

WEST TEXAS Country Trader

The West Texas Country Trader is a Supplement of:

Abernathy
Weekly Review
The Canyon News

The Castro County News
The Clarendon News

The Lorenzo
SENIOR
HEREFORD BRAND

Plainview Daily Herald
Ralls Reporter-News

Thursday, July 28, 1994

The Slatonite
The Tulia Herald

Eye on Quitaque

Leisure time profile...



Circle Dot's Gregg Taylor.

By GORDON ZEIGLER

AgReview Writer

QUITAQUE — The breathtaking beauty of the rugged Caprock region and friendliness of townfolk operating shops and businesses dotting the countryside continue to boost Quitaque's new-found reputation as a West Texas tourist mecca.

AgReview

Those choosing to stopover at nearby scenic Caprock Canyons State Park or attend some of the many tourist events scheduled through the year have discovered that the spirit of the Old West and country hospitality is still alive



Gregg Taylor points out scenery to visitors Lee and Pearl Tapp.

See Quitaque, Page 4

Circle Dot a scenic spot

Photos capture the experience of a chuckwagon supper at the Circle Dot Ranch near Quitaque.



Small cowpoke, left, and hayriders (above) get an authentic ranch experience.

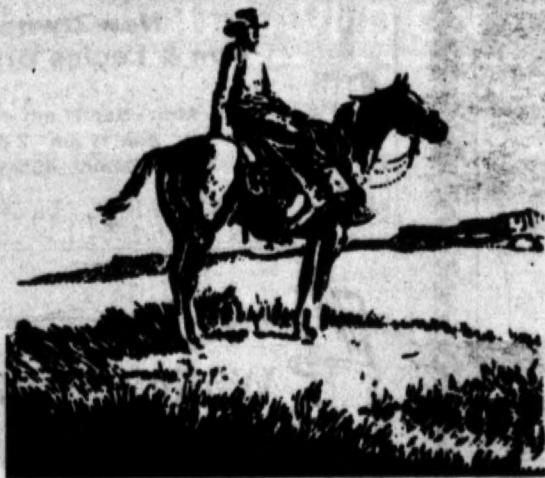


Taylor cooks memorable meal on rim of the Caprock.

Photos By Robert W. Parvin, Freelance Photographer

CIRCLE DOT

Caprock
Adventure



Caprock
Adventure

Experience our brand of excitement

A Comanchero Breakfast or a Chuck wagon Supper await you May through October. This Caprock Adventure is available by reservation only with a combined total of twenty or more persons required for each tour.

Dine with us 'neath the "grape" type arbor, enjoy a meal prepared over a mesquite fire, mingled with the smell of the cedar and the sage, and take in the picturesque view of historical landmarks.

Come casual and comfortable.

Time of meals vary with the time of year. Some mornings and evenings a light jacket would feel good.

Call about Motorized Tours of Caprock Canyon Park Featuring The Clarity Tunnel.

Taking Reservations For Chuck Wagon Supper August 6th

CIRCLE DOT RANCH

Contact Joe & Virginia Taylor
806-983-3639

HCR 3, Box 43

Lockney, Tx 79241

QUITAQUE QUAIL LODGE



Capture...
a special
moment

...Create
a lasting
memory

Bed & Breakfast

Enjoy the comfort of staying in a Lovely, Pictureque Country Style Ranch House on 36 acres at the base of the Caprock. Guests are accommodated in seven lovely guest rooms with king, queen, or twin beds.

- Full Country Breakfast
- Hiking Trails
- Swimming Pool
- Tennis Courts

Gourmet lunch, retreats, candlelight dinners, dinner parties, and special occasions for 16 or more by reservation only.

RATES*

(INCLUDES HOME COOKED COUNTRY BREAKFAST)

View of the Valley	King (Privated Veranda, upstairs)	\$69.00/plus tax
Peaches N' Cream	Queen (First Floor)	\$59.00/plus tax
Adams' Blue	Queen (First floor)	\$59.00/plus tax
Meta's Darlin'	Twins (Lower Level)	\$59.00/plus tax
Lacy Suite	Queen and (private veranda)	
	Two Twin Beds (upstairs)	\$119.00/plus tax
Guss' Gastehaus	Queen (Carriage House)	\$59.00/plus tax

*Rates are subject to change without notice.

Your hosts, Vinita & Guss Hrncir
U.S. Highway 86 (806) 455-1261
"The Best Kept Secret on the South Plains."

A&M gauges effects of heat stress on corn

Special to AgReview

AMARILLO — Record high temperatures and below normal rainfall has caused severe stress on much of the corn in the Texas Panhandle.

Due to the stress placed on corn throughout the month of June, we can expect plants to be shorter than normal. This shortness in height, in itself, will not necessarily mean a reduction in yield.

However, as stress occurs during the late

vegetative stage (two weeks prior to tassel emergence) yield may be reduced due to fewer potential number of kernels per ear row being developed.

Stress also tends to speed up the maturing process of the plant; thus, tasseling and silking may occur earlier than expected.

When stress occurs during tasseling and silking, a higher rate of kernel abortion may take place because the differentiation process

of reproductive parts is occurring at a faster than normal rate. Under severe stress conditions silking may be delayed until after much of the pollen has been shed leading to barren stalks and poorly filled ears.

Temperatures above

95 degrees during pollen shed can cause pollen sterility. The likelihood of this occurring is greater with increased temperatures above 95 degrees when coupled with moisture stress. The high temperatures along with high

winds and low relative humidity is causing the water use of the corn to be extremely high.

At Bushland, corn has been using as much as

0.5 inches/A of water per day. A table accompanying this article gives an estimate of potential yield loss for corn for every day of stress.

yield reduction per day of stress

Growth Stage	% Yield Reduction
Late vegetative	2
Flowering	6-8
Ear filling	4-7

Table 3. Estimated Percent Corn Yield Loss Due to Defoliation Occurring at Various Stages of Growth.

Stage of Growth	Percent Leaf Area Destroyed																		
	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
7 Leaf	0	0	0	0	0	0	1	1	2	3	4	5	6	7	8	9	9	9	9
8 Leaf	0	0	0	0	0	1	1	2	3	4	5	6	7	8	9	10	11	12	13
9 Leaf	0	0	0	1	1	2	2	3	4	5	6	7	8	9	10	11	12	13	14
10 Leaf	0	0	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
11 Leaf	0	0	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
12 Leaf	0	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
13 Leaf	0	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
14 Leaf	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
15 Leaf	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
16 Leaf	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
17 Leaf	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
18 Leaf	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
19-21 Leaf	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Tassel	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37	39
Silks	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37	39
Silks Brown	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38
Pre-Blister	2	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37
Blister	2	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37
Early Milk	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Milk	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Late Milk	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Soft Dough	1	1	2	2	4	4	6	6	8	8	10	10	12	12	14	14	16	16	18
Early Dent	0	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9
Dent	0	0	0	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9
Late Dent	0	0	0	0	1	2	2	3	3	4	4	5	5	6	6	7	7	8	9
Nearly Mature	0	0	0	0	0	0	0	0	1	2	2	3	3	4	4	5	5	6	6
Mature	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Reprinted by permission from the National Crop Insurance Service's "Corn Loss Instructions" (Rev. 1984)

Farmers call for end to ag subsidy

COGGON, Iowa — Few people get a better deal from the government than farmers, big-city politicians often complain. Growers of the biggest crops can collect checks from the taxpayers for producing nothing at all. And farmers who produce too much can sell the excess to Washington rather than eat a big loss.

SOLD!
COUNTRY TRADER
CLASSIFIEDS

Karol's Country Corner
Gifts & Antiques
Stop By While Visiting
Quitauque
Coke Corner
New Merchandise Daily
400 Main 455-1174

TWO BEDROOM furnished mobile home at Lake Mackenzie. \$6,000. Call (806)-296-7513.

COTTLE COUNTY TEXAS 1115 acre irrigated farm. \$360 acre. Call John Kirchhoff, broker. Plainview, Texas (806)293-7542.

\$1200 down and \$242 per month on this 1994 model 16X80, three bedroom, two bath Clayton. "Free delivery and set up" Bell Mobile Homes 806-894-7212. 5% down "11.50 APR" 240 months.

New double wide three bedroom, two bath. Only \$254.91 per month. Free delivery and set up. Call Bell Mobile Homes 806-894-7212. "Drive a little, save a lot" 10% down, "10.75 APR" 240 months.

IF YOU ARE PAYING too much for cable TV, don't have service available or have poor picture and are dissatisfied, I can help! Call Marcie at 1(800)327-0038.

Mobile Home Spaces For Rent. 293-3748.

