

A display of precision



The Norton Archery Club was back out at Sebelius Reservoir on Sunday for another 3-D Archery Shoot. (Pictured) Noah Askelson of Lexington, Neb. takes sharp aim at his target. Noah and his father, T.J. Askelson, chose a perfect day to make the trip to Norton with sunny skies and warm temperatures for the archers. The first flight winner was Steve Sarns with a score of 507 and the second flight winner was Brett Galentine with a score of 330. The turn out was bigger than the previous 3-D Shoot, according to Club president Randy West.

-Telegram photo by Mike Stephens

Producers look for feeding options

Producers who trucked in supplemental forages from further north last year will likely be out of luck this season thanks to the expansive drought.

Many producers will be forced to get creative with feeding and grazing this year, said Justin Waggoner, K-State beef systems specialist, during the 2012 K-State Beef Conference on Aug. 9.

"We're probably going to have to make do with what we have," he said.

Waggoner advised producers to explore feeding non-traditional forages, such as crop residues or weeds. Most alternative forages have some associated risk though.

"They are nontraditional for a reason," Waggoner said. Testing samples of forage for toxic substances helps assess the risk involved with feeding it.

High nitrate levels in forages are especially important to watch for, Waggoner said. When plants experience stress, such as a drought, their nitrate levels rise, which can be deadly for cattle. Nitrate content up to 3,000 ppm is considered safe, while 3,000 to 6,000 ppm only moderately safe and should not constitute more than half of the ration for stressed animals. If the content is 6,000 to 9,000 ppm, the forage could be toxic and should not be the sole source of feed.

Waggoner said nitrate content is typically variable, and he stressed the importance of thorough sampling. Producers should record the field of origin for each sample. Forage from an area with high nitrate levels may be mixed with forage from an area with lower levels and fed to cattle with

lower risk of toxicity.

From an economical perspective, Waggoner also recommended grazing forage whenever possible instead of baling it into hay.

"Anytime we run a swather and baler, we're going to tie up \$30 to \$35 a ton in that forage," he said.

If it is necessary to hay, Waggoner recommended ammoniating low quality forage to improve digestibility and intake. To ammoniate, stack bales in a 3,2 or 3,2,1 arrangement and cover the stack with 6 mil black plastic. Seal the edges with soil and insert the anhydrous line, applying about 3 percent ammonia of the total weight of the dry stack. The time the stack should remain covered varies with temperature. At temperatures of more than 80 degrees Fahrenheit, leaving the stacks covered for approximately two weeks is usually sufficient. Waggoner warned against ammoniating forages containing weeds or moderate quality forages, as toxic substances can be produced.

A K-State Research and Extension video "how-to" on Ammoniating Low Quality Forages is posted at <http://youtu.be/-JtjJb-umpk>.

If a producer is able to locate available forages to buy, Waggoner recommended asking a few questions to help assess its quality, since forage is rarely bought or sold with sample results.

- 1) What did the field look like prior to cutting? What were the dominant plant species?
- 2) What is the history of management? Was it in CRP?
- 3) When was it cut?

POLICE LOG

<p>Aug. 20 Vehicle stop Bicycle found Conducted search warrant Building checks Aug. 21 Assist Sheriff's Dept. with D.U.I. Found bike (3) Three vehicle stops Building checks Aug. 22 (2) Parking complaint Motorist assist Two vehicle accident, Andb Home Two vehicle accident, N. Grant Activated alarm, High Plains Vehicle stop</p>	<p>Building checks Aug. 23 (2) Two vehicle stops Report of transients camping by hay bales south of Norton Building checks Report of fight Aug. 24 Report of suspicious vehicle Report of kids trying to get into concession stand at football field Parking complaint Keys locked in vehicle Dispute over PO box key Funeral escort Parking compliant Barking dog complaint Vehicle stop Building checks</p>	<p>Aug. 25 (9) Nine vehicle stops Activated alarm, Dollar General Report of alarms all over town going off Report of verbal altercation Aug. 26 (5) Five vehicle stops Individual reported two kids going through her vehicle. PLEASE REMOVE YOUR VALUABLES AND LOCK YOUR VEHICLE Motorist assist Barking dog complaint Building checks Report of out of control juvenile</p>
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HANSEN MUSEUM

The Hansen Museum sponsors a craft fair on Sept. 15. Hosting crafters from Kansas and surrounding states, this annual event is held at the Hansen Plaza Square, Main Street in Logan. There is no admission charge to attend this event.

Chain saw artist Blair Smith, from Iowa, will be on the grounds with his chain saw artistry. His performances will begin at 8 a.m. and continue throughout the day with him completing several projects. Drawings at 11:45 a.m. and 2:15 p.m. will be held for two of his carvings.

