

IF IT'S NEWS IN BOVINA, YOU'LL FIND IT IN THE BLADE

The Bovina Blade

"In The Agricultural Center Of Parmer County"

THE NEWSPAPER THAT WORKS FOR A BIGGER, BETTER BOVINA

WEDNESDAY, JUNE 28, 1961

BOVINA, TEXAS

VOL. VII, NO. 1

WHITTLIN'

BY DOLPH MOTEN

Some wise guy once figured out, "You don't miss the water until the well runs dry."

He was right, of course. That's true.

The "for instance" we have in mind is the large, lighted clock which is on north wall of Charles Oil Co. building and faces North Street in Bovina. We were aware that we noticed the clock on occasion, but certainly didn't realize just how much we used it until it was taken down for a couple or three weeks for repairs.

We weren't the only one who complained during the clock's absence, Harry Charles, clock owner, tells us. He said that Lady Armstrong offered to take up a collection, if necessary, to get the clock fixed and back on the wall so nice Bovina people could tell, and would know, what time it was again.

The clock went back up early this week so we made it a point to tell Charles that we were glad to see same. We figured it was only fair to tell him since we had done some of the complaining during time it was down.

The reason it came down in the first place kinda irked us, too, incidentally. Boye Taylor, who can cause trouble over clocks, politics, and Blade subscriptions, was the man responsible, we understand.

As far as keeping correct time, the clock was doing an outstanding job. Nothing wrong there. It was serving its purpose well except during dark hours of night. Seems that the light which made the clock seeable in the dark had gone out.

Taylor complained to Charles long and hard to get the light fixed. Probably Harry ignored him for a while, but the complaining finally reached the point where Harry figured he had to do something.

So what happens? He takes the complete clock down so you can't tell what time it is, night OR day, for three weeks.

So all you folks who missed what is probably Bovina's only public clock during its absence have Boye Taylor to blame.

On the other hand, if you're glad the light in the clock is fixed, we guess you can give Taylor the credit, though we hate for you to.

A relative of two Bovina men is one of the hottest players in major leagues this season. He's Norm Cash, first baseman for American League-leading Detroit Tigers, and a nephew of Milburn and Wilburn Cash, who farm nine miles west of town.

If we remember correctly, this is Cash's first year to break into permanent line-up with a big league team and he's really making most of the advantage.

Home of the ball-playing Cash is Post, just off the Cap on far side of Lubbock.

Wonder if he played high school baseball?

We read somewhere once that a vacation consists of a series of 2's. 2 weeks after which you're 2 tired 2 return 2 work and 2 broke not 2.

In our case though, we're not going to worry about a vacation as such because we're 2 broke, any2.

Bovina's Fourth of July picnic and celebration, which will be eighth annual, seems to us to be less organized than usual. However, we aren't being critical. As a matter of fact, we think those who attend may like a little less organization.

Certainly, less organization makes the workload lighter for members of the sponsoring organization. The carnival rides this year will provide a lot of fun and excitement for a lot of people. Their only disadvantage, as we see it, will be the facts that they will be more commercial than we're used to at Bovina Fourth of July deals. But we don't think people will mind. We think they expect to pay a reasonable price for entertainment.

Odds are five-to-one that it'll rain here sometime during the day Tuesday . . . and there are no takers.

We'll see you there. Don't forget to bring your raincoat!

July 4 Celebration Starts Monday

Mrs. W. J. Sides Funeral Thursday

Mrs. W. J. Sides, 82, pioneer resident of this area, died Tuesday of last week in Abilene. Funeral services were conducted Thursday. Burial was in Sunset Memorial Park in San Antonio.

Chamber Appoints Committee

In a special directors' meeting last week, a Bovina Chamber of Commerce and Agriculture committee was appointed to continue work on getting a doctor for this community. Carrie Mlear will head the committee.

The committee will investigate possibilities of getting a doctor and a hospital, Warren Embree, chamber president, announces.

In other action, directors voted to contribute \$25 toward Bovina's Fourth of July celebration.

Next directors' meeting is scheduled to be called during July.

Barber Charges Increase

Barber services are scheduled to increase by approximately 25 per cent in Bovina next month.

A joint announcement by Jerry Rogers of Jerry Rogers Barber Shop and Emmett Tabor of Trimble Barber Shop gave the date for the increase as July 5.

Hair cuts (regular) will increase in price from the popular \$1 to \$1.25. Flat tops go from \$1.25 to \$1.50. Shaves go up from 75 cents to \$1 and shampoos will be \$1.25 instead of \$1.

These prices are in line with those charged in neighboring towns the barbers point out.

Both shops will be closed Monday, July 3, as well as Tuesday, July 4. The price increases then goes into effect Wednesday.

FRIDAY NIGHT--

Little League Leaders Licked

Parmer County Farm Supply and Oklahoma Lane Farm Supply each picked up a victory in Friday night's Little League action.

Oklahoma Lane stunned league-leading Three-Way Chemical-H&M Garage, 14-11, in a game which saw the winners outfront by a scant margin throughout. This was only second loss in seven games for 3-Way-H&M.

Parmer County dumped the league's cellar team, Charles Oil-Bovina Implement, 17-5, for its win. Larry Riley was winning pitcher for PDFS as he went the distance. Larry Mitchell was losing pitcher.

Lefty Kitten did pitching honors for Oklahoma Lane in its win.

Wayne Davies took the loss for the league leaders.

Pee Wee action saw Bovina Gin outscore Dairy Freeze, 16 to 7.

Wes Harris was winning pitcher with Joe Don Stevens taking the loss.

Friday night, Charles Oil-Bovina Implement goes against Oklahoma Lane in first game and PCFS meets 3-Way-H&M in night cap. The two Pee Wee teams will play each other.

Pee Wee games begins at 5:30 with first Little League tilt to start at 6:45.

The teams will not have league games Tuesday as the

schedule has a Fourth of July break. However, unofficial games will be played Tuesday afternoon.

Here's the way Tuesday night's games went: Dairy Freeze eeked out a 5-3 win over Bovina Gin in one

of tightest games played to date by the Pee Wees.

Parmer County Farm Supply bounced Oklahoma Lane Farm Supply, 22-7, and Three-Way-H&M rolled over Charles Oil-Bovina Implement, 19-8.

Both games were halted at

end of five innings by 10-run rule.

LITTLE LEAGUE STANDINGS

Team	W	L	Pct.
3-Way-H&M	6	2	.750
PCFS	5	3	.625
OLFS	4	4	.500
CO-BI	1	7	.125

IN TEXAS PRESS CONTEST--

Blade Receives Writing Award

The Bovina Blade won its first first place award in history at Texas Press Association convention in Dallas last week-end.

The award was in Division VII, for weekly newspapers in towns of less than 2000 population, in news writing contest.

Publisher and Mrs. Dolph Moten were present to receive the plaque which was presented for the award.

Judging in the contest was based on a series of issues during 1960 and on one news story which the paper's staff considered to be the best news

story written during the year. The series and the story each counted 50 per cent in overall judging.

Entered as the Blade's best news story was a report of Bovina's city hall burglary last fall.

Other contests in the division which the Blade entered but failed to place in were appearance, news pictures, column writing and editorials.

The State Line Tribune, Blade's sister publication at Farwell, was the division's general excellence winner with two second place awards and two

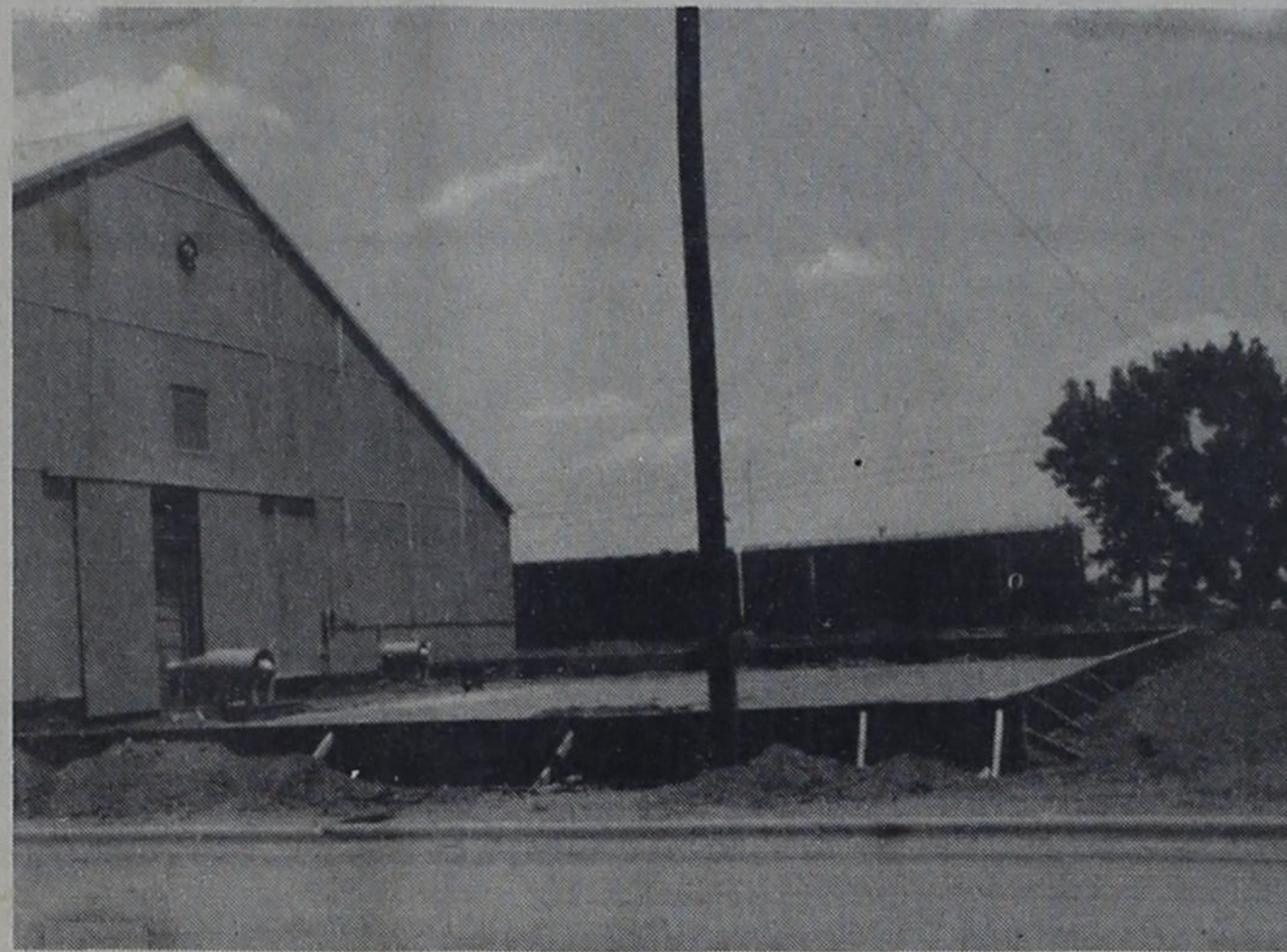
third place awards.

Mr. and Mrs. W. H. Graham, Tribune owners, accompanied the Motens to the Dallas convention.

The Blade was runner-up for general excellence award in '57.

Deadliest days in 1960 Texas traffic were May 15 and Sept. 3, on each of which days 18 persons died.

Personal injuries in 1960 Texas traffic dropped to 239,000 from the all-time record of 260,000 in 1959, a reduction of 8%.



ANNEX---More storage is being added to Macon Elevator on Highway 60 here. The additional space, which is being built on west end of an existing flat storage building, will house 120,000 bushel storage. Dimensions of the annex are 60 by 100 feet with 14 feet walls.

