out improperly.

MANAGING HEAT STRESS FOR LIVESTOCK

Extremely high temperatures are putting a heavy burden on livestock producers. Heat stress can cause multiple problems on livestock operations, including a drop in performance and adverse health effects. While many other current stresses are out of our control, livestock producers can at least take steps to mitigate heat stress:

- Make sure livestock have ample shade. Providing plenty of thermal cover in the pasture can help animals get out of the heat quickly and easily. Standing in direct sunlight can make it feel up to 15 degrees warmer than it actually is compared to in the shade.
- Alter livestock working schedules to early mornings. Stress caused from human handling will elevate their body temperature. Working at a time of day when it is coolest can help reduce the effects of heat stress. When working livestock, make sure handling is as low-stress as possible.
- Provide plenty of water. Water the most crucial nutrient that living things need to survive, and drinking water is the quickest way to immediately cool down. Even with current water usage restrictions, water can still be pumped for livestock drinking water. This is especially crucial as natural water features and stock tanks continue to dry up without relief.



HAY TESTING... KNOW WHAT YOU'RE FEEDING

Vanessa Olson – Extension Forage Specialist



One of the first considerations when purchasing hay is that it should be based on individual animal requirements. For optimal production, forage quality should be matched as closely as possible to the nutritional needs of the animal. Low quality forage can result in reduced animal performance and increased supplemental feeding costs. Whereas hay of sufficient quality, little or no supplementation will be necessary to meet the animals' nutritional needs.

Keep in mind that not all forage or hay is created equal. There is great variation between forages and nutrient content can vary dramatically even within a particular type of forage. Several factors influence hay quality, such as maturity (time of harvesting), forage species & variety, fertilization, temperature, leaf to stem ratio and weather at harvesting/baling.

Regardless if you are buying hay or feeding the hay you raised it is a good idea to test the hay to determine what if any supplementation will be needed when the hay is fed. When collecting samples a good practice is to sample approximately 10% of the bales from a particular cutting or load using a hay probe. Often times a hay probe can be borrowed from your county extension office. Samples should be taken from bales that would represent hay from the entire field. After taking samples from 10% of the bales combine the samples and remove a portion of the composite to send off for analysis.

Crude protein content is the most common thing people think about when testing hay. While crude protein content is important, a good estimate of TDN (total digestible nutrients) is as important and in many cases more important than crude protein. There are a multitude of both commercial and university forage labs around the country. The [Texas A&M AgriLife Extension Service Soil, Water and](#)

Forage Testing Laboratory does offer forage analysis as a service out of College Station, TX. For additional information on forage testing or available forage labs contact your local beef cattle or livestock specialist or a ruminant nutritionist.

If you haven't done so already, now is the time to get a nutrient analysis of all available hay and forage, sort your cattle based on their nutrient requirements, properly match available forage and hay to the different groups of cattle and make sure their nutrient requirements are being met. Feeding cattle is never cheap but producers with information about what they are feeding can be more efficient.

49th ANNUAL TEXAS SHEEP AND GOAT EXPO REGISTRATION IS OPEN

Registration for the 49th annual Texas Sheep and Goat Field Day and Expo is now open. The Field day will be held on August 19th, 2022 at the Texas A&M AgriLife Research and Extension Center in San Angelo, while the Expo will be held on August 19th – 20th at the First Community Spur Arena in San Angelo.



This unique sheep and goat event provides producers and other interested persons the opportunity to attend educational presentations. The speakers are experts in the industry. This program meets the needs of a very diverse sheep and goat industry. The event draws producers from across Texas, out of state, and as far away as Australia. It is the largest event of its type in Texas and one of the largest sheep and goat industry educational programs in the world.

The expo will feature guest speakers, educational seminars and numerous live sessions for participants to choose from. The event covers a range of industry topics, including addressing the concerns and challenges facing today's producer in light of recent events, as well as the exciting changes happening in the industry involving technological advances and new services.

For more information and to register for the event, please visit <https://agrilife.org/agrilifeshsheepandgoat/> or click the image above.

TDA'S HAY HOTLINE CAN HELP LIVESTOCK PRODUCERS FIND HAY FOR SALE

The ongoing drought is creating very dire times for our livestock producers as the 2022 hay harvest continues to look bleak. Despite the lack of rain, some hay producers have still been able to grow enough forage to make a cut. TDA's Hay Hotline can help livestock producers locate hay for sale in their area and connect them with vital resources that can help them in times of disaster.

