

## Teaming electrical safety with Christmas sparkle

By DANNA RYAN
A8M Extonsion Joumalist
LUBBOCK - The holiday season is a time of joy for most people, but it can tum to sorrow if proper precautions are not taken when lighting in and around the home.
"If you don't do things electrically safe, it will lead to a disaster," said Gayle Holland, Christmas shop manager at Holland Gardens.

Each year Holland Gardens offers workshops on holiday activities. This year they presented workshops on
bow making, advanced ribbon and bow techniques, how to start a miniature village, and Christmas lighting.
Christmas lighting is an important matter to take into consideration because of all accidents that occur during the holiday season as a result of carelessness.

Holland said to look or frayed cords and damaged sockets and plugs before putting lights up in your home. Any burned out lights or damaged plugs should plugs should be replaced.
She also said it was

6
f the extension cord is warm to the touch, then there is too much current . . . This can eventually melt the cord and cause a fire.
-Lighting expert
important to be aware of the correct wattage of the lights. If you're not sure what wattage of replacement bulbs are needed the set can be taken to a Christmas or lighting store, Holland said.
Incorrect sizing could
end up stressing out the set and increasing the risk of an accident, she said.

When using outdoor lights, they need to be UL (Underwriters Laboratory) approved and designed specifically for outside use, said

## Technology replaces hot iron

Associated Press.
WICHITA, Kan. (AP) The time-honored cowboy tradition of the hot-iron brand may be fading into the lore of the West because of economics and new technology.
Electric, extreme-cold and chemical branding have
started replacing metal rods for unbranded cattle or some heated in cow camp fires, slaughterhouse discounting which cowboys have sat of branded stock, industry around for decades while analysts say.
they talked about the smell of singed hair and scorched hide in their poetry and song. There's also microchip insertion and ear tattooing.
The change is being spurred by the possibility of a small premium being paid
"The hide industry would very definitely tell you they have some very serious concems about the effect of branding on hide quality," said Larry Corah, a Kansas State University animal science professor.
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Surveys show branded hides bring from $\$ 9$ to $\$ 13$ less, depending on where the brand has been placed. That's a $\$ 159$ million to $\$ 236$ million annual loss to hide damage", said Bra Frye, a U.S. Deparment of Age, a u. Department of Agncuture Anesearcher with the Animal and Plant Health See IRON, Page 4

Holland. The extension cords used with the lights needs to be rated for the amount of electricity pulling through the set.
"If the extension cord is warm to the touch, then there is too much current," said Holland. "This can eventually melt the cord and cause a fire."
Lighting on or around the lawn can be especially hazardous to children and animals, Holland said. The extension coras should be fastened down to the lawn to prevent tripping. This can be done by bending a coat hanger into a u-shape and
using it as a fastener Holland added that any extra or unused sockets should be taped over and camouflaged.
"If we're careful with electricity, whe should have a safe and festive holiday," said Holland.
Holland Gardens has been in business in Lubbock for more than 25 years, and is a nursery and seasonal Christmas store.
(This story was made possible through a grant from the Readers Digest Foundation)

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AgReview

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Jan. 22-23


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are economically and ecologically sound.

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512-266-9588.

## 'Eyes' take aim at field, and barn pests

## By GORDON ZEIGLER

 AgReview WriterWhy do a pair of eyes painted on a balloon have in common with the patterns on a buttefly's wing?
May be a strange comparison, but the similarity of design lies the secret behind so-called "Bird Scare Preda-so-called "Bird Scare Preda-
tor Eyes," a product sold to tor Eyes, a product sold to
ag customers to scare away ag cus
birds.

It seems that bird eyeforms whether flapping on the backs of an insect, or painted on a balloon - put fear in the hearts of a bird.
It's a simple trick of nature that has been at work on many U.S. farms for several years.
"Did you ever look closely
at the wings of butterflies, at the wings of butterflies, their patterns look like eyes . . . and you know birds don't eat butterlies, do they?," asks Joe Kovar, an exhibitor at last week's Amarillo Farm and Ranch Show.
Kovar said a friend in his home state of Minnesota learned of concept in 1986 while on a trip to the orient. "A rice farmer had a balloon with eyes," he said. "My friend asked he said. worked, and the farmer worked, and the farmer explained the conupt. They had a lot of blackbirds there, but they stayed away from the fields."