FOR 120,000 BUSHELS--

Macon Building Storage Annex

Construction began last week on a 120,000 bushel storage addition for Macon Elevator in Bovina.

The annex will be built on west side of present facilities. It will measure 60 by 100 feet with 14 foot walls.

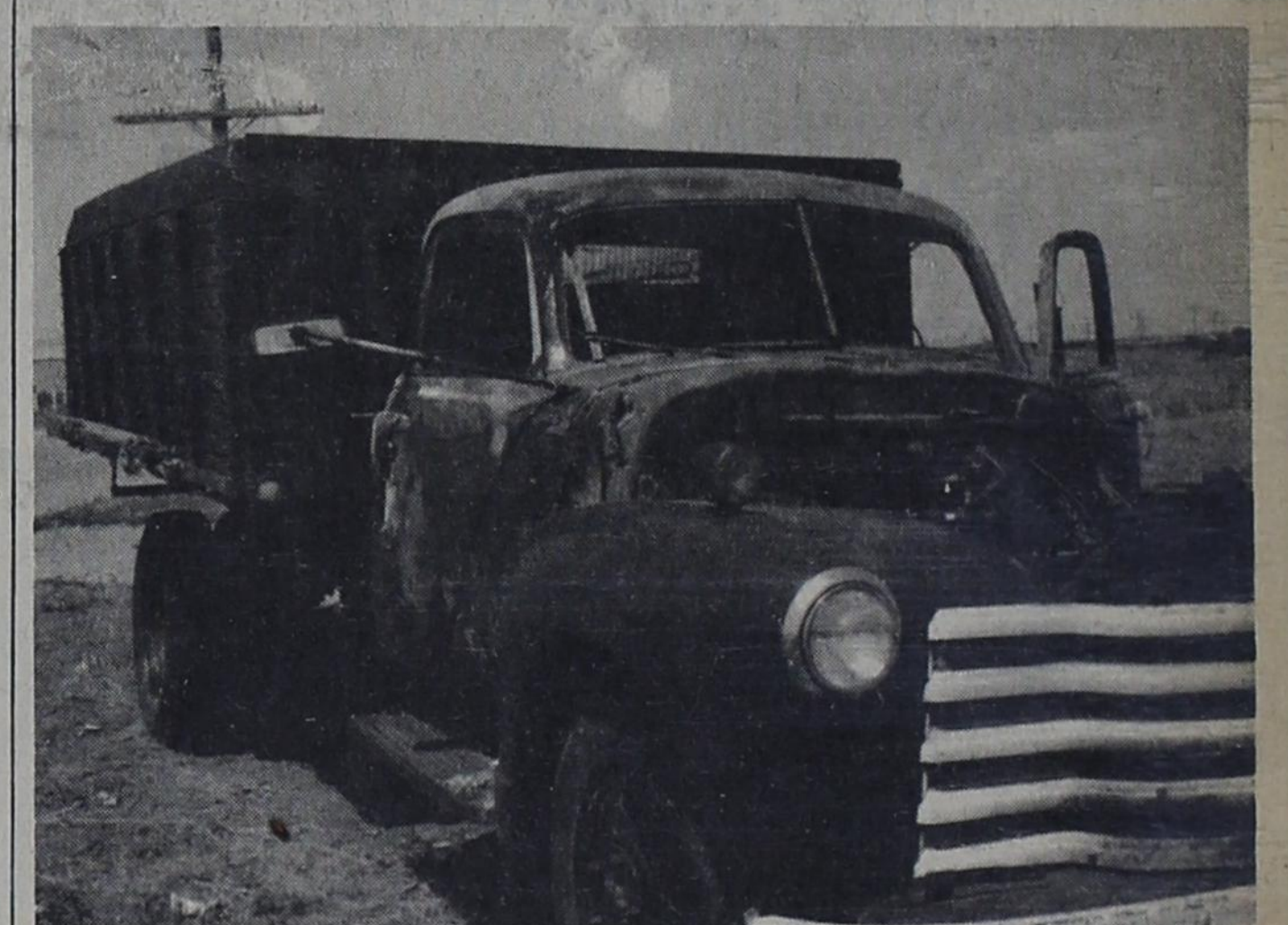
Contractor is Star Manufacturing Co. of Oklahoma City. The addition will be made of sheet metal with steel frame--same as the structure which it will be annexed to, J. P. Macon, owner, says.

Completion date for the work has been set for July 15. This will bring total capacity of the elevator to 1,200,000

COURTHOUSE CLOSED TWO DAYS

The Parmer County courthouse will be closed both on Monday and Tuesday, July 3 and July 4, in observance of the Independence Day holiday.

bushels. The original flat storage building was constructed in '56.



SCORCHED---This truck was destroyed in a wheatfield fire on Vernon Estes' farm west of Bovina Thursday evening. Except for some accessories which were saved, the truck was considered a total loss. Only about two acres of wheat were destroyed by the blaze.

ON ESTES' FARM--

Wheatfield Fire Damage Slight

Damage was slight considering dangerous potential at a wheatfield fire on Estes' farm four miles west and one north of Bovina about 9 p. m. Thursday.

Charlie Wilson Buried At Enid

Charlie Wilson, about 55, former resident of Bovina, died at his home in Albuquerque, N.M. Saturday morning of a heart attack.

Funeral services were conducted Tuesday afternoon at Enid, Okla. Burial was in Enid. Mr. Wilson moved from Bovina about two years ago. He was in apparent good health until time of his death.

Survivors include his wife of the home; one son, Dick, of Enid; three brothers, Hugh Wilson of Nash, Okla., Frank Wilson and John Wilson of Bovina; two sisters, Mrs. Ray Carter of Wichita, Kan. and Mrs. Doc Maddock of Hutchinson, Kan.

The field was being harvested at time the blaze occurred. It is believed to have originated from exhaust from a truck, being used to haul the grain to town.

The truck was destroyed by fire. However, only about one acre of wheat was burned, Estes says, and another acre was destroyed in an effort to

snuff out the flames.

Wind was blowing away from the field at time of the fire and aided greatly in keeping flames from spreading.

Bovina Volunteer Fire Department answered a call to the fire and helped extinguish it.

The truck was owned by Bovina Gin Co. and was being operated by Sid Killough.

IN SOFTBALL LEAGUE--

Gin Continues Winning Ways

In Bovina Men's Softball League, Bovina Gin Co. continued to reign supreme through last week's action.

The Ginners blasted Firemen Thursday night and continued their onslaught with a one-sided win over Three-Way Chemical Saturday night.

Glenden Sudderth, Gin moundman, still has his record intact through five games, Jim Russell took the mound loss for Fire Department Thursday night and Ed Hutto was Three-Way's loser Saturday night.

(Continued on page 8.)

NEWSPAPER CONTESTS
TEXAS PRESS ASSOCIATION
1960 PRIZE WINNER

The Bovina Blade
 Second-Class Privileges Authorized at Bovina, Texas
 Published at Bovina, Texas, Every Wednesday.

Dolph Moten Publisher & Editor
 Sue Moten Women's News

BOWL

On
INDEPENDENCE DAY
July 4th.
 Special Tournament
 3-6-9
 Scotch Doubles

All Day And Evening.
 Keep Off The Hiways And
 Keep Accident Free

Friona Lanes
 Phone 3831 Friona



Mrs. Jesse Walling, (center,) is shown inspecting heel of a shoe for Mrs. Roy Crawford (right). Mrs. Charles Thompson (left) homemaking instructor is preparing her shoes for the demonstration on shoe covering presented by Mrs. Walling.

Beet Sugar Industry Expansion Forecast

CHICAGO--Further expansion of the western beet sugar industry, which recently became the biggest single supplier of sugar in the United States market, was forecast here today by Frank A. Kemp, President of the Great

Western Sugar Company, Denver. The head of the nation's biggest beet sugar processing company made his prediction in an address prepared for delivery to the nation's candy-makers at the 78th annual convention of the National Confectioners Association at the Conrad Hilton hotel.

Kemp pointed out that, during the period in which well established supply patterns had been seriously disrupted by "political upheaval in Cuba" and "communist activity affecting sugar," the American sugar bowl had remained well filled and consumers had been shielded against price increases.

The nationally recognized sugar expert added: "I believe it has also been demonstrated in the past two years that we may wisely place somewhat greater dependence upon domestic sugar production."

A great demand exists for increased sugar beet and beet sugar production in many sections of the nation, Kemp declared, listing states where farmers are enthusiastic in their desire to grow beets as including Kansas, Nebraska, California, North Dakota, Minnesota, Idaho, Washington and others.

"It is not difficult to understand," the Denver executive said, "that thousands of our own people believe that, if there is to be a readjustment of our sugar supply and if Cuba is not to continue to receive so large a share of our market, American land and American farmers should have a preferred right to contribute to our sugar needs."

Recipes

Orange Balls

Orange Balls keep for three to four weeks in a tightly covered container. In fact, they improve in flavor when held.

- Makes: approx. 4 1/2 dozen
 No Bake
 1 6-ounce package (1 cup) semi-sweet chocolate morsels
 1/2 cup sugar
 1/4 cup light corn syrup
 1/4 cup water
 2 1/2 cups finely crushed vanilla wafers (approx. 5 doz.)
 1 cup finely chopped nuts
 1 teaspoon orange extract
 Melt semi-sweet chocolate morsels over hot (not boiling) water. Remove from heat. Stir in sugar and light corn syrup. Blend in water. Combine finely crushed vanilla wafers and nuts. Add and mix well semi-sweet mixture, crumbs, and orange extract. Form in one inch balls. Roll in sugar, tinted red and green.

Surprise Balls

The surprise comes in the speed of preparation and the delicious flavor.

- Makes: 2 1/2 dozen
 No Bake
 3/4 cup soft butter or margarine
 1 cup brown sugar, packed
 2 cups oatmeal (quick or old-fashioned, uncooked)
 1/4 cup shaved semi-sweet chocolate
 confectioner's sugar
 pecan halves
 Beat butter and sugar together until creamy. Stir in oats and chocolate. Shape into balls. Sprinkle with confectioner's sugar. Press pecan half on top of each. Refrigerate.

Are We Doing Right By Our Dairy Cows? ?

We have spent a good deal of time and money developing and using dairy sires that have a background of high milk production.

The question is: are we cashing in on this improved breeding?

In Australia researchers gathered up a group of calves in three successive years from 20 low producing herds and 20 high producing herds, brought them together for rearing and recording of their first lactations after which they were returned to their original herds.

In a companion trial 40 sets of identical twin calves were divided between the low and high producing farms and milked through their first lactations.

In all cases the milk yield of the cows regardless of origin tended to reach the same level as the herd in which they were milked. That is differences in milk yield appeared to be due to environment rather than heredity.

Further investigation of differences in management or environment indicated that the most significant factors were: 1. level of nutrition, and 2. milking practices.

There are indications in other experimental work here and abroad that the effect of good breeding shows up to a greater extent under a favorable environment.

