

rys

1 wf cow
1 red cow
1 blk cow
22.80 1 wf cow
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22.60 1 wf cow
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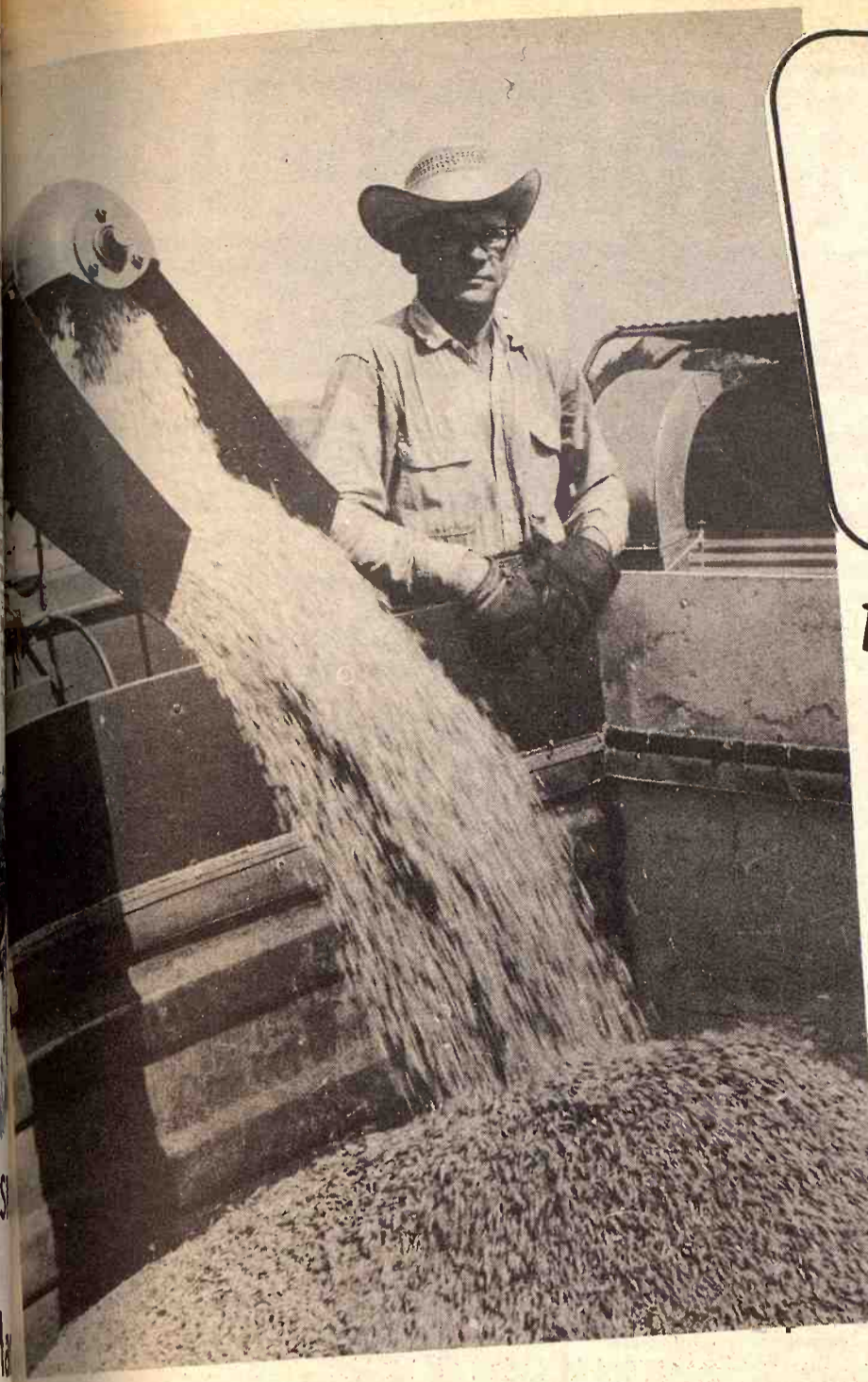
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GRASS & GRAIN

17th Year No. 20.