The idea originated with Japanese rice farmers who used the theory of the butterfly's wings to keep smaller, grain eating birds out of their rice paddes.
The farmers designed a stuirdy, weather-resistant blloon with the eyes of predator birds - hawks, eagels, falcons - painted on the sides.
Hung at various intervals in the rice paddies, the balloons scared the smaller birds away and boosted production without use of chemicals, sprays, nets or other controls. Kovar, a retired implement manufacturer, and Jack Tepoorten, finally teamed up to manufacture the balloons in the United States.
The Texas A\&M Extension service uses them widey on their experiment plots today, says Kovar. They are quite popular in milo tes plots.
Now, the company is sell ing the poly-vinyl balloons, whose purchasers balloons, whose purchasers are reportmachine sheds, airport hangers and marinas as well as gardens, orchards, grape arbors and recreational arears.

Sparrows, scagulls, pigeons, woodpeckers, black birds and other unwanted guests seem to flee when balloons are present.


THE EYES HAVE IT - Joe Kovar is a Minnesota-based distributor whose balloon with cyes promises to scare away bird pests on the farm.

Moc Ki,-based distributor for widely other similar events to mark-

## Stallman edges out True for top

SAN ANTONIO - Texas Farm Bureau voting delast week in an extremely close race as Bob Stallman 41, of Columbus defeated incumbent S.M. True, of Plainview, in the election for president of the state's largest general farm organization.
In the general business In the general business
session, voting delegates at session, voting delegates at
TFB's 60th annual convention voted overwhelmingly tion voted overwheimingly to oppose retroactive taxes and said they favored an increase in sales tax to replace the school property tax.
In other tax-related items in the first day of the resolutions session, delegates said they favored a tax structure which requires all people to share the responsibility of supporting gov ernmental entities. They also said that land acquired and used for agricultural purposes should be granted agricultural or open space valuation immediately and urged that current state inheritance tax provisions be maintained provision e maintained
State resolutions adopted here become policy for the entire Texas Farm Bureau nembership for 1994 National resolutions adopted will be forwarded to the American Farm Bureau Federation Resolu-
commitice puts tha resolutions to be consid ered at the 75th anniversary AFBF meeting in Fort Lauderdale, Fla., in January.
Delegates of the state's largest general farm organization also chose to tackle the upcoming farm bill in developing policy. They suggested that annual loan rates for commodities should be 75 percent of parity and that loan rates and target prices be increased to reflect the cost of living and cost of pro duction on an annual basis They said stock reduction programs should be implemented to maximize producer income without creating excessive stocks. They recommended that payment acres be increased to 100 percent of planted acres, and said the 0/85 program should be available with guaranteed minimum deficiency payments paid on the full 85 percent Delegates also recommended a marketing loan for wheat and feed grains and opposed a Federal Crop Insurance Corporation program that only allows program that only allows losses on a county or regional basis.

Delegates registered opposition to the Texas High Speed Rail project as
currently proposed. They said they would support high-speed rail projects in Texas only if due consideration has been given to all developing American rail technologies and industries; the proposed rail system is capable of operating on existing highways or on existing highways or railroad right-of-ways; and the proposed rail system will serve both rural and metropolitan counties along its route
In other action on the state level, delegates:

- Supported a concerted joint Texas-Mexico effort to control/eradicate bovine tuberculosis and brucellosis.
- Favored a compulsory check-off of one cent per pound on honey, with imported honey paying the same check-off as domestic producers.
- Said the use of restricted chemicals should be regulated in urban areas, houscholds and yards through certification and through certification and tor's license.
- Recommended that studies be pursued to deterstudies be pursued to determine the value of constructed wetiands as a water purification method. - Opposed non-profit organizations buying land in environmentally-
sensitive areas and selling
et the colorful, bird-scaring balloons which market for nature's simple principals of nature's simple principals.
"This is a product that really works, it does what it is supposed to," Kovar claims.