Visit Quitauque
Home Of The Beautiful
Caprock Canyons
First National Bank, Quitauque

J&K INSURANCE AGENCY
Life • Auto
Crops
Hospitalization
Homeowners
Churches
Commercial
Three Locations To Serve You
455-1100 • 44 Main, Quitauque
652-3386 • 620 S. Main, Lockney
983-3284 • 121 W. California, Floydada

Welcome To
Quitauque
Home of Caprock Canyon State Park and Caprock Canyon Trailways
Fall Foliage Tour Sat., Oct., 15
Quitauque Chamber Commerce
For More Information Call: 455-1700

Caprock Cafe
Quitauque Texas
Daily Buffet 11-2
Wednesday Night • Pizza Buffet 5-9
Friday Night • Catfish Plate
Saturday Night • Mexican Buffet 5-9
Good Home Cookin
Garden Fresh Salad Bar
New Owners
Don & Louise Brummett
Mon - Sat 11 am - 10 pm
Sun 11 am - 2 pm
210 Main 455-1429

While In Quitauque Visit
Sportsman Restaurant
Friday Night Fajitas (Beef Or Chicken)
Saturday Night Bar-B-Que Ribs
• Daily Buffet •
• Open For Breakfast •
• Private Club •
Roye Pigg
Owner
204 Main 455-1200

Anchor Marine INC.
BANK RATE FINANCING
BOATS (New & Used)
• Bayliner • Astro • Shasta • Starcraft • Ebbtide • Cobra •
• Buccaneer Deck Boats • Merish • Galaxie Deck Boats •
• Bass Boats • Cruisers • Ski Boats • Deck Boats • 2-Man Fishing Boats •
MOTORS
• Outboards • Inboard-Outboard •
• Evinrude • Mercury • Merc Cruiser •
• Force • OMC •
ACCESSORIES & TACKLE
• Rods & Reels • Boat Parts & Accessories •
• Fishing Supplies • Water Skis & Equipment •
• Trout Fishing Department • Trailers •
PONTOON BOATS
353-9511
4217 CANYON DR. • E-WAY & GEORGIA • OPEN 8-6 MONDAY-SATURDAY

Ag Comm

Tech Ag/Comm degree trains journalists to speak and write to the farm & ranch audience

By WENDY WALTON
AgReview Writer

LUBBOCK — Major work shaped the exterior of the Tech Agricultural Education and Communication building in 1994. But even bigger changes revamped the ag communications curriculum inside.

Dr. Paul Vaughn, chairman of the department of agricultural education and communications compiled the following curriculum information based on the catalogs during the past years. Agricultural communications (ag comm) has been a part of the agricultural education (ag ed) department since 1973 at Texas Tech. In the beginning, students followed the same curriculum as the ag ed students with an addition of 29 hours from the mass communication (mass communication) department.

In 1975, some changes took place in the curriculum by adding an additional six hours of mass comm classes to the program. Ag comm changed from an option to a specialization in 1982, and the courses taken in the mass communications department increased to 45 hours.

Six hours of ag comm were added and the mass comm courses were reduced to 39 hours. Internship hours became available for credit.

The final changes in the curriculum took place in 1987, by adding 12

hours of ag comm classes, and reducing mass comm to 21 hours. Ag comm is currently a degree in the ag ed department at Texas Tech.

Dr. Robert Terry Jr., assistant professor and ag comm adviser, is conducting a research project, with graduate assistant, Frankie Evans handling all the research and development of the project, "Enhancing and Evaluating the national Agriculture Communications Curriculum." The study is funded by a grant from the United States Department of Agriculture.

"As comm has undergone changes for the last 20 years. The current curriculum in the ag comm department is being analyzed and studied to determine if ag comm graduates are ready for the work force," Evans explained.

Evans conducted an intense survey and review of literature of various ag comm programs across the nation throughout the fall and spring semesters. Eighty professors in the field of ag comm were selected from 70 organizational directories.

The surveys were distributed to 12 executive members of Agricultural Communicators of Tomorrow, Livestock Publications Council, American Agricultural Editor's Association, National Association of Farm Broadcasters, National Association of Farm Broadcasters,

Agricultural Relations Council and Cooperative Communicator Association.

Evans also commented the object of the survey was to ask employers in the field of ag comm courses to evaluate the current curriculum. The survey consisted of three rounds, the panel members participating in the surveys were asked to rate the class curriculum listed. The round three results were used as an instrument to assure the areas selected to be included in the curriculum reflect the intent of the group.

Evans also requested catalogs or curriculum guides from across the nations from various ag comm and ag journalism programs. The materials will be used to update the curriculum guides as part of the USDA research grant.

California Polytechnical Institute located at San Luis Obispo, Calif. also is involved in the research. Dr. Scott Vernon and Meredith Reahrman are conducting research as part of the curriculum improvement programs.

The Livestock Publications Council held a national conference July 27-30. Texas Tech and Cal Poly presented the results of the study.

"Both Texas Tech and Cal Poly are paving the way for a national ag curriculum base," Evans explained.



AG-SPECIFIC CURRICULUM — Cindy Buckner (left), Texas Tech Ag Education major from Chico, visits with Allyson Brunson, ag communications major from Littlefield. Both have received training in ag journalism through a new Tech degree.

M.R.L.

TO THE RESCUE!

1st & Pierce 1st & Fillmore

WHAT HAVE YOU SAVED ON TODAY?

AT THE DOOR STORE

<p>32 X 80 6 Panel Metal Pre-Hung Doors \$90⁰⁰</p>		<p>36 X 80 6 Panel Metal Pre-Hung Doors \$90⁰⁰</p>
--	--	--

<p>10 Foot Patio Door Unit \$675⁰⁰</p>	<p>30 Inch Mirror Bifold Doors \$49⁰⁰</p>	<p>36 Inch Mirror Bifold Doors \$59⁰⁰</p>
--	---	---

28x80 Interior Mobil Home Doors.....\$6.00
28x80 Interior Mobil Home Doors.....\$7.00
Mobil Home Interior Lock Sets.....\$2.50

Open Mon.-Fri., 9:00A.M. - 5:30P.M. Sat., 9:00A.M. - 5:00P.M.

Merchandise Recyclers Liquidators Shop at all 3 Locations & Save!

98	Fillmore Kitchen & Bath	373-6662 • Amarillo
99	Fillmore Door Store	374-6662 • Amarillo
100	Pierce Main Store	372-6662 • Amarillo

LARGE BILLBOARDS available on I-27 at Tulla and Hale Center. Also Lakeside near I-40 in Amarillo. Canyon Outdoor, 806-655-7121 or 655-1373.

Good used satellite systems, starting at just \$499.00. 1-800-299-1518.

Childers Bros. Complete House Leveling. Oldest name in the business. Deal with a professional the first time. 352-9563, 800-299-9563.

Share your message with 20,000-motorists daily - large billboard on I-27 near Hale Center, both directions, \$275 month. 655-7121 or 655-1373 after 6 p.m.

1994 16' fish and ski boat, 70 h.p. Electric trolling motor, complete fish and ski pkg. Boat, motor and trailer, \$8,495. Anchor Marine, 4217 Canyon Dr. Amarillo, 353-9511.

1993 6x16 Gooseneck, used \$2,850; 1994 6x14 w/dr. new \$3,875; 6x16 gooseneck, new \$3,275. Friskup Trailer Sales. 655-3341.

1984 Chevrolet Camaro V-8, call after 3 p.m. Sunday, Mon-Wed. Call after 6 p.m. 655-9635.

1970 Chevrolet Pickup, 350 auto, PS, PB, \$3,000.00. 655-4677.

1990 Jeep Cherokee 6 cylinder-in-line engine, excellent condition. \$7,500. 655-3154 or 655-3951 ask for Nancy

1991 GMC Extended Cab Pickup, 5 speed, loaded, one owner, nice truck, 655-3341, \$10,000.



"Lose the husband and you can increase the value of your home by 60 percent."

Extra clean 1985 Ford, F-150 XLT, LWB, 302 Auto, O-drive, almost all option. Excellent condition, \$4,250/OBO. 9 to 5, 806-655-9791. After 6pm, 806-355-3943.

87 Jeep Grand Wagoneer, fully loaded, leather interior, excellent condition, \$7,000. 655-0567.

For Sale:
Good rent property near University Campus, Canyon. Please no calls after 8 p.m. 806-655-2276.

Saturday Night Jamboree

(806) 488-2265

FARM RISKS..
..We understand them....