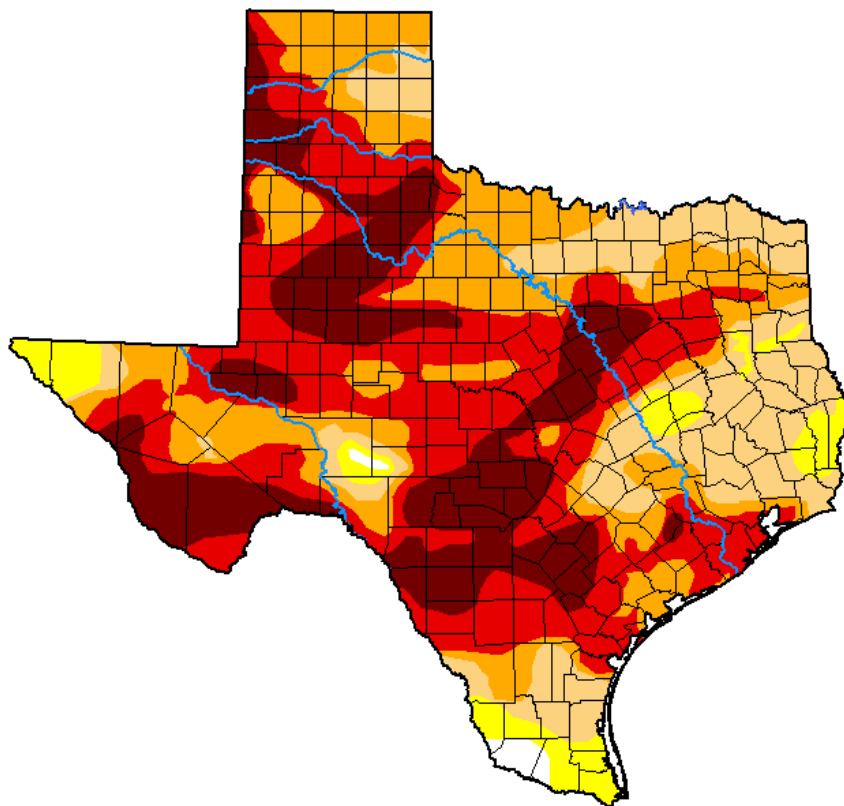
First released in 2008 and renovated in 2018, the website features a search function that uses your local area to find all listed forage for sale, hay transporters, and grazing pasture in their area and further. Search results can be shown as a list for easy reading or on a map for pinpointed results. The website also features helpful links to weather and disaster awareness and recovery resources to assist livestock producers in times of crisis.

Keep in mind that not all available hay for sale in an area will be listed, however it can be a good start for producers in need of assistance. To visit the website, go to







<https://www.texasagriculture.gov/Home/ProductionAgriculture/HayHotline>.

U.S. Drought Monitor Texas

July 12, 2022
(Released Thursday, Jul. 14, 2022)
Valid 8 a.m. EDT



Intensity:

-  None
-  D0 Abnormally Dry
-  D1 Moderate Drought
-  D2 Severe Drought
-  D3 Extreme Drought
-  D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <http://droughtmonitor.unl.edu/About.aspx>

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National Drought Mitigation Center



droughtmonitor.unl.edu

Around the County

INVORA BRUSH TRIAL: YEAR 1 RESULTS DEMONSTRATION ON JULY 29TH

Invora is a relatively new herbicide produced by Bayer Ag Solutions, and field trials are still being conducted on its effectiveness on rangeland brush and fencelines. This program will demonstrate the results in year 1 of a two-year study of Invora on fenceline treatment, as well as cut-stump treatment, on juvenile woody brush species. The demonstration will be on **Friday, July 29th** at the Mansfield Park Recreation Center in Bandera and will feature a discussion of the trial and chemical brush treatment strategies, ranch tours of the test sites, and Picolinic Acid Chemistry training for those interested in using Invora on their property. **2 CEU's will be offered**, and lunch will be provided. Registration begins at 8:00 am.

Please RSVP by July 25th by contacting the Extension office at 830-796-7755 or by emailing me at Dakota.kempken@ag.tamu.edu.

2023 COUNTY AND MAJOR SHOW TURKEY ORDERS ARE NOW OPEN

Poultry season is just about here once again, and orders are now being taken for the 2023 county and major turkey shows. This will be the only time we accept turkey orders for either show, so please make sure you get your orders in. The deadline to order your poultts is Friday, August 12th by 5:00 pm. As a reminder, at least 5 poultts must be ordered per exhibitor at \$4.40 per bird, or they can be ordered in boxes of 25 at \$110 per box. Up to 75 poultts per exhibitor can be ordered at a time.