July 13, 1971

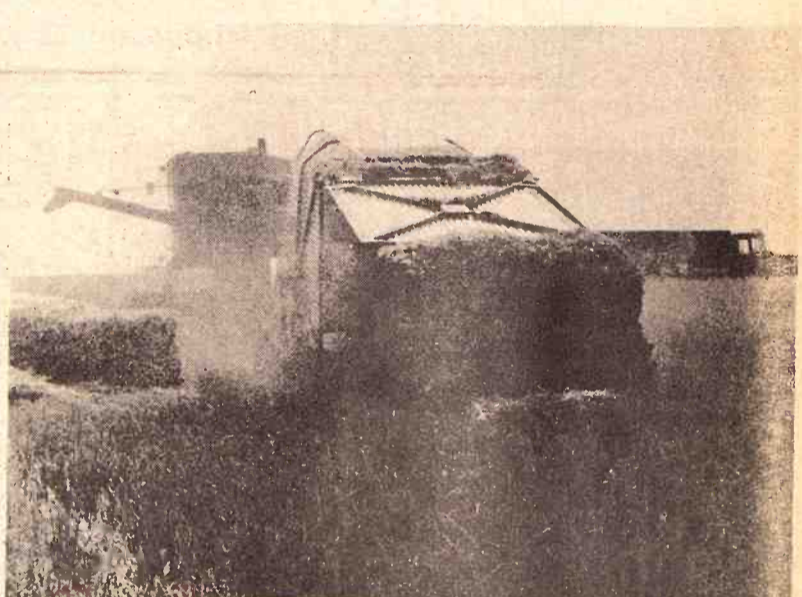
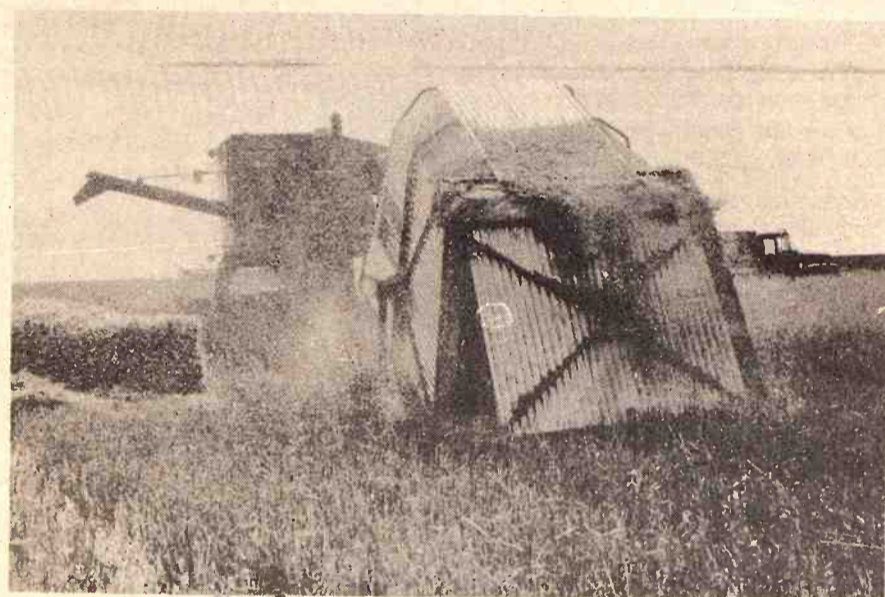
What's That Box Behind The Combine?

Of all the puddlers, clankers, gouges, and contraptions that machine shop inventors have devised to stir the ground, cultivate, or harvest there have been some peculiar looking ones.