HAIL Insurance
Free, Fast Estimates, all areas

-Melania Mason-
MASON CROP INSURANCE
Wildorado, TX
426-3587

1994 CLOSE OUT SALE
YALL COME

FAMILY CAMPING CENTER

14010
CANYON DRIVE
(Across from Ron Clark Ford)
(806) 622-0441
1-800-658-6641

Do you owe the IRS

Will they settle for less? YES

Call **FEDERAL TAX CONSULTANTS**

354-2222

Free consultation
3505 Olsen Blvd.

F.T.C.
Federal Tax Consultants

Michael J. Brown

Suite 217
Amarillo, TX.

QUITAQUE, Pg 1

here. Caprock Canyons State Park features overnight camping — both in primitive tent sights or at fully-equipped RV hookup areas — all affording an up close view of many types of wildlife including mule deer and Aoudad sheep that inhabit the state park offers nature trails and a good sized fishing hole, Lake Theo, which is stocked with crappie, black bass, catfish and perch.

The campsites area available by reservation or on a first-come, first served basis.

Newest attraction to draw tourists here is the Caprock Canyons

State Trailway, first opened in 1993.

The Trailway begins near South Plains in Floyd County and winds 21 miles to the state park over the original route of the abandoned Fort Worth and Denver Railroad roadbed.

The trailway is open for hiking, biking or horse riding. And, there is also a guided tour on motorized vans.

A motorized tour of either two or four hours duration is operated by Joe and Virginia Taylor. Their van whisks visitors along the scenic route with a stop at historic Clarity Tunnel.

Hewn through a caprock embankment when the former rail

line was first built, Clarity Tunnel is one of only two such railroad tunnels still in existence in the Lone Star State.

A little known attraction at the tunnel, and whose popularity is growing, is a nightly flight of bats exiting the tunnel about 9 p.m. each evening. To date, only the traveler willing to hike the two and one-half mile route to the mouth of the cave at dusk has witnessed the event.

Quitaque area events for tourists to the area has mushroomed over the past year or two.

The Circle Dot Ranch, operated by Joe and Virginia Taylor and family, holds regu-

lar Chuckwagon suppers along the rim of the Caprock. It also schedules Comanchero breakfasts on its ranch. The events are held in the months of May through October.

Information about the reservations for the Circle Dot meals or the motorized tours of the state trailway are available by calling Virginia Taylor at 983-3639.

Numerous establishments are now catering to travelers desiring to stay over for a night or longer.

Big C RV Park has opened in the northern part of the city along the route leading to Caprock Canyons State Park.

The historic Hotel

Turkey located 20 miles east of Quitaque in the town of Turkey, features lodging in a restored, 1927-era setting. The hotel bills itself as a bed and breakfast retreat and conference center. It offers RV hookups along with stables and barnyard animals for the kids.

Three bed and breakfast establishments in the immediate area are also catering to Quitaque-bound travelers:

Dale and Dona Smith Bed and Breakfast is located four miles west and two miles south of Quitaque on the banks of Los Lingos Creek.

Quitaque Quail Lodge, owned by Gus

and Vinita Hrcncir, is located three and one-half miles west of Quitaque on Texas 86.

The Rails to Trails Sports and Hunting Lodges, owned by Lee and Pearl Tapp, is located in town. It was originally opened as the Quitaque Hotel in 1930s and has recently been restored and rebuilt. It is one half block south of caution light on main street.

Recurring events around Quitaque include:

National Trails Day is held each first weekend in June, spotlighting the area's western heritage and focusing on the Caprock Canyons Trailway. This year the first annual combined bicycle race, featuring 40, 18, and six-mile races was initiated and will become an annual event.

Soon the community will announce its second annual Fall Foliage tour, highlighting the beauty of turning leaves along the state trailway as well as Los Lingos and Quitaque creeks.

A special Christmas event, the Caprock Country Christmas, is held each fall and features a display of arts and crafts at booths around the city for Christmas gift giving.

Caprock Canyons Cafe, a longtime city eating establishment, is owned by Dona and Louise Brummett, features country cooking and general menu items.

Sportsman Cafe, owned Roye Pigg, is known for its offering of Texas-sized hamburgers, chicken fried steak and a regular Friday night fajita feast.

A unique giftshop, called Karol's Kountry Korner, has been opened in the former location of an old filling station and former longtime city grocery. Opened in 1989, it is owned by Karol Pigg, granddaughter of original owner J. D. Blankenship.

The city also boasts an authentic variety store, still operated in the manner of similar firms which sprung up across the country in the 1930s and 1940s. Farley's Flowers and Variety continues operation much like its predecessors which have since vanished.

Another Advertiser is ...
Sold on Country Trader!

July 21, 1994

Rollie Hyde, Publisher
The Plainview Daily Herald
PO Box 1240
Plainview, Texas 79072

Dear Rollie:

I just want to tell you how satisfied we are with advertising response in the **West Texas Country Trader**.

We sell a high protein, long season grass for cattle feeding to be grown under center pivots. It's a specialized product, not skateboards. We're selling an ag product, one that farmers and ranchers are interested in. And we firmly believe that the **Country Trader** was the right choice.

Your readership area has the components that make it work — you've got lot of cattlemen and a lot of center pivot irrigation. And, if you want to reach farmers and ranchers in the Texas Panhandle area, the **Country Trader** is the place to do it.

Following our first advertisement on Thursday, Jan. 27, in which we introduced Easy Drill Matua Brome Grass to cattlemen in the Texas Panhandle/ Eastern New Mexico area, we noticed an immediate response, one that helped us get a foothold and some good attention in your area. In fact, it was tremendous.

I want to give **Country Trader** the credit, just to say you get the right information to the right people. A number of your readers have tried Matua and have had excellent results in an area stretching from Stratford south to Bovina, Tulla, Plainview and Abernathy.

Now we know, no one covers Texas Panhandle agriculture like the **West Texas Country Trader!**

Sincerely yours,

Keith Carmichael

Keith Carmichael
Cutting Edge Ag Products, Lowry City, Mo.



75 COMMERCIAL PROPERTY

2400 Sq. ft. office building, 7 offices, recreation area, 2 rest rooms, coffee area. Call Kirchoff Real Estate, 293-7542.

Commercial Building, 2760 Sq. ft. with two lots, one bathroom and storage area. \$35,000. In good shape. Dodson Agency, 293-4269.

55 FRUIT VEG & PRODUCE

Available: Sweet corn, squash, cucumbers. Peas and beans later in week. Seven miles west on 194. 864-3641.

90 CONCRETE

Concrete work: Sidewalks, patios, porches, stairs, driveways. 11 years experience. Good price. 296-6814. Free Estimates.

Mac computers to get upgrade, though not a major one

System 7.5 on way for Macs

By PETER H. LEWIS
c.1994 N.Y. Times

Last week in this space we learned about the forthcoming Microsoft Windows 4.0 operating system, code-named Chicago.

This week we can preview Apple Computer's next Macintosh operating system update, System 7.5, expected to be released in September.

Chicago is the Windy City, a toddlin' town, hog-butcher to the world. If Apple's System 7.5 were a city, it would probably be New Orleans, the Big Easy. It has approximately 50 new features that make the Macintosh even easier to use. New Orleans also conjures images of jazz and gumbo and just a hint of mystery. There is all of that in System 7.5, too.

Astute software-watchers will recognize that while Microsoft's next version of Windows

makes an integer leap from 3.X to 4.0, implying a major upgrade, System 7.5 is just a few steps up from the current System 7.2.

"This isn't the Big One," noted Bob LeVitus, author of "Macintosh System 7.5 for Dummies," scheduled for release at the same time as the software. The Big One is expected to be System 8.0, which will not appear until later next year. Meanwhile, version 7.5 has more than enough goodies to warrant an interim switch.

The Macintosh has long been acknowledged as the easiest of the major personal computers to learn to use and operate. But even experienced Mac users spend some time scratching their heads over cryptic error messages and balky commands.

One of the most noticeable improvements in System 7.5 is called active assistance. Apple's previous attempt at online assistance, called Balloon help, was about as helpful as an aneurysm. The new system provides step-by-step guidance through the most common operations, with

visual pointers on screen to minimize the chance of making a mistake.

The active assistance system can go beyond basic Macintosh operations. A maker of a Macintosh word processing program might use it, for example, to guide the user through inserting a chart into a document. Microsoft uses a similar technique, called Wizards, in some of its Windows applications, but Apple now does it better on both the operating system and application levels.

Similarly, Apple has improved on drag-and-drop editing, which some Windows users enjoy. In the System 7.5 scheme, text or graphics from one program can be highlighted and dragged not just to another place in the document, but into other applications or even onto the back-

ground screen for retrieval later.