Please fill out the attached form ([Which can be found here](#)) and return with payment to the Extension office by August 12th.

HAVE A TOPIC YOU WOULD LIKE TO SEE COVERED IN A PROGRAM? GIVE ME YOUR SUGGESTION AT DAKOTA.KEMPKEN@AG.TAMU.EDU, OR CALL THE EXTENSION OFFICE AT 830-796-7755

***Invora* Herbicide Brush Trial: Year 1 Results**

and Picolinic Acid Chemistry Training*



2 CEU's Offered

1 General CEU

1 Laws and Regulations CEU (with the completion of Picolinic Acid Training)

- **overview of the field trial and live showcase of demo sites**
- **Chemical brush management strategies**
- **Picolinic Acid Training - Dr. Megan Clayton, Extension Range Specialist**

- Friday, July 29th
- Mansfield Park Recreation Center
 - 2886 Hwy 16, Bandera, Tx 78003
- Registration begins at 8:00 am

Lunch will be provided

Please RSVP by July 25th. To RSVP or learn more, please contact the Bandera County Extension Office at 830-796-7755 or contact dakota.kempken@ag.tamu.edu

*Picolinic Acid Chemistry Certification is required to spray Invora

Livestock Market Reports

HONDO AUCTION BARN REPORT

As of July 12th. Prices are per pound

Feeder/Stocker Steers	200-300 lbs	\$1.52 – \$1.88
	300-400 lbs	\$1.58 - \$1.84
	400-500 lbs	\$1.52 - \$1.80
	500-600 lbs	\$1.38 - \$1.77
	600-700 lbs	\$1.28 - \$1.53
	700-800 lbs	\$1.12 - \$1.39
	Feeder/Stocker Heifers	200-300 lbs
300-400 lbs		\$1.32 - \$1.64
400-500 lbs		\$1.32 - \$1.58
500-600 lbs		\$1.25 - \$1.48
600-700 lbs		\$1.22 - \$1.41
700-800 lbs		\$1.05 - \$1.34
Slaughter Cows		
Slaughter Bulls		\$0.60 - \$1.10
Cow/calf Pairs		\$850 - \$1,150
Stocker Cows		\$525 - \$970

GILLESPIE LIVESTOCK AUCTION REPORT

As of July 13th. Prices are per hundred weight

		Steers	Heifers
Medium to Large Frame Cattle	200-300 lbs	\$140.00 - \$220.00	\$160.00 - \$180.00
	300-400 lbs	\$160.00 - \$215.00	\$150.00 - \$170.00
	400-500 lbs	\$150.00 - \$200.00	\$140.00 - \$165.00
	500-600 lbs	\$140.00 - \$192.00	\$130.00 - \$155.00
	600-700 lbs	\$140.00 - \$180.00	\$115.00 - \$150.50
	700-800 lbs	\$130.00 - \$164.00	\$120.00 - \$144.00
Sheep and Goats	#1 Wool lambs 40-60 lbs	\$170.00 - \$220.00	
	#1 Wool lambs 60-80 lbs	\$170.00 - \$220.00	
	BBD lambs 40-60 lbs	\$100.00 - \$160.00	
	Dorper X lambs 40-60 lbs	\$220.00 - \$270.00	
	Dorper X lambs 60-80 lbs	\$180.00 - \$270.00	
	Lt. Slaughter lambs 45-80 lbs	\$180.00 - \$270.00	
	Slaughter lambs 100-150 lbs	\$140.00 - \$200.00	
	Packer ewes	\$60.00 - \$120.00	
	Sheep bucks/rams	\$100.00 - \$140.00	
	#1 Sp/Boer X kids 20-40 lbs	\$170.00 - \$280.00	
	#1 Sp/Boer X kids 40-60 lbs	\$170.00 - \$285.00	
	#1 Sp/Boer X kids 60-80 lbs	\$200.00 - \$310.00	
	Spanish/Boer muttoms	\$200.00 - \$310.00	
	Angora kids	\$160.00 - \$245.00	
	Lower quality kids	\$100.00 - \$200.00	
	Packer Sp/boer X nannies	\$70.00 - \$270.00	
	Stocker Sp/boer X nannies	\$250.00 - \$400.00	
Angora nannies	\$60.00 - \$120.00		
Boer X billies	\$160.00 - \$200.00		