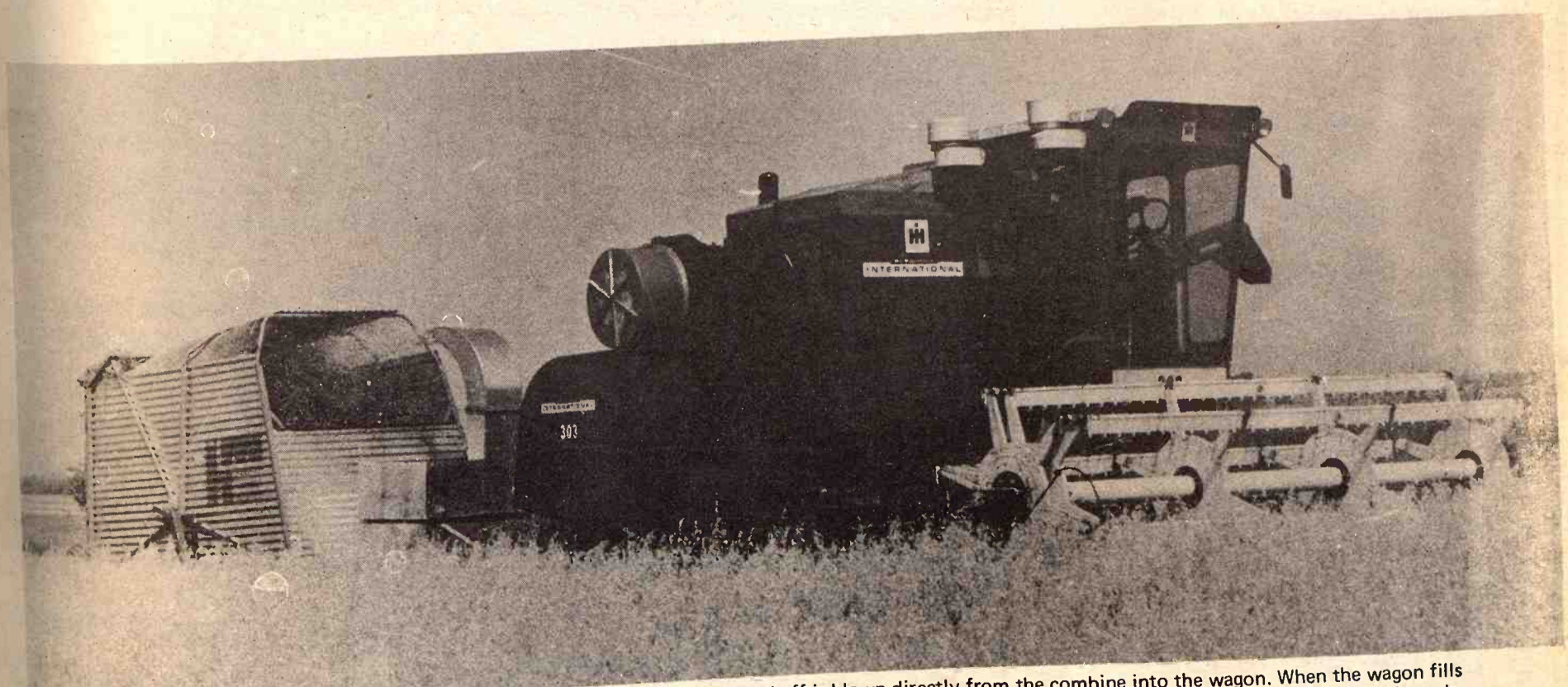
An add-on implement seen only occasionally in the G&G area is a chaff wagon, a boxy device that follows a combine. Some harvest watchers think that it looks like a crew is pulling its own bunk behind the combine.

One who thinks the thing works is Everett Zimmerman, Morris county farmer who runs a Holstein dairy herd, feeds Angus cattle, and farms between Alta Vista and Dwight. Last year Zimmerman thought he lost too much grain when he was cutting milo. He's seen The Harvest Master, commercial name for one of the devices, and bought one. He tried it out on some of his wheat last month and just tried it last week on some early oats cutting, which was making up to 100 bushels to the acre.

Zimmerman figures if milo cutting conditions are similar again to last year, he can get some of his feed back from collecting the chaff blown from the combine. The machine also provides a convenient way of collecting straw bedding behind wheat or oats harvests.



The combine operator controls the tipping of the chaff wagon when it becomes full. The back end tips down, leaving a pile of straw, chaff, and what grain escaped threshing. The operator tips the wagon back into position, leaving the pile behind. Zimmerman intends to pick up the chaff piles, but after the milo harvest the piles could be left in the field as forage.



The chaff is blown directly from the combine into the wagon. When the wagon fills with chaff and straw, the operator can tip it by controls from within the combine cab. Some farmers will see a value in the chaff wagon if they think that harvesting conditions are losing a good deal of grain, particularly of milo.

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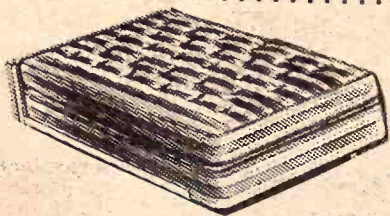
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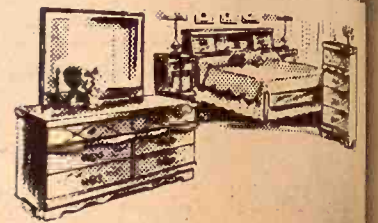


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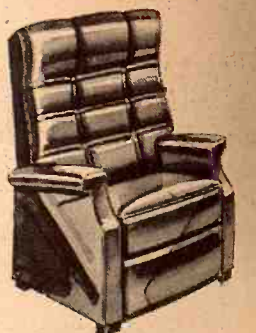
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Gas From Grain Alcohol Needs A Tax Boost

HUTCHINSON—The Kansas Wheat Commission is studying possible legislation designed to encourage the use of grain alcohol instead of lead in gasoline.