The catch is that the user's software must be retrofitted to take advantage of the new abilities, which probably means calling the software maker and waiting for a patch, or, in many cases, waiting until the next software upgrade.

The Macintosh was the first popular computer to use windows and mice and pull-down menus, and System 7.5 improves on them. Menus are "hierarchical," meaning that it is faster and easier to find features and documents that are buried deep in the Mac's file structure.

Windows can be rolled up into the title bar, like window shades, when they block the view of underlying items on screen.

For those of us whose hard disks are as messy as our desks, the new Find File feature is a godsend. The old Macintosh Find command was practically worthless for someone who had lost a text file within a 500-megabyte hard disk. The new system is lightning fast and

easy to use.

Apple has tuned System 7.5 to work better with DOS and Windows files, even if the user has not loaded the actual DOS or Windows applications on the Mac.

System 7.5's Powertalk feature is essentially a command center for coordinating all sources of communications, including electronic mail, online services, faxes and voice mail.

VEHICLES

MUST SELL! '92 Mitsubishi Galant, four-door, automatic transmission, air conditioning, power door locks, power windows, tilt steering, cruise control, AM/FM stereo cassette, rear window defroster, tachometer and much more. No old contract to assume, no back payments to make. Just need responsible party to make reasonable monthly payments. Call Dave King in the Credit Dept., Friona Motors, 806/247-2701. 15-1tc/ccn

MUST SELL! 1994 Ford Tempo, power windows, power door locks, power mirrors, power driver's seat, tilt steering, cruise control, AM/FM cassette stereo, with automatic transmission. No old contract to assume, no back payments to make. Just need responsible party to make reasonable monthly payments. Call Dave King in the Credit Dept., Friona Motors, 806/247-2701. 15-1tc/ccn

VEHICLES

MUST SELL! 1993 Crown Victoria LX, four-door, power windows, power door locks, tilt steering wheel, cruise control, power driver's seat, AM/FM stereo cassette, low miles and much more. No old contract to assume, no back payments to make. Just need responsible party to make reasonable monthly payments. Call John Baxter in the Credit Dept., Friona Motors, 806-247-2701. 15-1tc/ccn

MUST SELL! '93 Chevrolet Cavalier RS, four-door, automatic transmission, air conditioning, AM/FM stereo, and much more. No old contract to assume, no back payments to make. Just need responsible party to make reasonable monthly payments. Call Doug Hulderman in the Credit Dept., Friona Motors, 806/247-2701. 15-1tc/ccn

FOR SALE
1992 Ford Ranger XLT - Blue with cloth interior - 5 speed - air conditioner - AM-FM Cassette, Alloy Wheels, 28,000 miles. Reduced to \$8900. Call 915-263-0806 after 5:30 p.m.

FOR SALE: 2-Paddle Dikers. 20' & 40'; and steel ocean shipping containers. Adams Farm Equipment. Lubbock (806) 762-2510.

FOR SALE: 1982 Road Ranger, 28 ft., clean, ready for road; 1972 Starcraft pop-up, must see to appreciate. Call (806) 795-3101.

SINGER • KENMORE • WHITE • PFAFF • NECCHI • ELNA • VIKING • BERNINA • MONTGOMERY WARD

ONE DAY SERVICE \$24.95

SINGER Reg. \$54.95

Clean, Oil & Adjust Tensions Any Make or Model

SINGER SERVICE CENTER


8418 Slide Rd. Lubbock Tx • 798-0608
Monday-Friday 9:30-5:30 • Saturday 9:30-3:00

NEW HOME • ATLAS • BROTHER • SEARS • DRESSMAKER


The Seed Barn

- Custom seed cleaning
- Wheat, triticale & rye seed for sale

Olton, Texas
Call Duane DePrang or Jack Alirez 806-285-3144



1988 CHEVROLET CAPRICE CLASSIC - All Power, Leather Interior. \$5,250. 293-3408 After 7:00 P.M.



1969 CADILLAC ELDORADO - Original, Drives Good. 76,000 Miles. \$2,500 Firm. 296-9292.

Authorized **FMC** **John BEAN.**

Dealer
Sprayers & Parts

Pro Chem Sales

900 Ross
Amarillo, TX
(806) 372-3424

Windshields • Windshields • Windshields

Lowest Prices Ever!!!!

Chevrolet & GMC Pickups & Suburbans

1978-1987 Fullsize Pickups & Suburbans (Shaded)	\$68 ⁰⁰
1988-1992 Fullsize Pickups & Suburbans (Shaded)	\$143 ⁰⁰
1993 Fullsize Pickups & Suburbans (Shaded)	\$198 ⁰⁰
S-10 & Jimmy Blazers (Shaded)	\$90 ⁰⁰

Ford Pickups

1980-1986 Fullsize Pickups (Shaded)	\$98 ⁰⁰
1980-1986 Fullsize Pickups (Tinted)	\$92 ⁰⁰
1987-1993 Fullsize Pickups (Shaded)	\$98 ⁰⁰
1987-1993 Fullsize Pickups (Tinted)	\$92 ⁰⁰
Ford Ranger & Bronco II (Shaded)	\$98 ⁰⁰

Dodge Pickups

1974-1993 Fullsize Pickups (Shaded)	\$125 ⁰⁰
1974-1993 Fullsize Pickups (Tinted)	\$100 ⁰⁰

*All above prices are installed plus tax.

75% OFF All Foreign Windshields
75% OFF All Domestic Windshields

*Plus labor, kit and tax

Windshield Repairs \$20⁰⁰
Installed in Lubbock Only Offer good through July 31, 1994

Crafton's Glass Inc.

4801 I-27 744-4838 744-3511 Lubbock

Your Best Source For:

Cadillac

Pontiac Chevrolet Geo




GMC Buick

Oldsmobile

Chamberlain MOTOR COMPANY

Clarendon: 874-3527
Amarillo: 376-9041
Elsewhere in Texas: 1-800-692-4088

It's Down Hill All The Way!

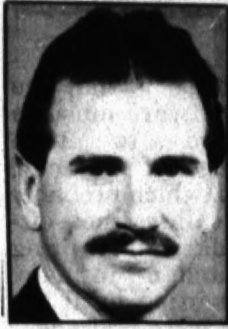




Demand still weak in corn, sorghum markets

Although Texas corn and sorghum producers continue to suffer from excessive heat and drought, growing conditions in the Midwest continue to be very good. The recent crop condition report again showed improvement in the 17 major states' corn production, but Texas showed a slight decrease. With little demand news coming in, traders will likely continue to focus on weather in the short run. That, in turn, will likely keep prices trending lower, with occasional rallies meeting a fair amount of resistance.

Last week's supply/demand estimates, while they are good estimates given the current situation, will likely change as the year progresses. If crop conditions continue to improve, yield expectations will likely increase, and estimated production could move well above the 9 billion bushel level. We are already seeing some private estimates moving above the 9 billion bushel level, and that is part of what is pushing prices lower.

Keep in mind, that one cure for low prices is low prices. If prices continue to work lower, and the dollar stays weak, we may be able to generate some



GRAIN MARKET UPDATE

Dr. Mark Waller

better demand this winter. That could be helpful in building a post-harvest rally.

Unless we see another weather scare in the next few weeks, prices will likely move sideways to lower through the summer and into harvest.

Wheat market uncertainties:

A number of analysts have suggested that wheat has put in its seasonal lows, and it may be time for a post harvest rally. There does seem to be evidence from both a fundamental and a technical standpoint

to support this idea, but, as always, there are also some reasons for concern.

Winter wheat harvest pressure is slowing, and much of the harvest time supply/demand imbalance should be past. Wheat futures have shown good support in the face of falling corn and soybean prices. Season lows on the weekly continuation chart have held against several tests. Furthermore, from a seasonal standpoint it may be about time for a post harvest rally if we consider this a normal crop year.

There are a few red flags out there, however, that should at least signal a need for caution. The market is not providing much of an incentive to store. There is little or no carry in the futures market, and basis appears to be a little better than average in sales now, as opposed to later.

Demand will obviously determine the extent of any rally from this level, and whether post harvest price improvement will be enough to offset storage and opportunity costs.

(Dr. Mark Waller, Grain Marketing Specialist with the A&M Extension Service, is an authority on the grain markets.)

HAVE CRUSHER WILL TRAVEL



Completely portable on-site custom crushing of your caliche rock for all your crushed caliche needs. We can also haul and spread the material after crushing it.

• 1-800-585-4854 •

OFFICE# 806-364-2322 • NIGHTS 806-364-5205
MOBILE 806-346-1024 • HOLLY RD. HEREFORD, TX

GRIEGO DRAGLINE INC.