## Farm Bureau post

prof - Rec
money money spent on advertising reduced to should be needed for the amount material and the drawings and that state lotery profit and that state lottery profits at all levels. - Opposed

- Opposed the enactment of restrictive legislation concerning the purchase, possession or sale of firearms and ammunition by citizens of the United States.
On national resolutions, the delegates:
- Supported term limitations for national elected officials.
- Recommended that paper work for producers who participate in the farm program be reduced.
- Opposed homosexuals serving in the U.S. Armed Forces, including the "don't ask, don't tell" policy.
- Opposed the exemption of $\$ 60,000$ worth of farm equipment as collater l in bankruptcy cases.
The conicy cases
- The convention will end Wednesday with the conclusion of the resolutions session and the elec tion of TFB president.
The final tally in the president's election was extremely close when a
run-off was forced after former TFB Vice Presiden Don Smith tallied 108 votes in a three-way race. True garnered 489 votes to Stall man's 436. John Baker of Temple drew five votes in the first round after declining his nomination to run



## Country Trader 'was there'

Wendell Tooley, associated with newspapers in Canyon, Tulia and Slaton which are part of the Country Trader advertising and news network, greets crowds attending the Amarillo Farm and Ranch Show last week with a complimentary issue of the Trader. The annual Amasillo show is one of the largest indoor events of its type in the country.
A better cattish via genetic engineering

By JENMIFER LOVEN Associaled Press
WASHINGTON (AP) Government scientists are using genetic engineering to produce a superior breed of produce
catfish.

The process, known as body composition. gynogenesis, produces cat- Scientists at the Agriculfish with greater tolerance to ture Research Service's Catpoor water quality, more fish Genetic Research Unit in resistance to disease, more Stoneville, Miss., have even efficient food conversion and solved what had been a improved growth rates and major problem with the pro-
cess - that the superior race included only female offspring. Experiments with sex-control mechanisms have developed females who can produce male and female fish.

Thursday, December 9, 1993 - COUNTRY TRADER - 3 $\$ 1.8$ billion in CRP funds paid to 375,000 contracts
WASHINGTON (AP) - Missouri, Nebraska, North Secretary of Agriculture Dakota, South Dakota and Mike Espy has announced Wisconsin. Those are that cash payments of more states hit by flooding and than $\$ 1.8$ billion are being excessive rainfall.
made to qualified produc- The annual rental ers on 375,000 contracts in payments are made under the Commodity Credit contracts producers signed Corporation's Conserva - to enroll cropland in the tion Reserve Program. CRP during crop years More than $\$ 956$ million 1986-1992.
of the fiscal 1994 CRP payments are being made to producers in illinois, Iowa, Kansas, Minnesota,

To date, 36,4 million acres have been enrolled in the CRP.

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## From Page 1

## Inspection Service.

Even when theft losses are compared with hide damage losses, the hide damage toll outweighs theft by a ratio of 12-to-1 to 15-to-1, Frye said. People have been putting distinctive marks on livestock to identify ownership tock to idenify ownership historians say. Drawings of historians say. Drawings of branded catte in Egyptian
tombs date to 2700 B.C. Today, livestock brands usually are registered by the state.
Animal rights groups, such as People for The Ethical Treatment of Animals, have objected to hot-iron branding for years.
'There's just no excuse for branding cattle in this day and age. We think it's barbaric," said Jenny Woods, a spokeswoman for PETA.
A recent continental U.S. federal survey of 3,400 producers showed branding still is the most common form of identification.
In the south-central region which includes Kansas, Missouri, Arkansas, Oklahoma and Texas - about 11 percent of all cattle opera-

> going slowly because of the practicality of high

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brands on 92 percent of brands on 92 per
unweaned calves.
In the western states, here's still public srazing, there's still public grazing and open range, which makes branding even more impor tant for sorting cattle, Frye The The United States and Canada export about 76 per cent of their cattle hides for a 43 percent share of the world market, according to the USDA.
Corah and Frye said ranchers eventually may get docked for having tradition ally branded cattle or hides with other damage.
"But you can't ask producers today to quit brand ing," Frye said. "They don't get an incentive not to brand, and they do get penalized if someone steals one of their steers."
Ken Stielow, a Paradise rancher, sees the transition to hot-iron brand alternatives
tions brand unweaned calves, which translates into 22 per- cost