Creel Brock, Kansas Wheat Commission administrator, said he does not know yet what form the proposed bill might take, but a possibility would be a reduced state gasoline tax on gasoline containing grain alcohol as a substitute for lead additives. The 1971 Nebraska Legislature passed such a law.

The tax on gasoline with a grain alcohol additive in place of lead will

be 3 cents less than the tax on other gasoline in Nebraska beginning in 1973.

The Nebraska law provides that when grain alcohol gasoline sales in the state reach 10 million gallons per year, an adjustment in the tax may be considered by the legislature.

The law also establishes a fund, to be known as the Grain Alcohol Fuel Tax Fund, to provide a Nebraska program for the implementation of the Nebraska grain alcohol industry for automotive fuels.

The fund will be used for establishment, with cooperation of

private industry, of procedures and processes for manufacturing and marketing grain alcohol-blended fuels; establishment of a procedure for entering the fuel into the marketplace; analysis of the marketing process and testing of marketing procedures, and cooperation with private industry to establish privately owned grain alcohol manufacturing plants in Nebraska.

The Kansas Wheat Commission is studying possible bills to be recommended to the 1972 Legislature.

The commission has completed an experiment in which a state automobile was driving using alcohol gasoline, and Brock said the experiment was a success. Earlier studies by other groups have shown that grain alcohol is a satisfactory

substitute for lead, he added.

"There is ample proof that it is a real good fuel," he said.

The Kansas Wheat Commission used 500 gallons of the grain alcohol gasoline in its test car. Brock said, and "we found that the performance was very similar to the performance using regular gasoline."

There are benefits both in cleaning up the environment and in reducing damage to cars, Brock said. Grain alcohol gasoline would reduce air pollution and there is less damage to mufflers, tail pipes and other parts, he said.

He quoted an article in a major oil company's magazine that gasoline without lead, when used extensively, has been shown to double the normal life of parts such as spark plugs, mufflers and tail pipes. For the motorist who keeps a car four years or longer, the magazine said, the amount he saves on maintenance can equal four cents on every gallon of gasoline he buys.

At present, grain alcohol as an additive instead of lead would cost more, he acknowledged. But in mass production it would be cheaper, he said, and the motorist would benefit from the reduced damage to his car.

"The oil companies are conducting experiments now, but it's hard to find out exactly what they're doing," he said. "They keep their experiments pretty secret, for

competitive reasons."

While research into the use of grain alcohol with gasoline actually was begun during the Eisenhower administration, interest has increased in recent years because of greater concern over air pollution. In addition, Kansans are interested in the research because of the increased demand for wheat for grain alcohol.

Another argument the Kansas Wheat Commission advances for use of grain is that it would retard the depletion of petroleum reserves.

Second Student Aid Cut At KSU

The aids and awards office at Kansas State University, Manhattan, announced that it has been notified its working funds for educational opportunity grants have been cut for the second consecutive year.

The office, which offers scholarships and assistance to students, will have about \$363,000 available next year for grants to students, down from \$465,000 in 1970-71 and \$576,000 in 1969-70.

Aids and awards personnel said the office would have difficulty meeting commitments effectively. They said the action represents a 37 per cent cutback over two years.

Gerald Bergen, director, said: "Since we still are helping the same number of students and costs are rising, the kids are getting only two-thirds on the average of what they should get."

It is especially critical, he said, since there is a shortage of job opportunities and it is difficult for students to acquire money. Hard hit will be the incoming freshmen since the office first is required to assist qualified students who have received aid in the past.

Aid personnel said only 900 of about 12,000 K-State students will receive assistance next year.