"47 Years of Dependable Service and Quality"

Viriden's Perma-Bilt Co. of Amarillo is proud of its record in providing dependable service and quality products to Panhandle farmers and ranchers for the past 47 years.

We extend our thanks to the many valued customers who continue to make our business such a pleasure and growing success.

As always, we continue our pledge to stand behind and guarantee any product we sell, providing that product is fitted and placed in service according to manufacturer's specifications.

"Your Complete Satisfaction Will Remain Our #1 Priority"

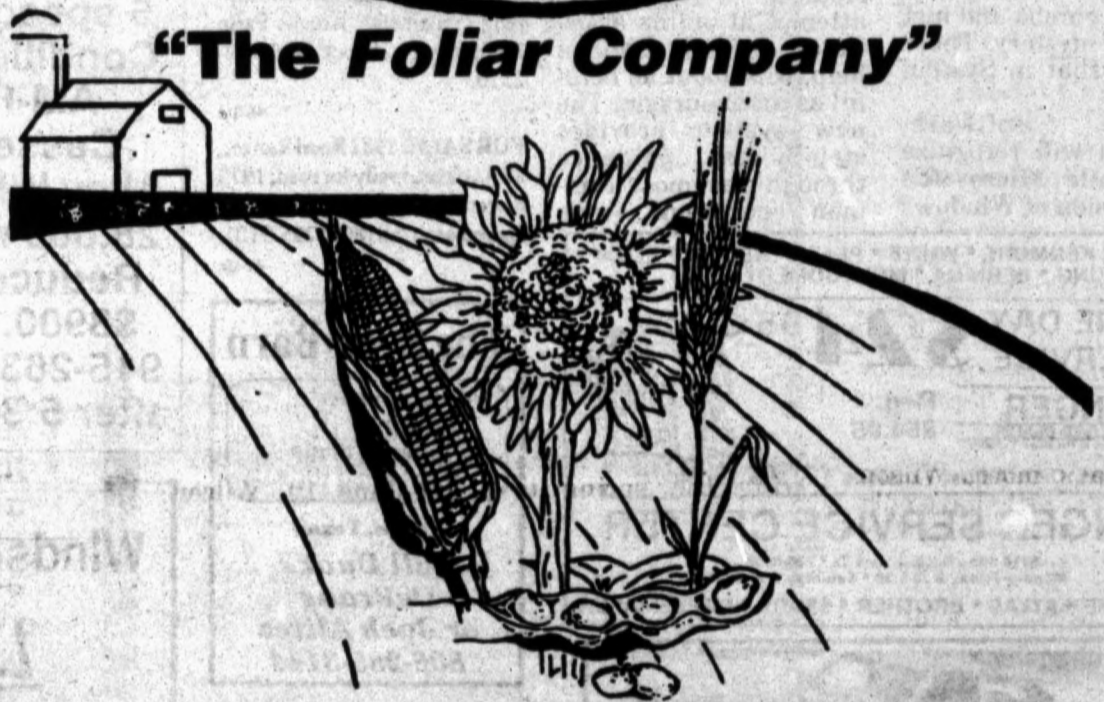
Viriden's Perma-Bilt, Co.
2821 Mays St • 352-2761 • Amarillo



1985 BUICK SKYLARK - New Gold Paint, Chrome Trim, New Vinyl Top, Automatic, A/C. \$2750. 293-0587, 296-0034.



"The Foliar Company"



Micronutrients - Minornutrients



AREA DEALERS WANTED

1-800-345-8296

If you're considering Foliar Fertilizer Call

"The FOLIAR COMPANY"



1-800-345-8296

Matua withstands heat in grazing under plains pivots

By GORDON ZEIGLER
AgReview Writer

LOWRY CITY, Mo. — A new grass for planting as a cattle grazer below center pivots has performed well through the recent blistering summer, reports a national distributor of the new product.

Keith Carmichael, national distributor for Easy Drill Matua Brome Grass, says he is encouraged by a spot check recently of grass stands in the High Plains region.

"We just talked to a producer in Boise City, Okla., and he remarked that the summer heat had not hurt his grass a bit," Carmichael said.

The Lowry City farmer and grass distributor has been on the phone recently with many of his clients in the Texas Panhandle/Oklahoma/Easter New Mexico area.

"I don't know how I could be more pleased with the grass," commented Cecil Wilson, Oklahoma cattleman. He is currently running 400 head of steers on a circle of Matua near Boise City.

"Here it is July and my grass looks better than ever," Wilson said recently.

What's more, Wilson said his cattle have only grazed on about half his grass acres.

He began in March with 250 head of steers, weighing about 350 to 400 pounds on eight 7-acre cells (55 acres); and even though he hayed half of the circle and moved the cattle every four days, he soon real-



MATUA CIRCLE — 400 cattle graze a circle of Matua near Boise City, Okla.

ized he needed more cattle.

On May 20, the 55-0-acre half circle looked about all the same, he said. It was 20 to 24 inches tall and headed out.

The grass had gotten completely away from the stockers so Wilson brought in another 150 head.

"The amazing thing is that even 250 head on seven acres for four days left behind a lot of grass," he said.

Because of his experience this year, Wilson plans to start with at least 500 head on the circle and move them about every 24 hours during the spring to maintain better forage quality.

His forage analysis showed 15 to 20 inch tall Matua that was not headed, at 22.89 percent crude protein, 25 percent TDN, with a net energy of .79.

According to Oklahoma State University livestock spe-

cialist Chuck Strasia, who works with Wilson, the grass has shown potential.

"Matua appears to be an excellent forage that looks very promising," Strasia said.

Strasia said he found Matua's relative feed values "too good to be true," he said.

Forage tests from Wilson's Matua showed relative feed values ranging from 140-152. Relative feed value (RFV) is an index used to compare quality of forages. Mature or full bloom alfalfa is equal to 100 with top quality alfalfa testing in the range from 140 to 165.

By June 10, Wilson began grazing 400 head on the half-circle that had been hayed earlier.

He expects to have hay part of the circle again.

When the entire circle is in the grazing system, later in the season, he will have it divided into 16 seven-acre cells.

Although grazing

Matua in four quarter circle units is probably the most common, a number of cattlemen are going to eight or even 16 cells to get the maximum production per acre.

Wilson's 16-cell sys-

tem can give the grass form 16 to 48 more days of rest which is one of the most important factors in managing Matua, Carmichael said.

When asked about having "that much fence" on the circle, Wilson told Carmichael, "Now that I've got it down, I can add one cell fence in about 15 minutes — it's worth it."

In most cases irrigator wheels simply run over cross fences, and some producers use heavy springs at one end of the high tensile wire.

Bog Hood of Tyrone, Okla., who grazes steers on a circle of Matua drilled into Spar Bluestem, says, "We have only broken one wire that way for as long as I can remember."

Hood has his system divided into eight 15-acre cells. His kind of system gives the cattle more control over the cattle and, therefore, some control over the grass.

Faster rotations (15 to

24 days) in the Spring or Fall when the grass is growing fastest helps maintain forage quality as well as build a surplus of grass, Carmichael believes.

Cattlemen like Wilson and others who have tried management intensive grazing and who use this and other forages under center pivot may not think of themselves as pioneers, Carmichael says, but they have proven that they are not afraid to try something new.

"They are certainly on the cutting edge of this," Carmichael said.

As for Wilson and others, the grass has met expectations.

"I am so pleased with what I have here that I plan to put in another circle of Matua this fall right next to the first," he said.

A video tape on Matua grazing systems is available along with more information on Easy Drill from Cutting Edge Agri-Products, 1-800-753-6511.

Farmers & Ranchers



A few of the growing needs of farmers and ranchers in the '90s include financial stability, operating efficiencies and profitability. The people who understand these needs the most are the agricultural specialists at the LAND BANK ASSOCIATION. They will work with your individual needs to help ensure you a successful operation.

So, if you are considering making changes in your operation, see the LAND BANK ASSOCIATION for additional information on a loan program to fit your specific needs.

Stop by or give us a call!