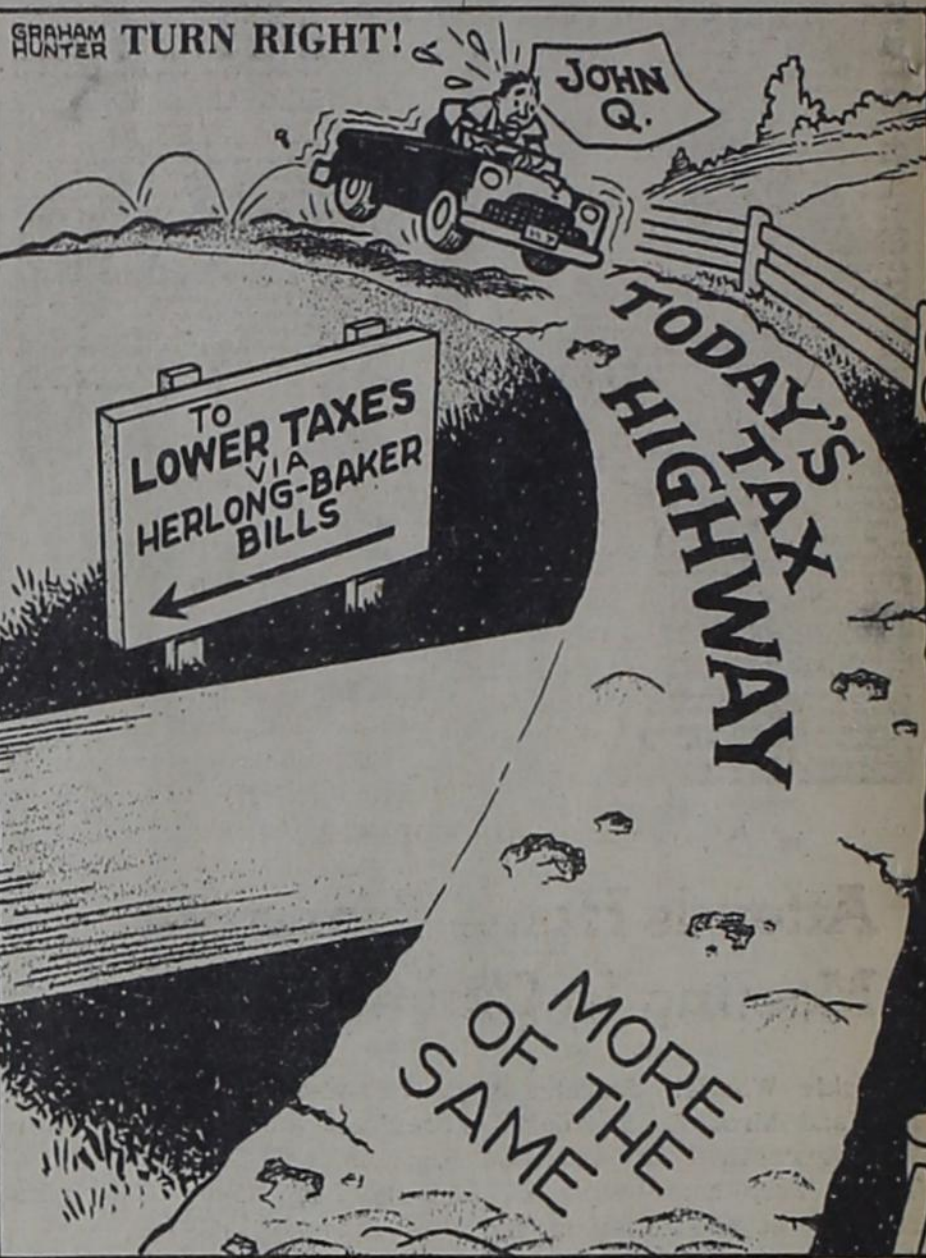
This adds up to this fact: that we cannot expect to realize the benefits of breeding high production into our herd unless we give the cows a chance, providing the feed, the proper careful handling, and proper milking methods to which the cow will respond.

Breeding can never be ignored; it sets the ceiling of production. The indications are, however, that many herds are operating at levels below their present potential.

- Ask yourself these questions:
 1. Am I doing a good job in balancing the ration to meet the needs of cows in my herd?
 2. Am I planning ahead on my feed program?
 3. What am I doing to help check that summer shrink in milk production? Enough water? Shade?
 4. Does my feeding program include silage?
 5. Am I balancing the right kind of concentrate with the type of roughage fed?
 6. Are the cows bred to calve

The wheat plan for 1962, presented to a House Agricultural subcommittee last week, would require growers to reduce plantings by 10 per cent. An extra 30 per cent of the land could be diverted if the grower so desired. For this reduced acreage the wheat grower would receive government payments--similar to the emergency feed grain program.

For compliance to this reduced acreage program farmers would receive an increase in the support price for wheat, probably \$2 per bushel instead of the present \$1.79.



During This Year's Wheat Harvest, REMEMBER:

When You Do Business With Bovina Wheat Growers, Inc. You Become A Stockholder. It's Your Organization. Use It To The Advantage Of Your Farming Operation.

Bovina Wheat Growers, Inc.

"We Serve To Serve Again"

Jim Russell, Mgr. 238-2691

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Tri-Unisol Urea

Burning Stubble Results In Permanent Damage. You Benefit 2 Ways From Tri-Unisol Urea. You Get Extra Nitrogen In Soil And Rid Of Stubble, Too.

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For Economical Weed Control FLAME CULTIVATION

It Has Been Proven By Years Of Testing That Flame Cultivation Produces Crops At Lower Costs Per Acre While Giving Maximum Yield, And Properly Used, Will Not Harm The Crop. Get Your Flame Cultivator Now From. . . .

Charles Oil Co.
 Phillips '66' Jobber
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GAS LIGHTS
 for people who care about safety, style and savings

NEW! the Pioneer DUAL-MANTLE LIGHT
 Provides MORE soft illumination at the SAME low cost of operation -- only \$49.50 installed.
NO MONEY DOWN -- TWO YEARS TO PAY!

fuel for a growing empire Pioneer Natural Gas Company

Save That Weed Hoeing Bill...
 Spray Sorghums With Less Hazard

WEEDONE 638
 A Special Formulation of 2,4-D Acid For control of Field Bindweed (morning glory) Russian Knotweed Canada Thistle and other hard-to-kill weeds on fallow land and non-cropped areas

WEED Spray Permits Available Here

Weedone 638 Helps You Rid Your Farm Of Undesireable Weeds Get Your Supply Now!

For Cotton Insect Control, We're Offering **HI-YIELD Cotton Insect Spray**

3-WAY Chemical Co.
 Hwy. 60-Bovina-238-4841



MISS NICKIE WOELFEL

Attends Home Economics Meeting In Cleveland

Nickie Woelfel, daughter of Mr. and Mrs. E. E. Woelfel, will represent more than 500 Texas Tech home economics students at a meeting of the American Home Economics Association, June 26-30 in Cleveland, Ohio.

A junior, Miss Woelfel is president of the Tech Home Economics Club and was named outstanding home economics sophomore of 1960-61.

She was co-chairman of the 1961 Home Economics open house at Tech and will be chairman of the 1962 event. Holder of Mary Doak and Delta Delta Delta scholarships, she has been a Knapp Hall legislator and treasurer and is in the Church of Christ Bible Chair program.

Has Surgery

Mrs. Ovid Lawlis underwent surgery Monday at a Dallas hospital for an ear correction. She is expected to be released later this week.

Visits Sister

Mrs. J. Sam Gaines returned to Paris Monday with her sister, Mrs. Betty Adams, who has been visiting here recently. Mrs. Gaines plans to be gone for about three weeks.

In a one-month period last year, official motor vehicle inspection stations in Texas checked over 263,000 vehicles. Of these, over 36% needed adjustment or repair for safe operation, 9% needed brake adjustment or repairs, 20% needed headlight adjustment or repair. Average per car cost, including inspection fee, was \$2.06.

George: "What did Eli Whitney say to his wife?"
Erv: "Keep your cotton-pickin' fingers outa my gin."

Cotton Quiz



Suzzy Secretary Sez



If you're planning a visit to a friend, make a checklist of the articles in your suitcase before you pack. Then, when you're packing for home, you'll not leave anything behind.

Shurfine FIRECRACKER SPECIAL!
SALAD DRESSING
1 QT. JAR
39¢

Shurfine FIRECRACKER SPECIAL!
FROZEN LEMONADE
3 Cans For
29¢

Shurfine FIRECRACKER SPECIAL!
SANDWICH COOKIES
1 1/4 LB. BOXES
2/49¢

CELEBRATE THE 4TH WITH...

FOOD

YOU MAY EXPLODE... BUT YOU'LL LOVE IT!

Shurfine FIRECRACKER SPECIAL!
Shurfresh CHEESE SPREAD
2 LBS
69¢

Shurfresh CRACKERS
1 Lb. Box
19¢

These Prices Continue To Be In Effect Through **MONDAY JULY 3**

LUNCHEON MEAT SHURFINE 12 OZ.	3 for \$1
SHURFRESH 1 LB. Margarine	2 for 39¢
SHURFRESH SLC. AMERICAN 6 OZ. Cheese	2 for 49¢
10-9 OZ. COLD Dixie Cups	2 for 29¢
SOFLIN ROLL WHITE 150 Paper Towels	2 for 39¢
WAXTEX 100' Waxed Paper	2 for 39¢
SHURFRESH 8 QT. Instant Milk	59¢
SHURFINE PINEAPPLE-GRAPEFRUIT 46 OZ. Drink	2 for 59¢
SHURFINE PINEAPPLE-ORANGE 46 OZ. Drink	2 for 59¢
SHURFINE 12 OZ. Tuna	4 for \$1
SHURFINE 5 1/2 OZ. Potted Meat	2 for 29¢
SABA-DAY ASSTD COLOR '40-9" Paper Plates	49¢
SOFLIN FACIAL 400's Tissue	3 for 59¢
SHURFINE 1 OZ. Vienna Sausage	5 for \$1
SHURFINE 20 OZ. Grape Jelly	3 for \$1
SHURFINE 18 OZ. Peanut Butter	49¢
SHURFINE HAMB. SLI. DILL 22 OZ. Pickles	2 for 59¢

ARROW BRIQUETS 10 LB.	49¢
SHURFINE SWEET 22 OZ.	39¢
SOFLIN RAINBOW 60's	2 for 19¢
SHURFINE 14 OZ.	5 for \$1
SHURFINE 16 OZ.	2 for 29¢
SHURFINE BOOK 50's	2 for 29¢
SHURFINE ELBERTA 303 CAN HALVES or SLICED	5 for \$1
SHURFINE STUF. MANZ. THR. 3 OZ.	2 for 49¢

MEAT Specials

Close Trimmed **CLUB STEAK** Lb. **79¢**

Borden's Charlotte Freeze
MELLORINE
1/2 Gallon Assorted Flavors **39¢**

SUMMER PRODUCE SAVINGS

California Firm Head LETTUCE Lb.	10¢
Golden Ripe Central American BANANAS Lb.	10¢
California Sunkist LEMONS Lb.	15¢
California Pascal Celery Hearts Pkg.	27¢

Wilson's Will Be Closed Tuesday, July 4

Shurfine FIRECRACKER SPECIAL!
BEANS & PORK
10 CANS ONLY
10/\$1

Bovina Headquarters

For

COSDEN

Premium Oils And Greases
*** High Quality**
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Personalized Butane Service

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LESTER RHINEHART BUTANE GAS CO.

Armour Star Fully-Cooked HAM 5 Lb. Can Only	\$3.99
Wilson All-Meat BOLOGNA Lb.	39¢
Wansing's All-Meat WIENERS 1 Lb. Pkg.	49¢

- Double GUNN Bros. stamps Wednesdays with purchase of \$2.50 or more -

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PARMER COUNTY'S FINEST

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SUPER MARKET
BOVINA

THE HIGH PLAINS FARM AND HOME

Plains Cotton Growers Set Aim On Quality

Consistency in production of better quality cotton is one of the long-range goals of cotton producers on the Texas High Plains and proof that this is underway and that progress is being made is evident in the 1960 cotton Quality Survey recently released by the Plains Cotton Growers, Inc.

Cotton on the High Plains in 1960 showed an average grade of Middling Minus in the white cotton, and a full Middling grade in the Light Spotted cotton. These two groups account for about 86% of the 1960 crop, George W. Pfeiffenberger, Executive Vice President, explained.