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## Dolling

by paula barr - 93 Kansas City Star

KANSAS CITY Every morning they are bathed, blown dry and bathed, blown dry and
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ished. Their tails are ished. Their tails are
teased. Conditioners and teased. Conditioners and oils are sprayed on
hair until it glistens.
hair until it glistens.
Ah, the pampered lives Ah, the pampered lives of show cattle at the American Royal Livestock Show. The cattle show features Brangus, Charolais, Hereford, Polled Hereford, Angus and Simmental cattle parading through the arena. The animals will be groomed according to the latest styles for each breed. The fashions usually are developed to mask faults or create an illusion. Sometimes, trends begin by accident when an exhibitor deviates from fashion in some manner and then wins the class, said Angus fitter Tony Weber of Dousman, Wis.
"If the successful people
' something different,
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-Cattle feeders are very pleased that the U.S. House of Representatives sided with the spirit of free trade when it voted to approve the North American Free Trade Agreement," said Les McNeill, president of the Texas Cattle Feeders Association.
Both the U.S. Senate and the Mexican Senate have since ratified the treaty.
Cattle feeders will feel an immediate benefi

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other people try to do the cess begins
same thing," he said.
This year's trend toward the natural look in some breeds reflects a desire to cut costs and to reduce the amount of work necessary
Ofore the show.
On Friday, cattle beauticians, called fitters, already were preparing for today's competition. They dressed in knee-high rubber boots and carried a comb or brush as they walked each animal 0 the wash area.
After a bath, each animal was blown dry. Long hairs were clipped off, and hair was cut short on the heads and bellies of Brangus, Charolais and Blonde d'Aquitaine cattle.
The type of breed and the number of animals each fitter must beautify determines how early the pro-
"If you show at 8 in the "If you show at 8 in the
morning, you start at 4, ," morning, yo
Angus fitters hav stopped teasing the hair on their animals ${ }^{\circ}$ tails into balls, Weber said.
"This year we're leaving "the tails natural," he said. "It's easier on the tail. To use all the stuff we used to, it gets expensive.
Fitters use spray adhesive and cattle mousse on each Angus to fluff out the hair and keep it in place. The adhesive is sticky but stays pliable. After the show, it is easily removed by spraying the animal with oil and washing it with soap and water, Weber said.
Hereford fitters also are changing the way they do

## Cattle feeders pleased with NAFTA passage

AMARILLO - Cattle can tariffs on U.S. beef feeders are reacting in very positive fashion to the recent passage of NAFTA.
can tariits on U.S. beet 1994. Last fall, Mexico unexpectedly imposed a 15 percent tariff on live slaughter cattle, a 20 percent tariff on chilled beef and a 25 percent tariff on frozen beef.
An existing 20 percent tariff on variety meats will be phased out over 10 years.
Prior to the tariffs, Mexico was one of the fastest-growing export markets for U.S. Beef," McNeill said. "Removing these tariffs means Mexico will likely resume that role as the country strives to improve the standard of living for its people. Growth in the beef business means more jobs in our region since more people will be needed to produce, process and export more beer.
Mexico currently is the third largest export market for U.S. beef, at $\$ 260$ million. It is expected to become a bilion doilar market by the year 2000.
in addition to helping establish North America establish North America as a major power in world trade, the NAFTA vote will help to break the logjam in GATT negotiations," McNeill said.

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the tail hair, said Debbie Westover of Ashby, Neb. "We don't pull them up and ball them anymore, because that's a major pain," she explained as she scrubbed a Hereford bull with a stiff brush. "We just fluff them up and spray them with adhesive.
The sticky spray is applied to the lower back legs, and the hair is pulled outward to make the legs look bigger. But Westover doesn't use adhesive on the rest of the body because it can make the hair brittle. Instead, she relies on Zoom Bloom, a type of spray hair conditioner. "You spray it on and blow them out," she said, "and it pops the hair out around the body."
Some fitters sand the
horns of the bulls to make
them shine, but Westover just cleans them off.
Grooming of Polled Herefords, which are hornless, is similar to the horned breed, said Ed Bible, senior vice president of the American Polled Hereford Association in Kansas City. Fitters pay special attention to the poll, or top, of the head, however.
"They straighten the hair and spray it to emphasize the horniess aspect, he said. "A polled head is more valuable over the long run because of the labor and cost of removing the homs before taking (cattle) to market.
Blonde d'Aquitaine fitters sometimes curl the hair at the top of a cow's head and spike the hair of a bull, said David Hauck of

Richardton, N.D. The light $\tan$ animals are clipped closely on the face and belly. Shoulder hair also is clipped, though not as short. The remaining hair is combed forward and sprayed flat. Hair on the top of the tail is pulled straight up and sprayed to give the hind end a square look. The hair on the poll of Charolais cattle is sprayed into a point, and the tails are balled up, said Ruth Ann Peters, a fitter from Fair Grove, Mo. Leaving the tails natural would be the same as a woman leaving her house with curlers still in her hair, Peters said. It would be like sending them off without being dressed," she said. "Everything we do to cattle is to show them to their best benefit."