Association offices conveniently located at:

AMARILLO
3615 S. Georgia
(806) 353-6688

LEVELLAND
613 Ave. G
(806) 894-6155

LUBBOCK
1117 65th Drive
(806) 745-3277

CHILDRESS
Highway 83 South
(817) 937-6181

LITTLEFIELD
504 Phelps Ave.
(806) 385-4425

MULESHOE
316 Main Street
(806) 272-3010

CROSBYTON
207 S. Berkshire
(806) 675-2761

PLAINVIEW
629 Baltimore
(806) 296-5579

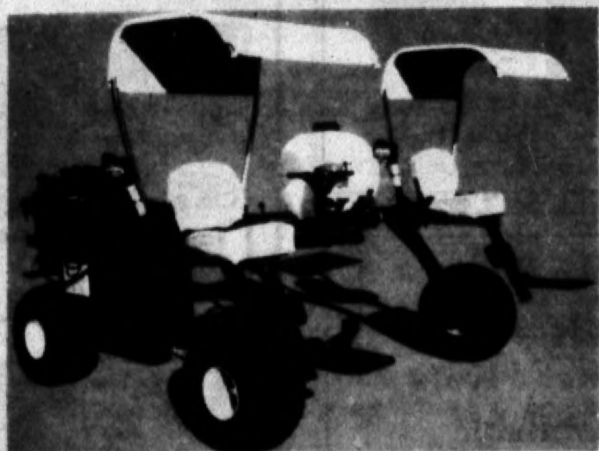
DIMMITT
105 W. Bedford
(806) 647-4178

SPUR
403 East Hill St.
(806) 271-3378

HEREFORD
709 N. Main
(806) 364-1464

TULIA
115 N. Armstrong
(806) 995-3129

1/2 DOWN 1/2 DUE 3/1/95
0% INTEREST



HYDRA-TRAC SPOT SPRAY TRACTORS

This is our unique design of an all-wheel drive, well-balanced, three-wheel tractor. It comes in seven different models to fit your particular field patterns, and is available in a one-, two-, or three-man tractor. Versatility and field-proven dependability in tough conditions, such as sand and turning on point rows, has made this our best-selling tractor.

Manufactured By
HUMPHREYS INDUSTRIES INC.

Route One Bus.: (806) 293-0533
Plainview, Tx. 79072 After Hrs: (806) 296-9315



Fishing improves as summer heat eases grip

AUSTIN (AP) — Here is the weekly fishing report as compiled by the Texas Parks and

Wildlife Department for July 21:

GREENBELT: Water

clear, 78 degrees, 4 1/2 feet low; black bass are slow with some caught on buzz baits and min-

nnows in the shallow water early and late; white bass are good trolling and in the surface schools; crappie are fairly good in 10 feet of water on nightcrawlers and minnows; catfish are fairly good to 26 1/2 pounds; walleye are fair on worms and minnows.

KEMP: Water clear, 1 foot low; all fishing is slow except for catfish which are fair on rod and reel using shrimp and liver.

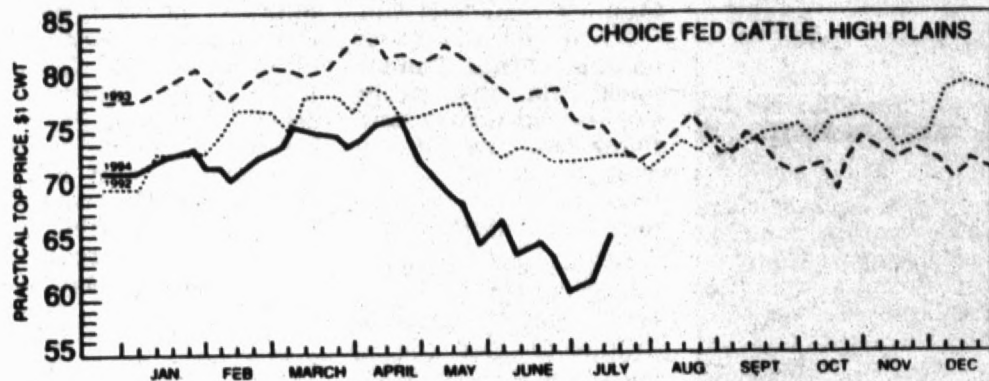
MEREDITH: Water murky, high levels; black bass are fair; catfish are good especially at night.

O.H.IVIE: Water clear, 82 degrees; largemouth bass are fairly good on topwaters early and late with keeper fish caught in 15-25 feet of water off the points on worms; smallmouth bass are slow; white bass are fair in the occasional surface schools off the sandy points in 15-30 feet of water on slabs and spoons; crappie are slow; channel catfish are good over baited holes and on trotlines set in shallow brushy areas in 2-5 feet of water using the bait of your choice.

POSSUM KINGDOM: Water clear, 86 degrees,

normal level; black bass are slow with some small fish caught shallow; striper are fair with some schooling action at various times during the day; white bass are slow; crappie are fair at the upper end of the lake over brush in 12 feet of water on minnows; catfish are slow.

WHITE RIVER: Water clearing, 84 degrees, 8 feet low; black bass are fair with numerous small fish caught on minnows and spinners; white bass are fair but improving; crappie are slow; catfish are fair on rod and reel and drop lines.



Courtesy Texas Cattle Feeders Association, Amarillo

Choice fed cattle, High Plains

The above report reflects market activity through July 22.

"Buck A Foot"



It's Back

The "Buck a Foot" rebate is back at your local Lockwood dealer this summer. From now through the end of August you can get a tremendous value on a 1994 model 2000 Lockwood center pivot with the special "Buck a Foot" Dealer rebate.

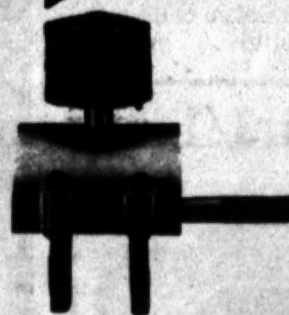
Agri-Insect. Inc.



10 To 200 Gallon Units

Proven to be:
Economical, Reliable,
Accurate (Diaphragm Pumps),
Portable & Safe
Chemigation Or Fertilizer Units.
3-Year Limited Warranty

KETEMA
MICROMETER DIVISION



Saddle Water Meters
Measures In GPM
6" & 8" In Stock

Universal Wheel Gear Box Reg. \$225 - Now \$210

Center Drive Gear Box & Motor.

11.2 X 22 and 11.2 X 24 Recapped tires.

Senniger and Rainbird Renozzle Parts.

Complete Line Of Sprinkler Hose Drop Parts.

Underground Power & Kill Wire.

Span Boots & T-Bolt Clamps - - Special Pivot Strobe Light w/Heavy Duty Bulb.

Mud Lugs Available.

Lake Pump
Filters For
Center Pivots
Available



MORTON IRRIGATION, INC.

North 87 Loop By-Pass
Plainview

293-4466



1989 CADILLAC BROUGHAM - D'Elegance, 4 Door, Extra Clean, Loaded, Low Mileage. \$11,900. Reduced To \$10,995. 296-7566 Or 293-2873.



1977 280Z, \$1,500 or best offer. FM1914 East of Hale Center or Larson Inc., Dimmitt Rd. from 12 a.m. to 1 p.m. Monday through Friday. Ask for Robert.



CAMPING SPECIAL
1973 CHEVROLET SUBURBAN, 1978 ROCKWOOD POP-UP CAMPER - \$3,500 For The Pair. 293-2614 Or 293-1675.



1987 CHEV. SILVERADO - EFI 305, PS, PB, A/C, Loaded. \$5,500. 285-2306 - 285-2021.



1991 NISSAN PATHFINDER - 5-Speed, 4-Wheel Drive, 4 Dr., AM/FM Cassette, Luggage Rack, One Owner. \$15,000. 285-2939.



1986 NISSAN 4 X 4 - 4 Cyl., 5-Speed, Very Clean. \$3,800. 285-2021 - 285-2306.



1985 JEEP CHEROKEE - 4 Wheel Drive, Stick Shift, Sun roof. \$3,500. Call 864-3532 Or 296-5297.

Texas cotton farmers discovering insecticides

Texas cotton farmers have declared biological warfare on worms that eat their crops.

Increasingly, growers are using insecticides formed by a microorganism, *Bacillus thuringiensis* (Bt), to control moth larvae, like tobacco budworms and cotton bollworms. Last year, an estimated 500,000 acres of Texas cotton—about 12 percent of the state's crop—were treated to some extent with Bts.

Bts are harmless to mammals, including humans, and do not endanger birds or fish. Because they only affect insects that consume vegetation, Bts also pose little risk to beneficial insects that eat or parasitize destructive pests.

Essentially, the Bt shuts down the larvae's feeding and gives it a form of blood poisoning. It may remain on the plant for several days, but the larvae ceases to eat or grow. If it doesn't die from the treatment, it may fall prey to a beneficial insect.

The Bt option is prompting farmers, as well as entomologists, to rethink their approach to controlling pests.

"In 40 years of work, I've tried to replace natural control systems with a chemical-based approach," notes Dr. Bill Plapp, a Texas A&M entomologist. "Now, we're reverting to a natural approach and finding ways to make it work better."