The remaining 16% of the 1960 crop did include some 7% spotted cotton and wastes totaling 4 1/2%, and all others

such as grays, tinges and light grays totaled 2 1/2%.

Average staple length of the 1960 crop on the High Plains was 30.7 thirty-seconds inch with more than half of the crop, 52%, measuring 31/32 inch or longer.

The micronaire average of the 1960 crop was 3.7 with 2/3 of the crop testing 3.5 or better. Pressley fiber strength averaged 77,000 pounds per square inch with 2/3 of the crop testing above 75,000 pounds.

In 1959 on the High Plains white cotton averaged only Strict Low Middling plus in grade and Light Spots averaged Middling. In that year 61% of the cotton was graded as White cotton and about 34% Light Spotted. Average staple length in 1959 was 30.5 thirty-seconds inch with about 45% measuring 31/32 - inch or longer. Micronaire was only 3.4 with about 45% above 3.5 and Pressley fiber strength averaged was 75,000 pounds with about 47% 75,000 and above.

In 1958, the all-time record high in production on the High Plains when 2,025,000 bales were produced, White cotton that year averaged Strict Low Middling in grade and Light

Spots averaged Middling. A whopping 71% of the crop that year was White cotton and about 26% Light Spots and 2 1/2% Full Spots. Average staple length was 30.9 thirty-seconds inch with some 63% measuring 31/32 inch and longer. Micronaire average that year was 4.0 with 81% 3.5 or above and Pressley fiber strength was 74,600 pounds with about 47% testing 75,000 and above.

Statistics from the Area Farm Management Specialist John Seibert of the Texas Extension Service, show that High Plains farmers had a yield of about 430 pounds of lint off of cotton in 1960 which produced an approximate net return per acre of some \$40.13 for an approximate cost to produce a pound of lint of 18.7 cents.

The 1960 cotton crop was produced off of 2,152,245 harvested acres for a total yield of approximately 1,942,787 bales in the 23 member counties of the High Plains.

Prospects continue to look as good in 1961 since additional acreage is available and farmers will have 2,442,627 allotted acres available for planting. At present planting operations are from 80 to 85% complete.

Wheat Streak Mosaic Virus Lowers Yields

Wheat yields are being lowered in many Panhandle counties due to infections of wheat streak mosaic virus. This disease causes light green to yellow streaks in leaves and heads do not fill normally, advises Harlan Smith, extension plant pathologist.

A microscopic mite transmits the virus from infected native grasses or volunteer wheat to planted wheat. He points out the mite responsible for transmission of this disease is the tulip mite and not the commonly known brown wheat mite.

When the mite is present in large numbers, one may note that top leaves are severely

rolled. Mites may be found inside these rolled leaves but only with the aid of a hand lens or microscope.

Early planted wheat is more severely attacked. Late planting, from late September to mid-October, seems to give best control of the disease. This allows growers time to destroy volunteer wheat and frost to kill native grasses so the virus cannot be transmitted to planted wheat.

Volunteer wheat should be destroyed two or three weeks before planting the new crop so mites responsible for transmission will be eliminated.

Get Johnsongrass With Spot Oiling

Johnsongrass can be eliminated from Texas cotton fields in one season through the use of proper cultural methods supplemented by spot spraying, says Glenn Black, extension cotton specialist.

Herbicide oil such as napha should be used early in the season while cool weather prevails. Diesel or kerosene give best results during warmer weather. Water solutions of sodium dalapon or other chemicals are also effective, Black says. Oils are commonly applied to the crown of Johnsongrass near the ground while water solutions are applied as foliar sprays.

The specialist states that a half and half mixture of naphtha and diesel oil or naphtha and kerosene are oil sprays commonly used in warmer weather. Oil mixtures may be used for econ-

omy with C-56 added for increased toxicity, or for a combination of contact toxicity and residual effectiveness. Oil sprays kill on contact when applied to the crown of Johnsongrass sprouts 6 inches or less in height.

Sodium dalapon is usually used at the concentration of 20 pounds in 100 gallons of water. It is applied to the foliage and is a translocated herbicide but also has a residual effect.

A man on foot using a hand sprayer does the best and safest job of spot-spraying Johnsongrass in crops, according to Black. He suggests a visit with the local county agent for complete details on this cost-cutting practice in cotton production. Ask the agent for a copy of B-902, "Spot Spraying Johnsongrass."



THDA CHAIRMAN ADVISES DELEGATES--During a brief business session following the Farmer County HD Council meeting Monday afternoon, Mrs. Winburn Hardage, left, instructed delegates to the state HD convention at San Angelo on routine procedures. Pictured with her are Mrs. Vernon Symcox, president of the council, and Mrs. Rene Snead, who acted in the capacity of secretary.

Plans Made For Countywide Luncheon

During the business session of the Farmer County Home Demonstration Club Council Monday afternoon in the community room of the Friona State Bank, plans were made for the countywide luncheon to be held in September.

An invitation was extended by members of the Black club for the luncheon to be held at the community house in that community.

Work done by members of the local 4-H Club was exhibited by Etie Musil, County Home Demonstration Agent, who was a guest. A style show is being planned for 4-H girls July 14.

Following the council meeting Mrs. Winburn Hardage gave instructions to delegates to the state convention at San Antonio in August.

Members present were Mrs. Winburn Hardage, Mrs. Rene Snead, Mrs. Fern Barnett, Mrs. Floyd Brookfield, Mrs. John Hand, Mrs. Vernon Symcox, Mrs. W. T. Magness, Mrs. J. R. Cocanougher and Mrs. Clyde Hays.

Grooming Important

Good grooming counts for appearance as well as for morale. A lovely garment often is spoiled by a lack of good grooming. On the other hand, a garment which in itself is not particularly outstanding may become attractive when worn by a well-groomed person.

Anyone can be well groomed. A special program, "Clothing Accessories" and "How to Walk, Sit, and Stand" will be presented by the county home demonstration agent, Miss Etie Musil. All homemakers are invited to attend this program Thursday evening, June 1 at 8:00-9:30 p. m. in the Oklahoma Lane Community Center.

Two basic dresses will be accessorized to appear as casual, Sunday best, and party dresses. Fashions in hats, gloves, bags, and shoes will be demonstrated and how to wear or carry these accessories will be practiced.

The way a lady walks, sits, and stands influences the overall appearance of the garment. Practice periods will be allowed during the program. Facial make-up is very important in a well-groomed appearance. Many tricks of applying makeup will be demonstrated.

Included on the program too will be the modeling of leaders and homemakers participating in the recent Basic Clothing Workshops.

All homemakers and teenage daughters are invited to attend the county-wide program.

Bench-Levelled Land Outproduces Slopes

Grain Sorghum
Grain sorghum planted on benches produced a higher yield than the same amount planted on sloping land in the water conservation study conducted by James C. Valliant, Water Engineer at the High Plains Research Foundation.

None of the water was wasted on the benched acres, which had a total irrigation application of 16.9 inches. A yield of 5,795 pounds of grain sorghum produced a gross return of \$81.71 on the bench. The pumping costs, at \$9 per acre-foot, totaled \$12.69, giving a net return of \$69.02.

Two slope areas were tested in comparison with the benched area. Number 1 slope had the same irrigation treatment as the bench. There was a loss of 2.5 inches through run-off, which amounted to 15%. The net return on 3,900 pounds of grain sorghum was \$42.30. Slope Number 2 had 24.5 inches of irrigation water applied at a pumping cost of \$18.36. The run-off loss was 5.9 inches or 24% of the total application. The yield was 3,500 pounds per acre, which gave a net income of \$30.99 per acre. Each plot had the same fer-

tilizer treatment of 80 pounds of nitrogen and 40 pounds of P2O5. The crops were cultivated twice with a sweep cultivator and twice with a flame cultivator.

One benched and two sloping areas were planted in cotton on May 5th and replanted on May 26th, in an irrigation comparison test at Halfway. These tests followed the same plan as that used on grain sorghum.

Ten and nine-tenths inches of irrigation water was applied to the benches and the number one slope. Seventeen and nine-tenths inches of irrigation water was applied to slope number two. The run-off was none on the bench, 2.7 in./A. on slope number one and 5 in./A. on slope number two. Twenty-five per cent of the water was wasted on slope number one and twenty-eight per cent on slope number two. The net return from the benched area on 720 pounds of lint was \$175.00. On slope number one, with 790 pounds of lint cotton per acre, the net return was \$188.77. On slope return was \$203.16. The results from these tests indicate that cotton is a much better crop to plant on sloping land than grain sorghum. The irrigation test will be continued, to give further data on the most efficient management of sloping land.

New Equipment Enlarges Water Research At Halfway

Installation of new irrigation equipment has permitted the enlargement of the water conservation research program at the High Plains Research Foundation. James Valliant, Assistant Water Engineer said, "The new facilities will provide an opportunity to enlarge the studies on irrigation and recharge well problems for the benefit of farmers on the High Plains."

New equipment includes 2,100 feet of 12-inch underground concrete pipe contributed and installed by the American-Marietta Company of Littlefield, Texas. Five hundred feet of this pipe was the thick wall type and 1,600 feet was the standard 12-inch concrete pipe.

The drilling of the new recharge well, located at the Playa Lake in the southwestern part of the Foundation farm at Halfway, was contributed by Bud Gibbons of Plainview, Texas. The 301 feet of 15-inch steel casing for the new recharge well was a gift from Pioneer Natural Gas Company, Transportation of the pipe from Amarillo to Halfway was donated by Jay Taylor of Amarillo, Texas.

A new pump for the well was presented by Green Machinery Company of Plainview, Texas. This company, with the Chrysler Corporation, contributed the Chrysler engine. Swayze Brothers of Plainview dug the intake ditch for the pipe to the new well.

Dr. Tom C. Longnecker, Director of the Foundation, expressed the appreciation of the staff and of the Board of Trustees for these gifts. In announcing the gifts he said, "The additional facilities will materially advance the water conservation studies for more information urgently needed to protect the future irrigation economy of the Hi Plains area."

The wonderful assistance of the above firms and many others

in making these water conservation research facilities available shows that many people are aware of the seriousness of the water situation and are willing to do something to help correct it."

Courthouse

INSTRUMENTS FILED FOR RECORD WEEK ENDING JUNE 24, 1961 County Clerk's Office, Farmer County

MML, Norbert Schueler, Farmer County Pump Co., SW/4 Sec. 29 & SE/4 Sec. 32, T2N, R1E

D.T., W. D. Moore, Amicable Life Ins. Co., N/2 Sec. 1, Kelly "H" and S/21.5 a. Sec. 29, T5S, R4E

W.D., J. F. Vestal, Bill Christian, Inc., Part Lot 3, Blk. 71, Bovina

W.D., A. L. Glasscock, et al, Bill Christian, Inc., Blks. 72, 73, 92, 93, 94, 95 & 115, Bovina

D.T., Bill Christian, Inc., A. L. Glasscock, et al, Blks. 72, 73, 92, 93, 94, 95 & 115, Bovina

W.D., F. L. Carson, David H. Carson, Part Sec. 28 & 29, Synd. "C"

W.D., Charles Allen, Tr., David H. Carson, Part Sec. 28 & 29, Synd. "C"

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Smut Major Threat To Grain Sorghum

Head smut disease of grain sorghum occurs in all areas of Texas. Losses are likely to range from 0 to 25 per cent in the Coastal Bend area of Texas. The disease, in recent years, has been building up in other areas, and losses of 5 to 10 per cent are not uncommon. The value of badly infested land is lowered.

Close examination of the stalk near harvest is necessary to determine disease loss. With many infected varieties and hybrids, the head is sterile. In such cases, the blackish, powdery smut is found by pushing the leaves and checking lower on the stalk. On other varieties and hybrids, the main head, will be smutted and destroyed.