## Corn growers mount effort to sell Clinton on ethanol

WASHINGTON, D.C. in the RFG program on a
WASHINGTON, D.C. months, the National Corn Growers will be mounting fforts to contact the Clin on Administration to strongly voice support for ethanol.
The months ahead are critical for the issue, corn producers believe, because the Environmental Protection Agency has until Dec. 15 to finalize ethanol's role in the Clean Air Act's Reformulated Gasoline program.
"There is no scientific or environmental reason why ethanol should not be allowed to fully participate

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corngrower and president orngrower and
"The Clinton Administration and particularly the EPA need to know corn growers fully support ethanol and that we expect it to receive the opportunity to fairly compete in the marketplace with other oxygenates."
Under current Clean Air Aet emissions standards during the summer ethanol cannot be blended into reforumulated gasoline without significant restric-

## vericles

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## 'Eat a clove a day,' garlic farmers say <br> up in June, pulling the But she said she was confi-

By HAROLD FABER
© '93 NY Times News Svc. BRUNSWICK, N.Y. Although Grace Reynolds does not like the taste of garlic, she eats a clove a day as a health measure. She minces it, puts it under her tongue and masks its taste by drinking milk with
For her two daughters, Kim, 12, and Karen, 10, she puts slivers of garlic in a gelatin capsule, which they swallow without tasting.
One of a rapidly increasing number of garlic farmers in New York State, Mrs. Reynolds believes the pungent bulb is not only a pungey-making crop but also a major contribution to the health of the nation. the health of the nation. Sitting in her open-air
drying shed sorting recendyy harvested bulbs by size
tly harvested bulbs by size,

Mrs. Reynolds said, " believe that if we sell more garlic and more people eat garlic, we will have more healthy people.
Since she started her daughters on garlic, she said, they have had fewer infections.
Mrs. Reynolds is one of about 250 small garlic growers in New York. This year, she harvested about 3,000 pounds on her Hillside Organic Farm here about seven miles east of Troy, where she devotes one acre to the crop.
Like most of the other garlic farmers in New York, Mrs. Reynolds is relatively new at it having started in 1988. A graduate of the University of Maine with a degree in animal sci nce, she cast around for home occupation after she
and her husband, Robert
moved here. Her husband works for General Electric in Waterford.
'I wanted to farm, but I wanted something different from the other farmers in the area," she said. "I looked for a specialty crop, something that could be grown in a small space, and I came across garlic. I wanted to make some money and also do something that would contribute to society.
For centuries, eating garlic has been said to preserve and restore health and even youth. More recently, scientific studies have cautiously indicated that garlic, a bulb that contains more than 200 different chemical compounds, can help counter many diseases, including cancer and heart problems.
Although its medicinal
value comes from being aten raw, most garlic sol in the United States is used in cooking. Large produc ers in California and growers in China supply most of the garlic consumed in the metropolitan area
By contrast, garlic is a minor crop in New York, so small that it is not even tabulated by the State Agricultural Statistics Service. For Mrs. Reynolds, garlic farming is a one-woman operation, although she occasionally hires part-time workers for weeding and sorting.

It's a labor-intensive crop," she said. "You have to handle each plant seven times."
She listed the steps separating the bulb into cloves, planting the cloves by hand in October, cutting the shoots when they come

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bulbs out of the ground at dent that she would make harvest time in July and money, and planned to August, hanging them to install a trickle irrigation dry, cutting the tops and system for the field. roots and finally grading the garlic by size
In addition, she said,
there is the marketing. She sells her crop by mail and at a small roadside kiosk, at $\$ 3.50$ a pound or 25 cents a bulb for the large size, about one-and-threequarters to two inches in diameter.
She saves one-third of her crop as seed for the following year and sells onethird. The remaining third is too small to sell, she said, and she donates it to the local food bank.
"I haven't made a profit yet," she said. "It has taken me longer than xpected and I successful as I had hoped, Like most other growers in the state, Mrs. Reynolds is a member of the Garlic Seed Foundation, based at the Rose Valley Farm in Rose, N.Y., about halfway between Rochester and Syracuse. Founded in 1985, the foundation has grown to about 700 members.
Another indication of the growth of interest in both garlic and its production is the rising attendance at a Hudson Valley garlic festival. The first festival, in 1989, drew about 100 people. Last year, more than 5,000 attended, said Patricia K. Reppert, the festival organizer. Ms. Reppert operates the Shale Hill Farm and Herb'Garden.