Live entertainment on two stages will be performing at various times during the day. Stanton Nelson, a young talented musician from Long Island, will be featuring his violin music on the south stage at 10 a.m., noon and 2:30 p.m. He will also be strolling the sidewalks and entertaining

the crowd with his music during the afternoon. Multi-talented one-man-band "Mark Nebel," from Hays, will be performing once again on the north stage at 11 a.m. and 1:15 p.m.

In addition to the live entertainment, we will also have several Artisan presentations around the Plaza. We will have the Solomon Valley Players doing old time re-enactments at 11 a.m. and 2 p.m., Deer Creek Regulators fast draw shooting from 10 a.m.-4 p.m., Janie Lowry (Quilting) will be doing a Table Runner Demo in the community room at 11 a.m. and 1 p.m. Also, there will be "Fleece to Fabric" by Area Weavers and Spinners and Shepherd's Mill from 10 a.m.-4 p.m., Brian Bethke, Black Smith from Atchison, (originally from Stuttgart) from 10 a.m.-4 p.m., and Pottery by Ned Day from Fort Hays from 10 a.m.-4 p.m.

Tips for applying ammonia to wheat fields

As producers start thinking about anhydrous application for wheat this fall, extremely dry soils can be a concern, said Dave Mengel, K-State Research and Extension soil fertility specialist. The question often is, when the soil is dry, will it hold anhydrous ammonia or will some or most of the ammonia be lost shortly after application?

Three factors help determine whether ammonia might be lost after application under dry conditions, Mengel said.

The first is how quickly the ammonia gas is converted within the soil to a non-gaseous form that will stay in the soil.

"Ammonia gas needs to react with water shortly after application in order to convert into ammonium," Mengel said.

Converting from gaseous ammonia to the less-volatile ammonium ion takes a little time - it does not occur immediately upon contact with the soil, he explained.

"The higher the soil temperature and the wetter the soil, the more rapid the conversion occurs. If the ammonia does not react with water, it will remain as a gas that could escape from the soil. Also, a higher percentage of the ammonia will remain unconverted in the soil longer at higher application rates and at higher soil pH levels," he said.

The second factor to consider is how rough and open the dry soil is, Mengel said.

"Dry soils may be cloddy, with large air spaces where the soil has cracked. This can allow the gas to physically escape into the air before it has a chance to be converted into ammonium," the agronomist said. "Getting the soil sealed properly above the injection slot can also be a problem in dry soils."

The third factor is the amount of ammonia that might be lost, which depends on application depth, he said. The deeper the ammonia is applied, the more likely the ammonia will have moisture to react with, and the easier the sealing.

So, can anhydrous ammonia be applied to dry soils?

"Yes," the soil fertility specialist said, "as long as the ammonia is applied deep enough to get it in some moisture and the soil is well sealed above the injection slot. If the soil is dry and cloddy, there may be considerable losses of ammonia within just a few days of application if the soil is too well sealed above

the injection slot or the injection point is too shallow."

Producers should be able to tell if anhydrous is escaping from the soil during application or if the ammonia isn't being applied deeply enough. If ammonia can be smelled, the producer should either change the equipment setup to get better sealing or deeper injection, or wait until the soil has better moisture conditions, he said.

Mengel said producers can minimize loss of ammonia when applied to dry soils by:

- * Applying the anhydrous ammonia at the proper depth (at least 6 to 8 inches in 30- to 40-inch spacings);

- * Using covering disks behind the knives or sealing wings ("beaver tails") on the knives; and

- * Applying the anhydrous ammonia at least one to two weeks before planting. This waiting period should be even longer if soils are very dry.

CORRECTION

Due to reporter error, the cutline under the Lyons House construction photo in the Friday, Aug. 24 issue incorrectly identified the company responsible for the project. The correct name of the company is Schamber Historic Preservation Company out of Damar.

The Norton Telegram will correct or clarify any mistake or misunderstanding in a news story. Please call our office at 877-3361 to report errors.

We believe that news stories should be fair and factual and appreciate your calling to our attention any failure to live up to this standard.

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Duplicate Bridge


There were three tables for Duplicate Bridge played Wednesday night at Norton Manor. There was a tie for first place honors between Joyce Sumner and Jackie Porter and Doug Johnston and Myron Veh.

Platte Valley Medical Group P.C. introduces

Dr. Tom Pagano

Dr. Tom Pagano will be providing Cardiology and Interventional Cardiology services and is now accepting new patients. Dr. Pagano is a Board Certified physician in Cardiovascular Disease, Interventional Cardiology, and Internal Medicine. He completed his Internal Medicine and Cardiology fellowship at Creighton University in Omaha, Nebraska. Prior to his employment with Platte Valley Medical Group, P.C., Dr. Pagano was an Assistant Professor of Medicine at Creighton School of Medicine. Now accepting New Patients.





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