In harvesting a badly-infested field, smut comes by a whitish membrane. The membrane soon breaks and allows the black dust (spores) to be scattered by the wind and rain. The fungus disease overwinters as spores in old plant trash or in the soil.

The following spring and summer the spores germinate and produce smaller spores of another type, which in turn, infect the sorghum plants through the roots. The fungus grows up through the roots and stalk to complete its life cycle. Infection of the root may occur at any time during the growth of the sorghum.

In the absence of grain sorghum, disease spores in the soil gradually die. However, some may remain alive for an undetermined number of years. The fungus builds up in the soil when regrowth is allowed to develop.

When head smut is expected to be serious, it is recommended that growers avoid the use of highly susceptible varieties and hybrids. Highly susceptible are Combine 7078, RS 610, RS 608, AMAK R-10, and AMAK R-12. The use of rather susceptible varieties and hybrids such as F 62a, E 56a, Redline-60 and Texicoa 54, in heavily infested soil is

questionable. The growing of adapted hybrids with a higher degree of tolerance to head smut is highly recommended. Resistant hybrids may be observed in experiment station tests and in demonstrations conducted by county agents. Several strains of the fungus occur and this has made more difficult the development of resistant hybrids.

Plan Now To Use Burs This Fall

Every year more and more Texas cotton is machine harvested, resulting in a larger supply of cotton burs at the gin. To dispose of these burs, most ginners burn them, thereby increasing the fire hazard.

Research by the Texas Agricultural Experiment Station has proven, however, that there is a better use for this gin waste. These burs, when applied to the land, will increase cotton yields. In a 4-year study at Lubbock, the use of cotton burs under nonirrigated conditions increased lint yields by an average of 27 pounds per acre, and the residual effect increased yields by 28 pounds per acre for 5 years.

Liberal application of burs results in a better soil-water relationship, thus letting crops use the available moisture more effectively. Soils to which cotton burs have been added are also more resistant to wind and water erosion, and they may have a better infiltration rate. Angular leaf spot, verticillium wilt or cotton seedling diseases have not shown any increase on land receiving six annual applications of burs at Lubbock. In years favorable to angular leaf spot infection, it was more serious where no burs or fertilizers were applied.

Cotton insects which reduce yields and lower grades have not built up to a point in the bur-treated soil that they nullify the advantage of using burs. In 1951, cotton burs were released by the State Department of Agriculture and the Department of Plant Quarantine for use on the land, provided certain standards in methods of handlings were met by ginners in order to destroy any pink bollworms present.

Knock Out 1962 Root Rot Now

To reduce "dying-off" or root rot, a cotton farmer needs to know when dry weather is expected for 10 days to 2 weeks. When dry weather follows deep plowing, root rot will be reduced, says Harlan E. Smith, extension plant pathologist.

Soil should be plowed 6 to 18 inches with a disk or moldboard type. The drying of the soil that follows help to kill the root rot fungus. Deep plowing and drying helps to kill old cotton roots and roots of susceptible weeds that harbor the root rot fungus.

rotation in itself will not reduce root rot. However, a rotation using deep plowing and burying of organic matter will reduce root rot.

Because of different amounts of rain each year, no single practice is likely to reduce root rot everytime. A combination of practices carried on for a number of years is necessary for best results, says Smith.

For further information, ask your county agricultural agent for a copy of the publication, MP-361, "Root Rot Losses of Cotton Can Be Reduced."

A. M. Meekma, extension dairy specialist, says most dairy herds would produce enough additional income to pay the farm taxes if every cow produced a calf every year. Breeding problems prevent most herds from reaching this goal, however, and the resulting loss amounts to millions of dollars annually. If your cows require three or more services per conception, you've got trouble. Consult your veterinarian before you lose more money.

Foundation seed for Caldwell, a new cold-hardy, high-yielding winter flax, have been released to Texas seed producers. This new variety is the highest yielding winter-type flax that can be grown in Texas and may eventually replace much of the spring-type now grown in the State. A limited amount of certified seed will be available for farm planting this fall.

BILLIONS OF BUGS DEFY MAN... SCIENCE

MORE INSECTS INHABIT THE EARTH THAN PEOPLE

INSECTS DO \$5 BILLIONS DAMAGE EVERY YEAR

MAN'S FUTURE ON OUR PLANET MAY DEPEND ON HIS KNOWLEDGE OF THE INSECT WORLD

PEST CONTROL POSSIBLE THROUGH...

CHEMICALS BIOLOGY INSPECTION RADIATION

The 4-H entomology program is now at its peak. Some 56,000 young bug hunters from coast-to-coast are engaged in the Hercules Powder Company sponsored 4-H awards program supervised by the Cooperative Extension Service.

Prepared by National 4-H Service Committee

National Farm Safety Week July 23-29

The period from July 23-29 has been designated as National Farm Safety Week by a proclamation released by President Kennedy.

The President called attention to the fact that more than a million farm residents are injured and thousands are killed each year in accidents and that these accidents bring suffering and sorrow to our farm families and inflict heavy economic losses upon both the farm community and nation. The safety of these people, he continued, who produce our food is of vital concern to all our citizens.

President Kennedy is urging all persons and organizations

Here are pointers from Lee Coffey, extension agronomist, on seed buying. He says planting on seed are tagged to protect the farmer. The Texas Seed Act requires that all seed offered for sale at a seed store carry a tag showing the percentage of weed seed and the number of primary and secondary noxious weed seeds per pound. Coffey says it's very expensive to plant weed seed because of the cost of getting them out of a crop. Read the tag and get the best seed available. They are cheapest in the long run, says the agronomist.

Things are what they are--then consequences will be what they will be.

interested in the safety of farm people to support and participate in this special endeavor to help reduce the number of farm accidents. He asked farm residents to remember that "Safety is a Family Affair."

In Texas, plans are going forward for the observance of the Week, reports the Texas Farm and Ranch Safety Council. In many counties extensive programs will be carried out, emphasizing that safety is a family affair. County extension agents, 4-H Club members and their leaders, farm and community organization leaders and others with a deep interest in the promotion will contribute to the overall plans.

The Councilmen said that in many counties a different phase of farm and home safety would be emphasized each day during the week; Sunday, reverence for life; Monday, safety begins at home; Tuesday, agricultural chemicals; Wednesday, prevent falls; Thursday, highway safety; Friday, farm machinery and Saturday, recreation safety.

The failure of rural people to observe safety in their daily living is a chief contributor to their safety record. The Council said this record includes a disabling injury accident every 32 seconds and a death every 45 minutes to farm residents of the nation. The council concludes it is time to stop this needless waste from accidents since most could be prevented.

What About Chemical Poisoning In Foods?

Ever since the state of public water fluoridation for the sake of dental health and the cranberry contamination scare of recent years, there has been growing concern in Texas and elsewhere that we are being "poisoned" by our progress in chemistry.

The fact is that there is no evidence to indicate that any material approved for use in agriculture or public health has proven detrimental to man in connection with his diet.

The cause for alarm in practically every instance has been the peddling of misinformation, half-truths, statements out of context and concocted stories by seekers of notoriety. These alarmists are often food-faddist or well-intentioned but uninformed people who believe that nothing wholesome ever came out of a chemical factory.

Actually, a vitamin is a vitamin whether it's made in a chemical factory or whether it comes from an orange. Oranges, especially Texas oranges, of course, are one of our best sources of natural Vitamin C, and in taste far superior to a vitamin pill.

Fluoridation of water--which must be exacting and carefully controlled--has reduced dental decay in youngsters by 50 to 60% in those communities which follow competent scientific advice. Anti-fluoridationists claim there's a difference between natural and artificially fluoridated water. Water with the mineral nutrient fluorine added and food enriched with vitamins have as much purity as ever and certainly more wholesomeness.

To cite an example close to home, in recent years there was a sudden alarm sent against use of a chemical cotton defoliant containing arsenic acid because some Texas cottonseed oil products were found to have six parts arsenic acid per million. This seemed shocking and dangerous to the uninformed who weren't aware that arsenic acid is also a by-product of seafood and that a small shrimp cocktail contains a harmless 150 parts arsenic acid per million. The alarm was soon quieted.

Insecticides, certainly no aid to food enrichment as such, are nonetheless vital to production of healthy and undamaged foodstuffs. Use of such chemicals is carefully controlled and, despite fears and shoutings of alarmists, there is no record of any cancer or other serious human illness resultant from use of agricultural chemicals on food crops.

Fortifying of food is one of the outstanding advances of public health of all times. Vita-

min D added to milk and other foods has helped abolish rickets. Salt with iodine added has practically eliminated simple goiter.

We have the best and finest food in history--also the safest.

Thanks to the many responsible companies that have in mind the welfare of the people as well as profits and the capable professional staff of the Food and Drug Administration, we can be confident and unafraid.

... it's no secret

"Why, I just read where some government bureau that reports on statistics says that electric service costs me only one and one-third cents out of each dollar that we spend at our house."

"Then I found out that the more hours I use Reddy Kilowatt -- he's the electric servant, you know -- the less he charges for each hour."

"You say your electric bill is higher? Oh, ours is, too, but we're using twice as many appliances as we did 10 years ago. Skillet, television, hair dryer, clothes dryer, why, those are just a few of our new ones. You're probably using a lot more appliances, too."

"On top of everything else, my Public Service neighbor told me the average hourly wage for that little fellow we were talking about, Reddy Kilowatt, is 21 percent lower than it was 10 years ago."

"I can't think of anything else that costs less today than it did in 1951. Can you?"



P.S. The government bureau the lady is talking about is the Bureau of Labor Statistics, Consumers' Price Index.



Recharge Wells Still Have Their Problems

Rainfall runoff that collects in wet-weather lakes is the only known economic source of surface water for use in replenishing the ground-water supply in the southern High Plains of Texas.

Attempts have been made for many years, by the High Plains Underground Water Conservation District and others, to reclaim a part of this runoff water by draining it through wells into the fresh-water bearing underground formation. These attempts have been only partly successful. Complete success has been deterred primarily due to clogging of the water-bearing sand.

The recharge well, usually a normal production well with minor modifications, clogs and eventually will neither take recharge water nor give up production water. The clogging results as the lake water, laden with suspended solid particles of silt and clay, drains into the underground formation through the well. The formation acts as a filter and extracts the solids from the lake water. Over a period of time, the formation

adjacent to the recharge well filters out such a tremendous amount of silt and clay that it becomes overburdened and ceases to function in the efficient manner necessary to recharge an appreciable quantity of lake water.

In an effort to overcome this problem, it was suggested that perhaps an irrigation pump should be installed in the recharge well and pumped at intervals to recover the particles causing the clogging. This helped to prolong the useful life of the recharge well.

Test have shown that not all the solids drained into the well during recharge can ever be pumped back out that same well. It can, therefore, be assumed that even a well that apparently functions trouble-free will in time become inefficient.

The High Plains Water District has recently installed a combination recharge well and filter

system near the Allmon Gin in southwest Floyd County. This project is an experiment to determine whether the major portion of silt and clay can economically be filtered from the lake water before using it for recharge.

The filter system consists of 500 feet of 16-inch steel shutter screen laid horizontally in a ditch cut in the lake bed, and backfilled with pea gravel.

When the lake fills with runoff water the gravel-covered pipeline will be submerged. The lake water will filter through the gravel into the shutter screen and ultimately drain by gravity into the recharge well.

According to the High Plains Water District, the question to be answered is, "will the gravel filter extract enough silt and clay from the lake water to add appreciably to the trouble-free life of the recharge system and still allow a sufficient quantity of water for recharge."