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## Thursday, December 9, 1993 - COUNTRY TRADER - <br> Once near extinction, longhorn cattle are back

By BARRY SCHLACHTER - 93 FW Star-Telogram

FORT WORTH - The longhom, herded by the thousands to northern markets in the Wild West days of Texas and then pushed to the brink of extinction early this century, is on the rebound.
While they may never again be the dominant cattle in the state, herds of the rangy, multicolored longhorms now dot the Texas landscape. In terms of sheer numbers, the longhorn hasn't been stronger since the last dogie straggled up the Goodnight/ Loving trail in the late 1800s.
Down to a mangy handful in 1927, purebred longhorns are now estimated at more than 200,000, the highest count since the late 1800s, calculated Darol Dickinson, who was reared in nearby Burleson, Texas. A prominent breeder, Dickinson said that his figure represented a 25 percent increase in a decade.
"It tells us if they weren't able to support themselves and be profitable, there would be a number deterioration," said ber deterioration, said
Dickinson, 50 , who owns Dickinson, 50, who owns the Badly Scattered Cattue Co. of Houston and the Cickinan, Colo.
The cattle, who were sent 10 million strong along trails to northern markets, helped rescue the post-
Civil War economy in TexCivil War economy in Tex-
as. Today, they might provide health-conscious Americans a source of lowcholesterol meat that breeders insist, with only slight Lone Star hyperbole, is leaner than skinless chicken breast.
Some cattle raisers still deride the longhom as a mongrel. Others extol it as a line rich in heritage and able to survive the harshest range conditions, merits that border on reverential. The longhom evolved in the wild from black Spanish cattle, first brought to the hemisphere by Columbus in 1493. Mixing with English breeds imparted the distinctive speckled color. By the 19th century, their of 5 feet and more. Millions roamed the land.
"When my family first came to Texas in 1822, they found the wild cattle here and have been raising "Jack" Phillips Jr, of the Battle Island Ranch near West Columbia.
At 85, Phillips still rides out on horseback to look out on horseback
over his 350 longhorns. over his 350 longhorns.
Natural selection gave traits to the breed, ranging traits to the brieed, ranging the harshest conditions, a resistance to disease, and a strong nurturing of its young, which are born small and without human assistance, to a remarkable fertility that has them dropping calves years longer Boleman, a Texas A\&M

University professor and cattle expert.
Longhorns were trailed to Louisiana as carly as 1763 and up to Missouri in 1846. They became "Texas gold" when destitute Civil War veterans saw nearly worthless cattle bringing wood money at the railhead in Abilene, Kan., J. Frank Dobie said. In his 1940 Dooie said. "The Longhorn," Dobie estimated that 10 Doillion went up the trails to feed the industrializing North between 1866 and 1888 . between 1866 and But
But demand collapsed, along with the price, from $\$ 25$ a head in 1884 to $\$ 6$ ("with calves throwed in") nine years later. It became clear that not everyone shared whe Texas affection for the longhorn.
Jimmy Stewart's 1966 lim Rare Breed," about the first Hereford brought to Texas, summed up the dislike by denouncing the longhorn as "milkless, neatiess and murderous." (All can be virtues, argued A\&M's Boleman. They turn murderous to protect calves from coyotes. And since twice the nutrients are needed to produce milk, longhorns can where fatter breeds ranges where fatter breeds would perish, he said.)
But Eastern markets demanded fat livestock. The leaner, tougher longhorn did not simply vanish, Dobie wrote, but it was bred with the Asian Brahma and English stock virtu-
ally out of existence. By 1919, the secretary of the Oklahoma Historical Society warned that the purebred longhom neared extinction. It took eight more years before Congress, urged by Wyoming Sen. John B. Kendrick, a former Texas cattleman, voted $\$ 3,000$ to rescue the longhorn.
To try to save the breed, the U.S. Forest Service sent two men to look over 50,000 head, then settled on just three bulls and 20 cows to ship via Fort Worth to what is now the Wichita Mountain Wildlife Refuge near Lawion, Okla.
"They claimed they could not find more," said Gene Bartnicki, a former refuge biologist who now runs longhorn in Aquilla, Texas, near Waco.
Unfortunately, one bull tumed out to be more Brahma, one didn't produce and the other died, he said.
The bull that saved the The bull that saved the longhorn, and came to be known as No. 83 , was finally located in Monterrey, Mexico, Bartnicki said.
Without him, I don't think there would have been a breed," he said. Once despised beyond Texas borders, longhorns are now found in New England, Canada, Poland and the Zealand and Australia, importing them for easy calving, have more than 125 purebred and 12,000 crossbred, said Charlene Semkin of Prescott. Ariz.