Texas cotton farmers discover bioinsecticides/Page 2

Bts give natural control forces, like beneficial insects, a chance to gain the upper hand."

Plapp has researched how Bts and related biological controls can aid cotton farmers. Much of the initial Bt work and interest has focused on the coastal plains of Texas, but Plapp is receiving Bt inquiries from the High Plains and other growing regions.

Plapp based his own Bt work on ideas developed by Reed Green, a Wharton, Texas, agricultural consultant. Green found in the 1980s that he could mir-

imize worm infestations by regularly treating fields with small amounts of Bt. That maintains a level of the insecticide on the leaf.

Green's system developed as farmers were exhausting other control options. Tobacco budworms, in particular, had gained resistance to a wide range of insecticides that kill both harmful and beneficial insects on contact.

Bts work best on the very youngest larvae, so growers and their consultants must closely monitor fields for early signs of infestations, then apply the insecticides as enough worms emerge from eggs.

"You can't use Bts like conventional insecticides," points out Duane Schroedter, an El Campo, Texas, agricultural consultant. "To an extent, you're vaccinating the cotton plant."

Compared to conventional insecticides, the cost of treating with Bts is the same or less, Schroedter adds.

Several major chemical companies have launched Bt cotton insecticides. DuPont and Cibaiegy, for example, now market Bt products. Abbott Laboratories introduced the first Bt commonly used in cotton. Its product, DiPel, has been available for more than a decade.

Most Bt insecticides are based on naturally occurring strains of *Bacillus thuringiensis*. But a newer generation of Bt insecticides also has been developed through genetic improvement techniques.

One company, Ecogen Inc., combined genetic traits from two different strains of *Bacillus thuringiensis* to form a more potent hybrid. This hybrid Bt, marketed as Condor, was available in Texas on an introductory basis in 1992. Ecogen intended to fully market Condor in Texas last year, but demand in Louisiana and Mississippi quickly outstripped its North American reserves, says Richard Garrett, an Ecogen spokesman.

"Farmers shifted to

Condor and actually hoarded it because they knew we were running short. Five years ago, most farmers wouldn't have figured a bioinsecticide was worth buying. Now they're stockpiling them. That's how much attitudes have changed."

'Five years ago, most farmers wouldn't have figured a bioinsecticide was worth buying. Now they're stockpiling them. That's how much attitudes have changed.'

Industry spokesman

Bts faster than anyone in the agricultural chemical industry could have predicted," Garrett admits. "For Texas and the Midsouth, we made very optimistic forecasts for 1993 about how many gallons (of Condor) we would sell, but we still exhausted our inventory by August 1."

"We learned later that some farmers bought

Condor and actually hoarded it because they knew we were running short. Five years ago, most farmers wouldn't have figured a bioinsecticide was worth buying. Now they're stockpiling them. That's how much attitudes have changed."

To gear up for 1994 and shorten its shipment times, the Langhorne, Penn., company moved its produc-

tion of Condor into the Cotton Belt, to a chemical plant in Clarksdale, Miss.

Products like Condor mark a turning point in how biotechnology and biological control are beginning to mesh with main-line agriculture, says Texas A&M's Bill Plapp. He sees increased use of Bts, as well as other biological products.

Will bioinsecticides replace conventional, synthetic insecticides? Despite his optimism about Bts, Plapp believes both types of pesticides will be needed in Texas cotton.

"Biological insecticides are often very specific to a small number of insect species, and that's a weakness," says Plapp. "If a farmer deals with several types of species in a field, some can't be controlled with a bioinsecticide. In that case, he will use a conventional pesticide or a bioinsecticide in combination with the regular chemical."

"The objective for farmers now is to accurately determine when they do have that biological option, then know how to use it."

CONDOR is a trademark of Ecogen Inc., Langhorne, Penn.

Pro-Tech Security

SUMMER SPECIAL

Enjoy Your Vacation!
Pro-Tech will secure your home & valuables while you're away.



50% off

All Security Systems

- Residential & Commercial
- Professional Installation
- Central Station Monitoring
- Discounts On Home Owners Insurance

Good Through Aug. 31, 1994



\$249 Initial Installation Cost For New Lease Program (Burgular Alarms Only)

For Inquiries & Estimates Call:

293-0923

Quantity Discounts

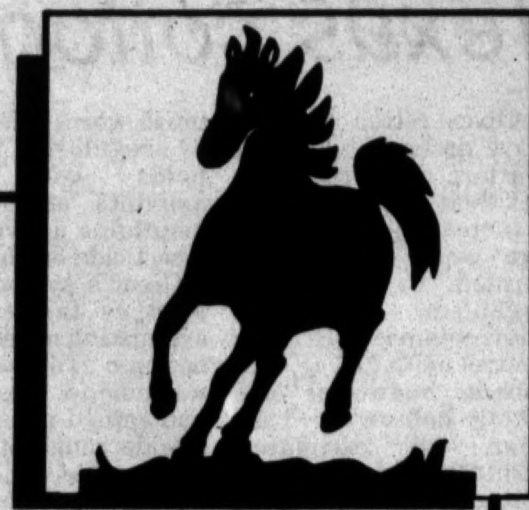
**See Us For
Quantity Discounts
on Armin Poly Pipe**

Underground Irrigation System
Aluminum Pipe & Fittings

Shorty Cantwell
Your Pipe Man For 43 Years

**Cantwell
Irrigation Co.**
293-2506

Quantity Discounts



TJ BAR RANCH



P.O. Box 807
Norwood, Colorado 81423
(303) 327-4183

SALES — AQHA HORSES

Professional: Lessons • Boarding • Training

New Indoor Arena

Located in the magnificent San Juan Mountains of Southwestern Colorado. TJ Bar Ranch, in conjunction with T&N Outfitters, is unique in its ability to offer a memorable vacation opportunity for all members of the family. Telluride, not that far away, is a ski and golfing paradise, and the shopping isn't that bad either!

But you don't have to leave the ranch to have a great time.

In fact, while the equestrian in the group take advanced riding lessons in the new indoor arena, or checks out the stock of AQHA horses available for sale, the rest of the family can busy themselves on a multitude of adventures:

Horseback Riding • Scenic Photography Outings • Trout Fishing • Archery Target Practicing on a 3-D Range

There is a main lodge on the grounds, and three fully modern cabins.

This is a first class operation, and your days spent here will be long remembered.



STALLIONS AT SERVICE



Azure TE • Azure TE Speed (Sire) Irish Azure-1200252 • Surfer Sally
Full Speed • (Dam) Full Speeds Star-X341548 • Rosa Charge

In Reality - Won \$795,824 - TB • Jeopardy Rocket (Sire) Jeopardy - Won \$36,300 • De Hostess
Jaguar Rocket - Won \$65,157 - AAAT • (Dam) Rachel Rocket - Won \$10,356 Rachel Crowder



**Owner
Tim & Judy
McCollum**



Property rights is focus of awareness program

Local land bank fights for rights of land owners

Special to AgReview

For more than 60 years, Margaret Rodgers and her family have owned, worked and lived on the Sunset Ranch in Lago Vista, Texas.

It not only has been the family homestead for generations, but it also has provided for their livelihood. But when the Rodgers decided to fence part of their land for cattle a few years ago, the Fish and Wildlife Service informed them that fencing their property would cost them \$25,000 to \$50,000 in fines and possibly jail time. As the Rodgers soon learned, environmental regulations meant to protect an endangered bird habitat prohibited the Rodgers from using their land, without compensation.

A similar incident occurred to Margaret Rector, who bought land in 1973 in Travis County, near Austin, as an investment to supplement her retirement. She too, recently, heard from Fish and Wildlife, who told her that, since her land had been declared prime habitat for the endangered golden-checked warbler, she couldn't develop it. The government refused to buy it and, by 1993, her land once worth \$900,000 had dropped to a market value of \$30,380.

Unfortunately these aren't isolated incidents. Federal laws that were purposed to protect the environment and endangered wildlife are now threatening the rights of private property owners across the country. Farmers and ranchers who rely on the land for their livelihood are facing the reality that government regulations can prevent them from using their own property. More than 30 federal laws such as the Endangered Species Act (ESA), the Clean Water Act (Wetlands) and National Biological Survey Act are intended to benefit wildlife, but many say these regulations compromise landowners' constitutional right to own and utilize private property.

Caprock-Plains Federal Land Bank Association (FLBA) President Mike Howell says he is concerned about how these laws will eventually impact the Texas Panhandle and High Plains. The Caprock-Plains FLBA is an agricultural lending

cooperative based in Plainview which makes land and rural home loans in Briscoe, Hale, Floyd and Motley counties. It has 293,707 acres of land held as collateral.