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Ph. 9001

Effect of different rates and ratios of nitrogen and phosphate on yield and net return of cotton.

Treatment 1/	Yield 2/	Increase 3/ over Check	Value of Increase @ \$26.51 cwt.	Fertilizer Cost 4/	Net 5/ Return
Check	621	---	\$	\$	\$
0-40-0	628	7	1.86	3.56	- 1.70
0-80-0	605	-16	-4.24	7.12	-11.36
40-0-0	654	33	8.75	2.96	5.79
40-40-0	654	33	8.75	6.52	2.23
40-80-0	690	69*	18.29	10.08	8.21
40-120-0	710	89*	23.59	13.64	9.95
80-0-0	648	27	7.15	5.92	1.24
80-40-0	654	33	8.75	9.48	- .73
80-80-0	700	79*	20.94	13.04	7.90
80-120-0	681	60*	15.91	16.60	- .69
120-0-0	661	40	10.60	8.88	1.72
120-40-0	638	17	4.51	12.44	-7.93
120-80-0	697	76*	20.15	16.00	4.15
120-120-0	690	69*	18.29	19.56	-1.27

Effect of different rates and ratios of nitrogen, phosphate, and potash on ginning percentage and fiber quality of cotton.

Treatment 1/	Ginning %	Grade	Staple 2/	Micronaire	Pressley 3/
Check	25.6	LM+	30	3.60	83.7
0-40-0	26.7	LM	30	3.05	82.8
0-80-0	26.2	LM+	31	3.50	86.7
40-0-0	27.5	LM	30	3.55	90.1
40-40-0	28.5	SLM, Lt Sp	30	3.00	85.3
40-80-0	25.0	LM+	30	---	---
40-120-0	27.8	LM+	31	3.40	86.0
80-0-0	25.1	LM+	31	3.95	85.3
80-40-0	27.7	LM+	30	4.05	84.6
80-80-0	26.3	LM+	31	3.50	85.3
80-120-0	25.9	LM+	30	4.30	85.6
120-0-0	24.5	LM, Lt Sp	31	3.60	84.2
120-40-0	25.0	LM, Lt Sp	30	3.20	83.5
120-80-0	25.6	LM+	30	3.15	84.5
120-120-0	26.9	LM+	31	3.70	86.2

Daily Care Of Hogs Pays Off

Most everyone has heard the fable of the tortoise and the hare, but how many people have realized the truth in this tale? Dr. C. M. Patterson, extension veterinarian, believes that livestock producers, especially hog growers, can learn from the patient turtle.

The swine producer who leaps hare-like for the bottle of "wonder-drug" when his hogs are ill will fall way behind the thorough, patient husbandman who has followed a program of disease and parasite prevention.

True, day to day attention to details which insure the health of a swine herd is not very spectacular, but it is far and away better than reliance on drugs, says Patterson. Treatment alone does not provide the complete answer to the problem of profitable swine production.

An effective health program for swine must, Patterson advises, provide a clean healthy environment, prevent exposure of animals to disease-producing agents, provide for early detection and identification of diseases and parasites, provide for early treatment selected and applied on the basis of diagnosis, and include accurate and complete records.

Diseases and parasites cost \$15.50 from every \$100 net profit realized from hog production. Baby pig diseases cost producers \$438 million yearly and hogs cholera and erysipelas siphon off \$75 million each year. Patterson says these could be cut drastically if proper herd health measures were followed.

Detailed information on setting up a herd health program can be obtained from local veterinarians.

FOOTSAVING EDUCATION



by James E. Edwards

Is Diet Important To Good Foot Health?

IT is more important than we know. There is a popular belief that the Negro race is hereditarily flat-footed. But the feet of Negro children in the North are no worse or better than the feet of white children. Why?

The slight change in geography would not affect hereditary factors.

Could it be because the Negro who comes North is better able to provide his children with a varied diet that includes all of the essential foods? (This I believe.)

If that is the case, the Negro in the South never did inherit weakfootedness — he "inherited" a deficient menu.

If that is the case, an improved diet might be the answer for all weakfooted children.

Instead of arch supports maybe we should give our children a more complete diet. I'm only guessing but I do know that arch supports must be very hard to chew.

Edwards' SHOE STORE

Successors to Olivers' 512 MAIN CLOVIS, N. MEX.

1960 Cotton Fertilizer Tests

Six separate fertilizer tests at the Foundation included the following comparisons: (1) rates and ratios of nitrogen and phosphate; (2) preplant versus sidedressed applications of nitrogen; (3) six sources of phosphate; (4) different methods of phosphate placement; (5) various treatments of magnesium, potash, and trace elements; and (6) four sources of nitrogen.

All of these tests were conducted on Pullman clay loam soil. Because of wet weather, seed bed preparation was limited to disking and bedding.

A preplant irrigation of four inches was made to the entire test area on April 8. Planting was begun May 13 and continued through May 13. Cold, wet weather during this period resulted in an Ascochyta infection (wet-weather blight) and seedling diseases to the extent that most of the plants were killed or severely stunted.

On June 16, all tests (except the phosphate placement test which had been planted May 13) were limited to little more than a bale per acre and the effects of fertilizer were nullified in many cases, since the short growing season tended to eliminate plant nutrients as a limiting factor.

Acid delinited Gregg cotton seed were planted in all tests at the rate of 20 pounds per acre.

On May 26 the phosphate placement test was sprayed for thrips. On July 14 all the fertilizer tests were sprayed for thrips and flea hoppers.

Because of the late replanting and heavy rains during June and July, only one irrigation was made during the growing season, on August 17. The test

which was not replanted received two irrigations, on August and August 17. Rainfall from March through September totaled 22.7 inches, of which 17.64 inches fell in June and July.

All plots were defoliated on October 22. This defoliation treatment produced a drying effect and caused a greater percentage of the bolls to open before the hard freeze.

Rates and Ratios of N and P2O5 Rates of 40, 80, and 120 pounds per acre of nitrogen and phosphate were applied alone (except for the 120 pound rate of P2O5) and in all possible combinations on April 28 and 29.

Nitrogen was applied as ammonium nitrate (33-0-0) and phosphate as 20% super phosphate (0-20-0), in bands 20 inches apart (ten inches on each side of the row).

The results of this test are shown in Table 1. The yield with no fertilizer was 621 pounds lint per acre compared with 710 pounds produced with a combination of 40 pounds nitrogen and 120 pounds of P2O5 per acre. This treatment also gave the highest net return of \$9.95 above the fertilizer cost.

Most treatments did not significantly affect the yield. This illustrates the fact that fertilizer response is dependent on the growing season and that little response can be obtained from fertilizer on cotton planted as late as June 16.

Phosphate alone had no beneficial effect on yield and nitrogen alone gave only small increases. But, a combination of 80 or 120 pounds of P2O5 with 40, 80, or 120 pounds of nitrogen produced yield increases of 60 to 89 pounds of lint per acre in each case. The results show a more consistent response to phosphate fertilizer than had been obtained in previous tests.

This suggests that the phosphate level of our soil is being lowered by removal through high crop yields, to the point that phosphate applications are necessary for maximum yield. Table 2 shows that neither ginning percent nor fiber qualities were affected appreciably by any of the fertilizer treatments.

Time of Nitrogen Application In this test 30, 60, 90, and 120 pounds of nitrogen were applied, both preplant and sidedressed, and in split applications totalling these same amounts. Ammonium nitrate (33%N) was the source of nitrogen used. A uniform application of 80 pounds of P2O5 in the form of 20% super phosphate was made to all plots except the no fertilizer check.

The preplant applications were banded 10 inches from the row on April 28-29 and the sidedressed applications on July 27. This late sidedressing was due to the late replanting and heavy rains during July.

NEWS FROM THE FARM BUREAU

BY RAYMOND EULER

We are all happy for the wheat farmers who have been able to harvest their wheat without much interruption by bad weather. We don't remember any year when test weight was as high-generally as it is this year.

July 3, about eight thirty in the evening, will be the time of the next regular directors meeting in the office here in Friona. Herman Gerles, your president and other officers and directors welcome you to attend if you would like to know what goes on, and if you have any suggestions to make. All of these meetings are devoted to the carrying out of policies adopted by the membership in the annual meeting of last October.

We do not recall any farm program that has had so many different views presented continuously in the news as the Cochrane-Freeman bill is enjoying (?) The meeting held in central Texas last week at which Mr. Freeman was speaker has been heralded by proponents of the bill as another place where all farmer groups gave endorsement to it.

Farm Bureau has written some of the "endorsing" organizations and found that some of them either did not endorse at all or that they reserved the right to advocate certain changes in the program before they could fully endorse it.

Texas Farm Bureau, the largest farm organization, with 81,000 members was not invited to attend the meeting. Farm Bureau policies would have required a complete rejection of the program, had there been representatives

present. According to J. H. West, TFB President, two of the largest commodity groups in Texas did not attend or endorse the proposed program. They are the Texas and Southwestern Cattle Raisers' Association and The Texas Sheep and Goat Raisers Association.

It is quite apparent that minority groups who have already expressed approval of the program are the ones who are invited to such meetings so that the expression, "Overwhelming Approval" can be used in news releases.

CONSIDER THIS: Lay not wait, O wicked man, against the dwelling of the righteous; spoil not his resting place; For a just man falleth seven times, and riseth up again; but the wicked shall fall into mischief. Proverbs 24:15-16

The story of man and the dairy cow are closely linked. It goes back to the very beginning of civilization. In America the first dairy cattle were shipped to Jamestown, Virginia, in 1611. From that day until the present, the dairy cow has contributed mightily to the health and economic well being of this nation, says A. M. Meekma, extension dairy specialist.

Chronic respiratory disease, the number one problem of broiler growers, can also cut deeply into the laying flock's production if the flock becomes its victim. Good flock management and a vaccination program for the disease complex which goes with CRD are the best preventives.

Wheat yields in several Panhandle counties are expected to be cut from infections of wheat streak mosaic virus. The disease causes light green to yellow streaks in the leaves and heads of infected plants do not fill out properly, says Harlan Smith, extension plant pathologist.

Nematodes Limit Production Of Garden Tomatoes

Are your garden tomatoes poor producers? If so, the plants may have been damaged by root knot. Many other vegetables may also be affected.

Root knot occurs in all areas of Texas, and is usually more common in sandy soils. The disease is caused by nematodes. Nematodes are small, microscopic worms belonging to a group of animals known as roundworms.

Plants damaged by nematodes show a lack of vigor as indicated by stunting, wilting and yellowing of the leaves. Loss of leaves often occurs. Plants may die. Vegetables are usually small and unfit to eat.

To examine suspected plants, carefully remove roots and soil with a shovel. Diseased roots have abnormal galls or knots.

Nematodes are controlled by a combination of cultural practices and the use of nematocides. Some chemicals com-

monly used for nematode control are Garden Dowfume, D-D, Nemacon, Fumazone, Nema X, Vapam and VPM. Most of these nematocides are used prior to planting. Apply as the manufacturer directs.

For further information contact your extension agent and ask for a copy of MP-356, "Plant Nematodes, Their Identification and Control."

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Africa Is Target For Grain Sorghum

Dr. J. Wayland Bennett, professor head of the Department of Agricultural Economics at Texas Technological College, will leave for Africa on June 25th to spend a month as head of an agricultural study team.

The group is scheduled to visit Liberia, Ghana, Nigeria and Sierra Leone during a 30-day tour of the country.

The announcement of Dr. Bennett's assignment was made jointly by Dr. Gerald W. Thomas, dean of agriculture at Texas Tech and Frank Moore of Plainview, president of Grain Sorghum Producers Association.