He has exported longhorn on the hoof, via semen straws in dry ice and frozen embryos, since 1989.
By then, the "smoke and mirrors" market manipulation and hucksterism that led to claims of $\$ 2.5$ million-plus prices for prized bulls durine the mid-1980s oil boom had vanished with the oil bust, "Texas Longhorn Journal" editor/Publisher Charles D. Searle said. Lower prices allowed start-up ranchers to get into the breed, and numbers have grown.
A small premium is being paid on longhorn calves as rodeo stock, but many auction buyers still discount part-longhorn calves for the beef market. They fear that the meat produced would be too tough, conventional wisdom longhorn that breeders hotly dispute.
Nonetheless, ranchers say that the purebred market has improved in recent years. Recent sales in Houston and Fort Worth fetched an average price of $\$ 2,000$, which ranchers consider healthy, for longhorn bulls, cows and pairs. Ranchers behind the the longhorn is speckled: weekend hobby ranchers, weckend hobby ranchers, hide-and-horn producers, owners of federal refugedescended cattle, lean beef producers, roping calt breeders, "traditionalists"
who didn't want the breed who didn't want the breed tampered
described
with, and self."
progressive"
ranchers keen on developing a bigger, meatier steer for market.
And it's not always a happy mix.
"There's a rift there," said Dickinson, a "progressaid." Dickinson, a progres sive who breeds big for the beef and who has no time for nostalgia ranchers. in Teres are wealithy people in Texas whose goal is to raise longhom catue like goidfish: a pasture fall of hnem, throw out the feed, and clican out the bowl. They just want to tell someone at the Petroleum Club

Others, like Bartnicki, who calls himself "more of a traditionalist," warn that developing bigger beef cattle will breed out the longhom's best traits.
"They are going to have trouble, trouble and trouble - trouble in calving ease trouble in reproduction and loss of disease resistance,' Bartnicki said.

Three years ago, dissident minorities felt so strongly that they bolted the main ranchers' group. the Texas Longhorn Breeders Association of America. Dickinson's "progres. sives" formed the International Texas Longhorn Breeders, while hard-shell "traditionalists" set up the Cattemen's Texas up the horn Registry requires hoth and a visual appraisal to confirm breed conformity.


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## Farm-specific driver license

The Texas- Department of Public Safety has proposed regulations to create a Farm-Related Service Industry Vomerdial Driver's License (FRSI LDL).
DPS Inspector John Hall of Austin says implemenstation of the new regulation will go in effect after Jan.

1. "We've completed the work with the Texas Register without any public comments. Therefore, there will be no public hearings," Hall said.
The DPS inspector says training materials regarding the new CDL law are being distributed to DPS offices statewide to instruct offices statewide the instruct personnel on the
ment of the law.
ment of the law.
"The CDL is different from the usual commercial from the usual commercial
driver's license and is very restricted," Hall pointed out.
"seasonal drivers" such as (a) farm retail outlets and suppliers (b) agri-chemical businesses; (c) custom harvesters (including cotton module operators), and, (d) livestock feeders Key items contained in the CDL statute are as follows:
A farmer and his farm hands are exempt from obtaining (the normal) commercial driver' license, which requires a lengthy written exam.
A person who purchases a crop in the field but takes no part in the cultivating of the product is not exempt the A person who porch A person who purch lases acres of growing timber and cultivates and harvests the timber is exempt.
"The exemption applies only when used to transport agricultural products, farm machinery or farm supplies to or from the farm and which is not
used in operations of common or contract carrier," Hall quoted from the Texas Register.