More than 560 local farmers and landowners do business with the lending cooperative, which currently has approximately \$ 36.8 million in loans outstanding. Although the government hasn't limited property owners' rights in this region yet, Howell wants to raise awareness among Plainview farmers and ranchers as to the implications of these laws if parts of the region are declared wetlands or habitat for an endangered species.

"It's an issue that affects our stockholders, and all farmers and ranchers. They'll lose value in their property," Howell says. "It could become a major problem, and the regulations are enough to scare anyone."

The best way to raise awareness, Howell says, is through educating people about these laws and how they affect landowners. "If the public doesn't get involved," he says, "the government will continue to limit property rights. And if farmers and ranchers are restricted in production of food and fiber, everyone will be hurt."

Since 1990, when the U.S. Fish and Wildlife Service district office opened in Austin, the property rights issue has grown in Texas. Many of the 150,000 producers in the state could be limited only to activities specified by the government if their land is declared endangered species habitat or a designated wetland. One of the biggest threats to landowners' rights, Howell notes, are the 55 endangered species in Texas that are protected by the ESA. For instance, just one of those species, the golden-checked warbler, stands to affect 32,000 square miles of land in 34 Central Texas counties. If that area is declared habitat for the bird, many property owners will find it difficult to make a living off the land.

When an area is deemed "protected habitat" by the ESA, a property owner has to get permission from the government "before they can do anything on the land," Howell points out. "They'll be able to tell people if they can or can't build a home, fence cattle, or do anything

else with it. They may no longer be able to use land as they have in the past. To operate, they'll need permission via permits. The cost of operating will increase, and the value of their property will decrease," he adds.

The hundreds of property owners who already have had their property rights taken in the name of the environment haven't always given up without a fight. The federal government currently has more than \$120 billion in "takings" claims against it. Once an individual decides to take a case to court, it

can be a long and expensive fight to prove they should be able to use what is already theirs.

"There need to be some reasonable changes in the Endangered Species Act and all environmental laws to take economic and human factors into account," Howell says. "The way they're enforced and interpreted by federal agencies is being used against landowners."

"If landowners were given incentives rather than disincentives to protect species, the Endangered Species Act might work," Howell

owners are much better stewards of the land than a government agency that lacks the funds and staff to actively protect a habitat."

Changing the law is never a simple task, however. So for now, property owners like Rodgers and Rector will have to continue fighting government regulations that threaten their right to use the land they own.

The Farm Credit Bank of Texas, which holds as collateral more than 20 million acres and has 60,000 borrowers who make their livelihood off the land,

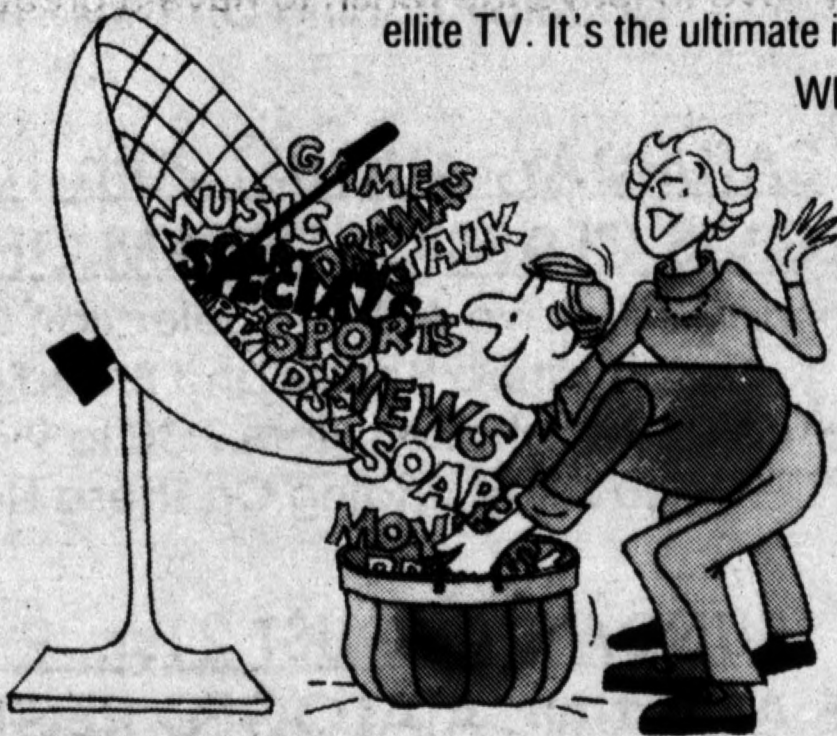
has taken an active role in the effort to educate the public about this issue.

Earlier this year the bank produced a videotape documentary on property rights, which since has aired on national public television and has been requested by 1,200 individuals and groups across the country.

Anyone wishing to obtain a free copy of the video, "Who Owns the Land?", may write to Public Affairs Department, Farm Credit Bank of Texas, P.O. Box 15919, Austin, Texas 78761.

WHEN IT COMES TO TV, WHAT DO YOU WANT?

Do you want a few cable channels with some programs that may or may not be on when you actually have the time to watch? Or would you rather have your choice of over 200 channels and over 50,000 hours of programs every month, 24 hours a day? Satellite TV. It's the ultimate in TV entertainment.



When it comes to TV, what you want, how and when you want it is Satellite TV.

Ask us about the surprisingly affordable satellite TV systems available today

Satellite Systems 18" & Up

From **\$15⁰⁰** Per Month OAC

FREE HBO For One Year Avail. On Selected Systems. CALL NOW!



Satellite Warehouse

Sales Service Installation

Dan C. Barton

Local Agent

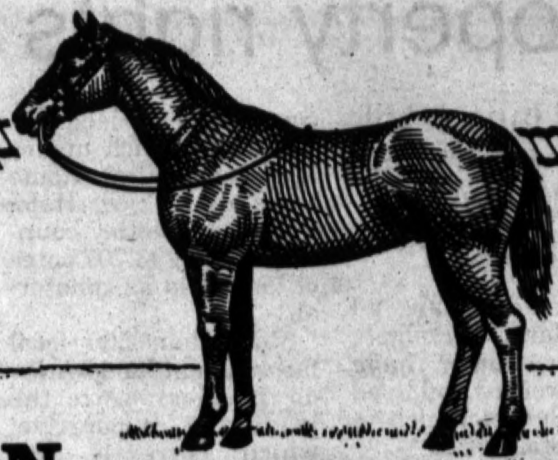
879-4691

Hale Center

(800) 530-8148

SOLD!
COUNTRY TRADER
CLASSIFIEDS

HEARTLAND OF THE WESTERN HORSE



CLOVIS LIVESTOCK AUCTION ANNUAL FALL HORSE SALE

AUGUST 19, 20, 21, 1994

FEATURING THE CLOVIS CLASSIC QUARTER HORSE YEARLING SALE

FRIDAY, AUGUST 19th. 9:00 A.M.

TRADITIONAL CATALOG SALE

A Real Nice Selection Of Registered Horses Of All Classes
(Limited to 150 Head)

FRIDAY, AUGUST 19th. 3:00 P.M.

CLOVIS CLASSIC YEARLING SALE

Yearlings In This Session Will Be Eligible For The 1995 Clovis Classic Futurity.
\$13,500 Added. Estimated Purse Over \$75,000.
No Alley Trading On These Horses.

SATURDAY, AUGUST 20th 10:00 A.M.

CLOVIS CLASSIC "CREAM OF THE CROP"

This Session Will Have A Good Selection Of Using Geldings,
Performance Horses and Breeding Stock.
Performance Demonstration From 7:30 to 9:30 Saturday Morning.
No Alley Trading On These Horses.

SUNDAY, AUGUST 21st. 9:00 A.M.

GRADE AND UNCATALOGED REGISTERED HORSES

Horses In This Session Accepted Thru Sale Day.
5% Commission - \$5.00 P.O. Fee

THERE WERE 1300 HORSES OFFERED IN THE MAY SALE WITH A GOOD SELECTION OF ROPE AND USING HORSES. LOTS OF NICE BROKE GELDINGS AND MARES.

For More Information or to Consign Horses Contact: Clovis Livestock Auction: 505-762-4422 • Fax 505-762-4421

Clovis Livestock Auction, Inc.



Serving ALL Your Livestock Marketing Needs!

P.O. Box 187 • Clovis, N.M. 86101 • 505-762-4422

Charley Rogers
General Manager

Del Rae Diggers
Futurity Secretary

Steve Friskup
Auctioneer & Market Man
(806) 655-3341