The study team director was requested through Grain Sorghum Producers Association by the U. S. Feed Grains Council and the Foreign Agricultural Service of the U. S. Department of Agriculture. Members in addition to Dr. Bennett are: Dr. John L. Milligan, head of the Broiler and Roaster Division, Ralston Purina Company, St. Louis, Missouri, Mr. Taylor A. Cisco, president and general manager, American-Liberian Development Corporation, Bloomington, Illinois, and Mr. John J. McCracken, Grain Marketing Specialist, Foreign Agricultural Service, U. S. D. A., Washington, D. C.

The team's visit is the outgrowth of increasing interest being displayed by U. S. feed producers and manufacturers in the rising economies in Liberia and other areas of Africa. Liberian business and government leaders have been exploring the various U. S. grain and credit programs which may

be available to them. In view of the strong interest and recommendation of the Grain and Feed Division of Foreign Agricultural Service, and to appraise the potential in their own interest, the U. S. Feed Grains Council is arranging for the team to tour Africa to analyze the current agriculture situation and make recommendations for future activity.

The team's travel is part of the foreign market development program initiated by the Grain Sorghum Producers Association. In addition to Frank Moore, other directors of the Association who are also directors of the Feed Grains Council as representatives of area grain sorghum producers, are: Elbert Harp of Abernathy, R. G. Peeler of Hereford and Sam Gilbreath of Dimmitt.

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Of Interest To THE WOMEN



CAROLE LYNN HAMMONDS

Engagement Revealed

Mr. and Mrs. J. T. Hammonds announce the engagement and approaching marriage of their daughter, Carole Lynn, to Roy Charles Dodson, son of Mr. and Mrs. Roy Dodson. Vows will be exchanged Sunday, August 6 at 3 p. m. at Bovina Methodist Church.

Friends are cordially invited to attend the wedding and reception immediately following in fellowship hall of the church. Formal invitations will not be sent to local residents.

BIG REDUCTIONS ON MEN'S COATS

We're Closing Out Our Present Stock Of Men's Coats - Some Of Which Were In Our Robbery - And You Can Make Outstanding Savings At Drastically Reduced Prices.

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"Nothing Knocks On Bovina But Opportunity"

Lullaby Coffee Fetes Mrs. Carson

Mrs. M. H. Carson was honored with a come and go lullaby coffee Friday morning in the home of Mrs. H.D. Bradshaw.

The honoree was presented with a corsage fashioned of infant socks.

Serving table was laid with a white cloth and carried on the lullaby theme. Cake, coffee and tea were served from silver and crystal appointments.

Calling during the morning were Mrs. Frank Smith, Mrs. Billy Malcom of Tulla, Mrs. Glenn Carter, Mrs. John Ferguson, Mrs. Don Murphy, Mrs. Earl Hise, Mrs. Authur Kent.

Hosting the occasion were Mrs. Earl Dean Boyd, Mrs. Art Mast, Mrs. Howard Looney, Mrs. F. D. Carter, Mrs. Clarence Gaunt and Mrs. Bradshaw.

Widow's Club Has Luncheon

Mrs. H. T. Hastings presented a program to members of Widow's Club last Thursday in home of Mrs. J. Sam Gaines.

Following a covered dish luncheon hosted by Mrs. Troy Armstrong and Mrs. Gaines; Mrs. Hastings presented a short program and directed some word games.

Attending were Mrs. J. R. Caldwell, Mrs. Margaret Caldwell, Miss Rita Caldwell, Mrs. Ida McSpadden, Mrs. Ola Free, Mrs. Maidee Brown, Miss Loula Smith, Mrs. Lillian Wheeler, Miss Ellen Reminsider, and Mrs. Viola Loftin, Mrs. Betty Adams, Mrs. C.O. Edens, visitors.

Next meeting is July 20 in home of Mrs. Hastings.

Picnic Honors Alfred Whites

Alfred White, minister of Bovina Church of Christ, and his family were feted with a farewell party Sunday evening at roadside park following evening worship services.

A picnic supper hosted by members of the church provided refreshments for the group.

They were presented with several gifts and a money tree following the supper.

Minister White is accepting a position as minister of Church of Christ in Olton.

Local

Mrs. Emmett Tabor returned recently from a short trip to Dallas where she visited her son and family, Mr. and Mrs. John Tabor and boys.

Mr. and Mrs. A.B. Wilkinson and granddaughters, Carole, Chris and Cathy Mast, returned recently following a trip to Dallas.

Mrs. Jesse Walling Presents Shoe Covering Demonstration

Mrs. Jesse Walling presented a demonstration on shoe covering to a group of women last Wednesday at Homemaking Cottage.

Following the demonstration refreshments of coffee and cookies were served to Mrs. Jimmy Ware and Linda, Mrs.

Blade Sawdust by SUE MOTEN

Had the good fortune to attend Texas Press Convention in Dallas the weekend past. Among tours provided for the group was a trip to "Six Flags Over Texas," a historical amusement park which will open in August. This park, according to several persons, is somewhat like Disneyland in that it is a fantasy of Texas History in amusement from. There are gunfights, saloons, boat rides, stage coach jaunts, plantation houses, and many interesting things to see that all tie in with Texas history. To go along with this shop and trade at home idea-see Texas first then go to Disneyland. Think it would be well worth the trip and the children would enjoy it! I'm sure.

Lucille Walling presented a demonstration on covering shoes to a group of women the other afternoon at Homemaking cottage and was privileged to be one of the students. This is real interesting as well as not being very difficult. An old pair of shoes made over is a real challenge plus the feeling of accomplishment and satisfaction one derives from having made something useful out of a discarded pair of shoes. Dorothy Ware, Barbara Thompson and Evelyn Crawford covered heels to match a garment and they turned out quite successful.

Wonder what happened to Bovina's street cleaner? Seems like it has been quite some time since it was used. Gutters are filled to the brim with sand and litter. Almost any day of the week you can see Marie Venable and Lucille Killough out sweeping the street in front of their establishments. This is pretty hard work with a push broom. 'Course, if we keep complaining, we may be running the street sweeper!

When Alexander Graham Bell first tried out his first telephone, I feel sure he had no worse reception than we do today when we try to call Tharp exchange. At least his would ring and he could shout into the receiver and his party could hear.

We don't even have this advantage. Most of the time a dial tone is hard to get and if this isn't the difficulty it is the fact that the phone won't ring after one gets a dial tone.

Don't think it is unreasonable, when one's work is done almost entirely by telephone to feel a little "out of snuff" when the little black voice box doesn't work. It seems that this old story of "they are working on the lines" has worn rather thin. If it took most of us that long to do our job or get anything repaired we would surely see unemployment mount to a surprising all time high.

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Mrs. Mark Charles Hosts Party Tue.

Mrs. Mark Charles hosted a products party last Tuesday afternoon in her home.

Mrs. Amy Groves of Lubbock presented the demonstration and directed several word games.

Following the demonstration refreshments of soft drinks and cookies were served to guests.

Attending were Mrs. Burl Spears, Mrs. Joe Pinner, Mrs. Jimmy Charles, Mrs. Leon Ware, Mrs. Allen Ebersman, Mrs. C.E. Trimble, Mrs. Wilbur Charles, Mrs. Billy Don Read, Mrs. James Boardman, Mrs. Don Sides, Mrs. Robert Read, Mrs. Sammy Sudderth and Miss Joyce Marshall.

Courtesy Fetes Tom Caldwell

Mr. and Mrs. Tom Caldwell and family were feted with a housewarming reception Sunday afternoon in their home south of Bovina.

They were presented with card table and chairs and several other gifts.

Approximately 50 people called during the afternoon. The serving table was laid with a white linen cloth and centered with an arrangement of roses and baby's breath in a crystal bowl. Mrs. Lee Sudderth provided the centerpiece.

Refreshments of cookies, punch and coffee were served to guests.

Hostesses were Mrs. A. M. Wilson, Mrs. Durward Bell, Mrs. R.E. Wilson, Mrs. Carl Rea and Mrs. Thomas Beauchamp.

Congratulations

Congratulations to Mr. and Mrs. Authur Vinyard of Junction City, Kan. on birth of a 5 pound 15 1/2 ounce baby boy born Sunday, June 18. He is named William Authur.

Maternal grandparents are Mr. and Mrs. A.E. Steelman of Bovina and paternal grandparents are Mr. and Mrs. P.M. Gibson of McLean.

NOTICE

Trimble Barber Shop And Jerry Rogers Barber Shop WILL BE CLOSED Monday And Tuesday July 3 And 4

Thank You - Emmett Tabor - Jerry Rogers

Barber Shop Prices Effective In Bovina, Wednesday, July 5, 1961

Flat Top	\$1.50
Haircut	1.25
Shave	1.00
Shampoo	1.25

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No bags to lift, no special pressure tanks are needed for applying Spencer URA-GREEN! Because it is a non-pressure nitrogen solution, URA-GREEN can be applied with any tank equipment. It does not require deep soil injection—can be sprayed on or dribbled on. Goes on faster because there are fewer stops for refilling! You can apply URA-GREEN yourself, or we will apply it for you!

per bushel for your corn, you would still make at least \$10.00 extra profit per acre—even after your URA-GREEN costs were paid in full!

So this year, go after extra yields and extra profits per acre with Spencer URA-GREEN. See us right away for more information on Spencer URA-GREEN—the easiest way yet to put on nitrogen!

Contains three types of nitrogen to "feed" your crops all through the growing season! Spencer URA-GREEN includes (1) quick-acting nitrate nitrogen to get crops off to a fast, strong start; (2) ammonia nitrogen, and (3) urea nitrogen to keep crops growing steadily. This smooth, even release of nitrogen helps your crops make higher yields per acre, higher profits per acre!

URA-GREEN is recommended for corn, cotton, small grains, pastures, sorghum, millet, sudan grass, rice, cabbage, tomatoes, sugar beets, grass, hay and most other crops. URA-GREEN can be used as a plow-down application, as a top-dressing, or for side-dressing. And just look at the results you will be aiming for when you use URA-GREEN:

Results show that on corn, for example, you can expect to get twenty extra bushels of corn per acre by applying 80 pounds of actual nitrogen per acre. If you got \$1.10