Moreover, the transportation of ag goods must occur within 150 miles of a given farm.
Hall explains that Class B and Class C are the only vehicles that may obtain vehicles that may
"Class B (CDL) applicants must pass the 20 question Class A-B rules test and non-CDL skills test in a class B vehicle," Hall notes.
Applicants who hold a valid Class A or B nonCDL or one that has not been expired over two years do not have to pass the 20 -question written test, he adds.
Moreover, Class C FRSI CDL applicants do not have to pass ankh type of knowledge of skills test if they already hold a valid or renewable Class C Texas

## Some U.S. farm exports expected to drop in 1994

By Robert greene AP Farm Writer
WASHINGTON (AP) Exporters of com and other coarse grains, soybeans and wheat face grim prospects in 1994, while the year holds out hope for exporters of meat, milk products, fruits and vegetables, the Agricultore Department says.
A report issued Tuesday projected farm exports at $\$ 42.5$ billion in the fiscal year that started Oct. 1, no change from the previous year.
But exports of coarse grains, soybeans and wheat will decline $\$ 800$ million in value because of smaller demand, higher U.S. prices and increased competition, the report said.
What's worse, it said, the volume of so-called bulk exports will drop to 94 million tons. That's 15 percent below fiscal 1993's level of 110.5 million tons and the lowest volume since 1986, when a sharp drop in exports when a sharp drop in exports U.S. agriculture.

Bulk exports hit a record in 1981, when the combined value of shipments to China, Eastern Europe and the Soviet Union totaled more than $\$ 5.5$ billion, compared with $\$ 2.5$ billion in 1993.
If it weren't for increased exports of rice to Japan and cotton to Mexico along with other countries, the picture for bulk commodities could be even worse.
Because of the drop in bulk commodities, the overall volume of exports is projected at 130 million tons. jected at 130 million tons, 1993.

But increased exports of so-called high-value products will keep the value of exports from slipping. "Another record year is expected for
U.S. livestock, dairy and U.S. livestock, dairy and poultry product exports, with export value forecast at $\$ 8.5$ billion," Eugene Moos, undersecretary of agriculture for international affairs and commodity programs, told an outlook forum Tuesday.

Those sales reflect greater demand for beef, pork and variety meats in such coontries as Japan, South Korea and Mexico, he said.
Another high-value category, horticultural products, is looking up. That term refers
vatives such as juices. Sales to fruits, vegetables and deriof those products are also in for a record, up $\$ 300$ million from 1993 to reach $\$ 7.5$ bibllion in 1994 because of exports to Canada, Europe and Japan.

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license and meet the good driving requirement, Hall points out.
Those applicants wit license applicants without license will have to pass the requirements as for original applicants and meet the good driving requirements.

The "good driving license ${ }^{\text {" }}$ requirements simply refer to (a) no multiple licenses; (b) no suspensions, revocations or disqualifications; and (c) no conviction of driving under the influence of alcohol or drugs, leaving the

> New editor named for TFB magazine
WACO - Mike Barnett has been named editor for Texas Neighbors and Texas Texas Neighbors and Texas Agricul-
tore, the
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his present position, Barnett was assistant editor since June 1987.

Barnett was born in Freeport and graduated from Brazoswood High

School. He received a bachelor of science degree in agricultural journalism from Texas A\&M Universty in 1977.
He has been involved in Texas agriculture most of his career, having served as editor of the Nocona News and writer for the Appaloose Racing Record in Nacona. He served as news/ad coordinator for Texas Farm \& Ranch News in San Antonic, rising through the ranks to general manager and then publisher. In 1985 he became editor and publisher of Texas Livestock Review and later served as managing editor of the Mathis News in Mathis.
scene of an accident, or committing any felony involving a motor vehicle. Also, a driver must have no convictions for serious traffic violations such as speeding 15 miles per hour hove the speed limit reckless driving, improper erratic lane changes or following too closely.
The driver must have no record of accident-related violations.
A major restriction of he farm-related CDL is a 180-day limit, Hall notes. "Applicants must indicate the seasonal period he will operate and will be limited to 180 days," Hall states. "A driver will be required to revalidate the license each season."
The validity period cannot exceed 180 days with the minimum period being 30 days, he says. Cost of the CDL is $\$ 40$ the same as the unrestricted CDR.
Revalidation of the CDL will be $\$ 10$ per season. (Story compiled by Texas Agriculture, the monthly publication of the Texas Farm Bureau).


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