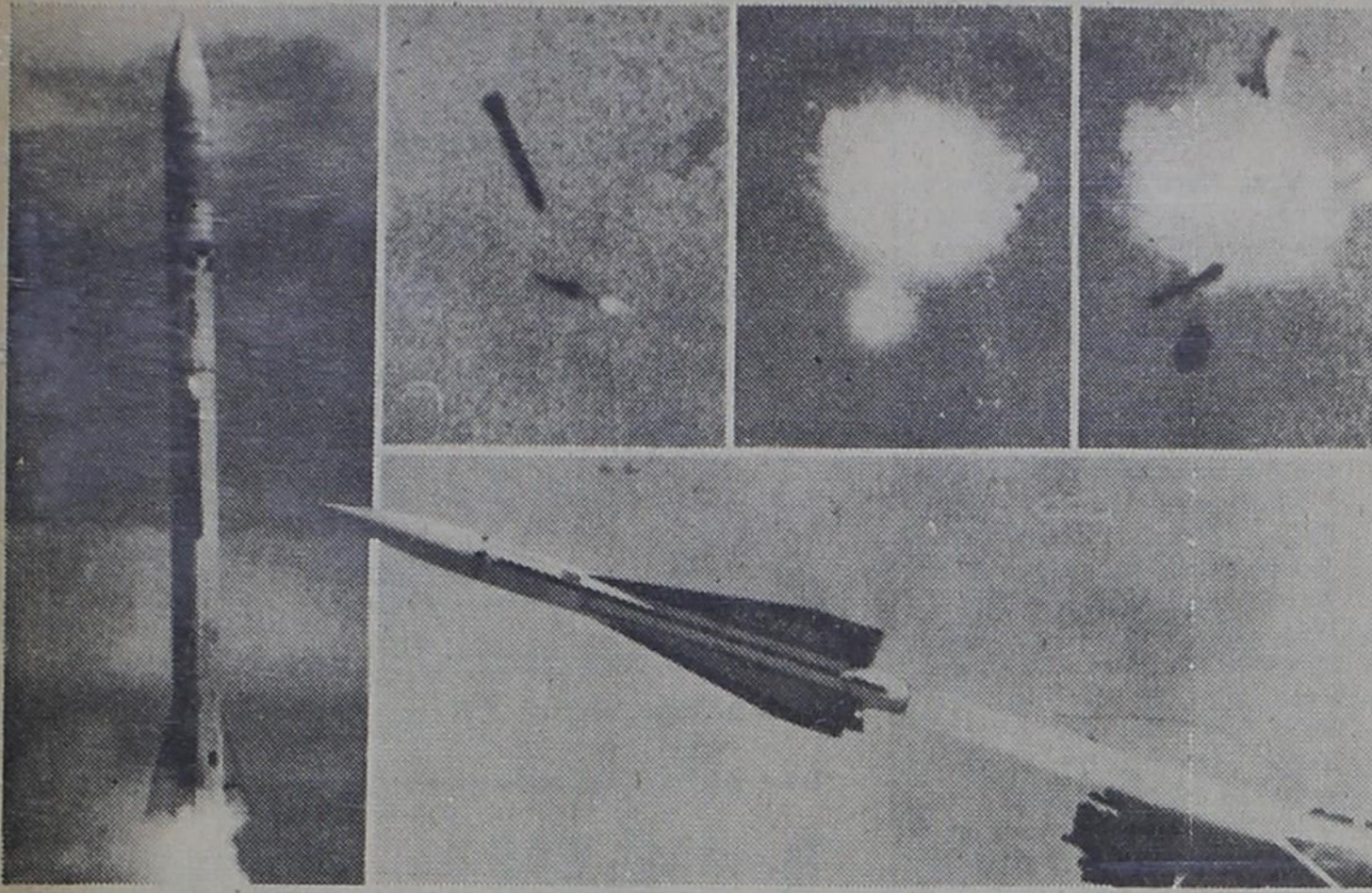
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THE ARMY'S HAWK (lower right) finds and destroys the CORPORAL ballistic missile (left and top) on January 23 at the White Sands Missile Range, New Mexico.

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FOR RENT -- Floor Polisher. \$1 per day. Superior Electric, AD 8-2751

32-tfnc

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WANTED--Elderly lady to be companion and live in my home. Will furnish free room. Mrs. W.R. Minter, Phone 238-2062

53-ltc

FOR SALE--Duncan Phyfe table and chairs, folding pad, \$60. Chrome dinette set, \$40. 1952 Husky motor scooter in good condition, \$65. Phone 238-4141.

LET RICKY KUNSELMAN be your newspaper boy. Clovis News-Journal delivered daily except Saturday. Grit Newspaper delivered weekly. Let us add you to our route. Phone 238-2601.

52-2tc

FOR SALE: 1960 model Massey-Harris Super 92 combine. Like new. Has cut only 500 acres. See or call Reagan Looney, Bovina, 225-4197.

50-4tc

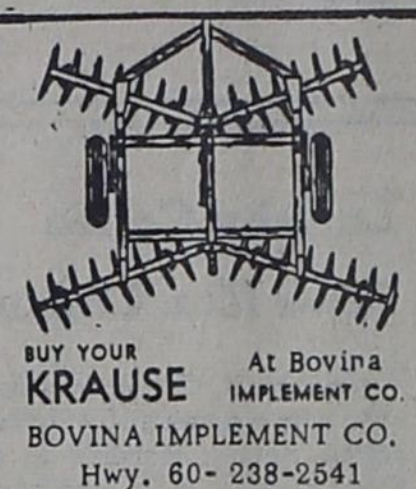
FOR SALE--- '55 4-door Chevrolet, V/8 motor, standard transmission, clean, good condition. See Henry Minter. 51-3tc

BEEF by half, cut, wrapped and ready for deep freeze. 46 cents lb. Richards Slaughter House.

52-tfnc

LOST--Step from small house Jack. C. C. Richards Bovina Restaurant.

52-2tp



FOR SALE OR TRADE--3 young, 9 month, registered Hampshire boars. We need this pen space and have priced them to go. H. K. H. Hog Company, Brady Street, Clovis. Phone PO 3-5785 or PO3-6721. 52-2tc

Will deliver Amarillo Daily News, Amarillo Globe Times week days or Sundays only. Also sell greeting cards and personalized stationery. For more information contact Carol Mast, 238-4171.

1-2tc

FOR SALE--Square tub wringer-type Maytag washer, 2 tubs on stand, \$50. One twin bed, innerspring mattress, springs, bedspread and 4 sheets all in good condition, \$25. See Mrs. Lloyd Killough at Henderson Variety.

1-2tc

For most home repair and painting, call Howard Griffin 238-4277. \$2.00 per hour or by contract.

53-4tc

WORK WANTED--Will do ironing, baby sitting and hoeing. See Mrs. Susie Piland, 223 North St. or Phone 238-3131.

53-3tp

Gin Continues--

Hutto shared mound chores with Charles Vickers and Keith Garner.

Thursday night's game between Three-Way and Oklahoma Lane Farm Supply was cancelled because both teams were short of players due to wheat harvest.

Fire Department whipped Oklahoma Lane in Saturday night action.

This week, Thursday night action pits Firemen against Three-Way in first game and Ginners against Oklahoma Lane in nightcap.

Saturday will see the Gin and Firemen do battle in the opener followed by Three-Way and Oklahoma Lane.

SOFTBALL STANDINGS table with columns for Team, W, L, Pct.

Birth, Death Certificates Upped To \$1.50 By State

Beginning September 1, 1961, Texans will begin paying a higher fee for certified birth and death certificates according to Senate Bill 69 passed by the 57th Legislature.

The law raises the fee for a certified copy from \$1.00 to \$1.50, to cover the increased cost for issuing such certificates.

The new law does not affect birth certificates copies requested before September 1.

The Records and Statistics Section of the State Health Department--the State agency responsible for Texas' birth and death record keeping--also made its annual summer plea for parents of children entering school for the first time to make application for certified birth copies as soon as possible to avoid the last minute rush.

There is an added incentive this year, explained State Health authorities, because of the expected extra rush of requests seeking to beat the September fee increase.

Texas schools usually require proof-of-age for children entering school for the first

time. A certified copy of a birth certificate is the best and most accurate proof, accepted by all Texas schools.

Certified copies may be obtained from county clerks and local registrars.

If not procured locally, a copy may be obtained for \$1.00 from the Records and Statistics Section of the Texas State Department of Health in Austin until September 1, 1961--\$1.50 after that date. The fee must accompany the certificate request.

Needed for a quick and positive search of records are the name of the child, both parents' names, place of birth and date of birth. This information should be included with the request.

Past experience proves the earlier requests get quicker response.

Another hint for parents with children beginning school, is to provide each child with a thorough physical check-up from a physician.

Also, it is wise to check school regulations concerning vaccinations.

OUTDOORS IN TEXAS

By Vern Sanford. You can add greatly to your outdoor enjoyment by making sure your boat and motor match and by keeping both in tiptop shape.

pulling water skiers isn't an outfit for serious fishing. Then, too, when you purchase a rig make sure you get the correct horsepower motor.

Don't mount a 50-horsepower job on a 14-foot boat that is used solely on a 25-acre lake. And of course if fishing is your main concern, a 10-horse motor will do the job adequately. Then both the initial expense and the operating cost are less.

When it comes to mounting the motor on the boat, the motor leg should be perpendicular to the surface of the water. When running through the water, the cavitation plate should knife cleanly.

If the motor is mounted so that the cavitation plate slants downward, here's what happens. When you pour on the power, your boat will dig at the stern. The bow will ride high. And instead of skimming over the water on plane, your boat will be pushing a wall of water. You won't be able to get good speed or a stable ride.

If the motor is mounted so the cavitation plate slants upward, the bow of the boat will have a tendency to dig into the water. Again you have great loss of speed. Also, the ride will be unstable and dangerous. So, the cavitation plate is much like the stabilizer on an airplane. For a smooth, even ride the angle of attack must be zero.

Assuming you have the motor mounted at the proper angle, the next thing to consider is the propeller.

Most large motors these days are sold without props. The dealer installs the correct pitch and diameter prop for your boat and load. This isn't a gimmick to run up the prices. It's just good common sense.

For example, a racing wheel is wholly unsuited for a fishing rig. And by the same token you wouldn't want a work prop mounted on a motor used for racing.

If you own a big motor and use it for different purposes, it would be wise to purchase two props--or perhaps one of the new adjustable-pitch props. You can use the prop or pitch best suited for the boat load and

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REPAIR! REMODEL! Nothing Down - 60 Months To Pay. Complete Line Building Supplies. Cicero Smith LUMBER COMPANY. AD 8-2671. Bovina.

Youth Activity Week Slated For July 16

"The Voice of God Is Calling" is theme for Youth Activity Week slated to begin July

16 at Bovina Methodist Church. Monday through Wednesday will be Youth Activities and Thursday through Sunday will be a youth revival presented by Tulla Youths, according to Mrs. Dean Hastings, M.Y.F. counselor. Services will begin each evening at 7 p.m.

purpose. In the long run you'll realize a savings in the amount of fuel used.

Specifications of a prop are given in terms of diameter and pitch.

Diameter is determined simply by measuring the diameter of a circle formed by the tips of the blades.

Pitch is the distance the prop moves the boat during one complete revolution.

But remember to take slippage into consideration when referring to pitch. Let us say that the prop has a pitch of 10 inches. For every revolution of the prop, does the boat move forward 10 inches? No. Remember that the prop is pushing weight, and the weight will determine the amount of slippage.

With a general utility wheel, you can usually figure on the slippage amounting to 20 to 30 per cent. Slippage will increase with added weight and weight distribution within the hull.

And slippage, of course, varies with speed.

Your outboard prop will collect a lot of nicks and dents in the course of operation. Nicks and dents on the leading edges of the blades result when the wheel strikes rocks, logs and other debris in the water.

These dents and nicks may appear to be minor, but they can have a pronounced effect on both boat and motor performance.

Mardel Moore is the adult director. She will be assisted by Carole Jean Hastings, youth director.

Worship chairman is Patsy Richards. Others on her committee are Ann Lynn Wilson, Cate Jones, Virginia Rea and Rev. Harold Morris is adult advisor.

Linda Estes is chairman of the foods committee with Irene Thornton, Phillip Lloyd, Tally Kelso and Mrs. Buck Lloyd assisting her. Katie Jones, Roger Ezell, Myrtice Shockley and Mrs. Harold Morris compose the recreation committee.

Publicity will be handled by Dix Hartzog, Gary Beauchamp, David Anderson, Peggy Griffith and Mrs. D.R. Bushnell.

Special features will be under the direction of Mrs. Halle Gee with Gary Stevenson, Don Caldwell, Ronnie Sudderth and Jimmy Redden assisting her.

Mrs. H. J. Charles, Penny Lloyd and Billy J. Charles have charge of the worship centers.

Fine Bovina Home For Sale



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NEW 12 MONTH ROAD HAZARD GUARANTEE on Firestone NEW TRENDS. RECAP SPECIAL 2 6.70 x15 Plus Tax And Trade-in \$22.22. PAUL JONES TEXACO Service Station - Bovina - Highway 60-238-4331. BUY NOW at this SENSATIONAL LOW PRICE. TOP QUALITY • ROAD HAZARD GUARANTEE. 12 MONTH Road Hazard Guarantee.



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