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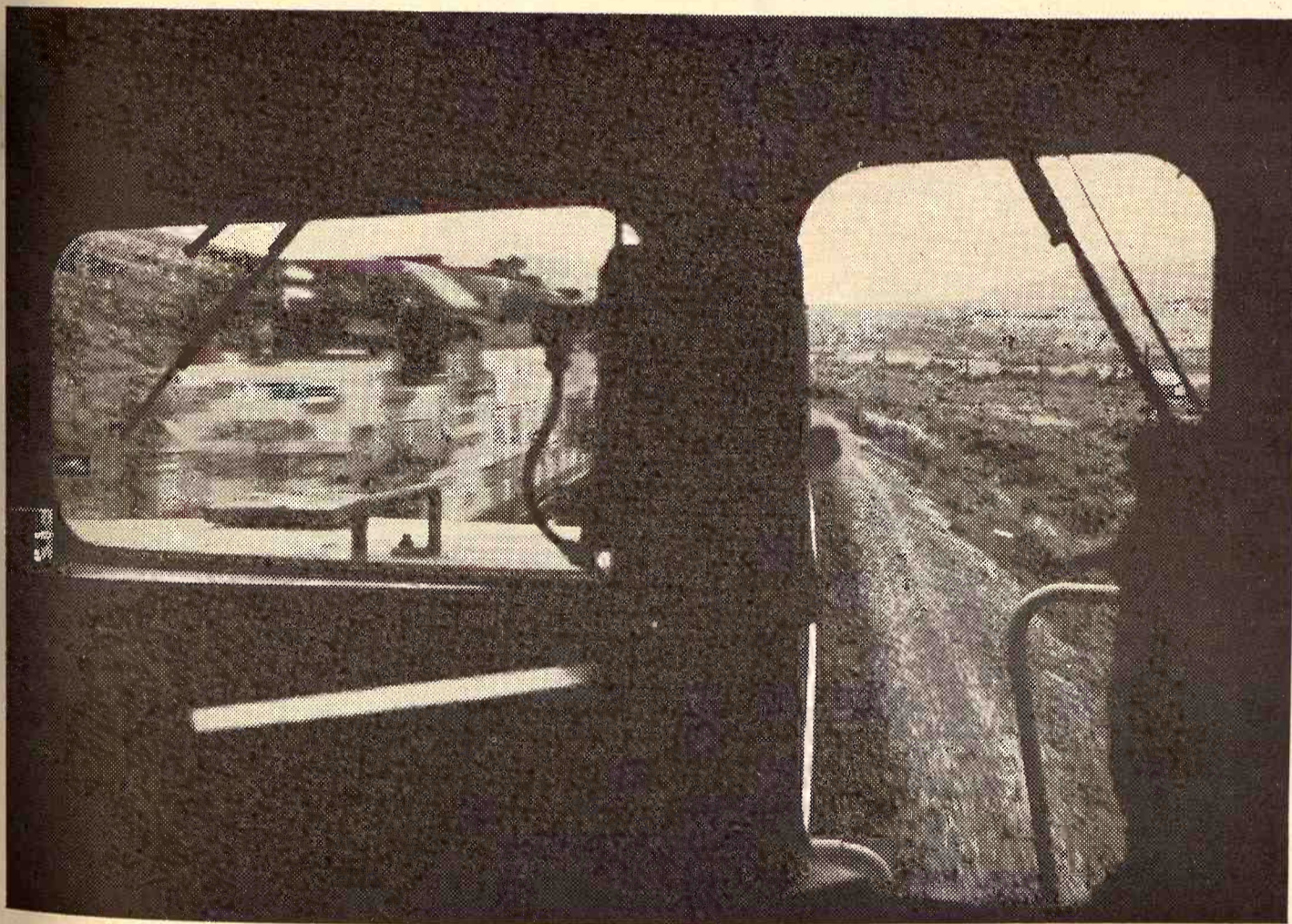
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OUR DAILY BREAD

- by G&G Area Cooks

Mrs. Roy Stout, Paxico, Wins Cup Carousel

Winner, Mrs. Roy Stout, Paxico: "Try and enjoy many of your recipes. Below is a good Chocolate Buttermilk Cake."

CHOCOLATE BUTTERMILK CAKE

- 1½ cups sifted cake flour
- 1½ teaspoons soda
- 1 teaspoon salt
- ½ cup cocoa
- Two-thirds cup vegetable oil
- 1 cup buttermilk
- 1 teaspoon vanilla
- 2 eggs
- ¼ cup sugar

Sift together the flour, soda, salt and cocoa. Add the oil, buttermilk and vanilla; beat until it forms a very smooth batter. In a separate bowl beat the eggs until thick and foamy. Gradually add the sugar and beat until very well blended. Fold the egg and sugar mixture thoroughly into the batter. Pour into two waxed paper lined 8-inch layer pans. Bake in a moderate oven, 350 degrees, for 35 to 40 minutes. This makes a nice moist cake and is delicious.

+++

The following recipe was sent in by Mrs. Carl Stone, R 1, Buffalo:

FRESH APPLESAUCE

(Using Blender)

- 4 apples peeled and cut into chunks
- ½ cup sugar
- 1 tablespoon lemon juice
- 1 teaspoon Fruit Fresh

Blend all and serve at once.

+++

The next recipe is from Mrs. James F. Griffin, Glasco:

PINEAPPLE & COTTAGE CHEESE SALAD

- 1 can crushed pineapple
- 2 tablespoons water
- 1 package lemon gelatin
- 1 pint cottage cheese

- ¾ cup heavy cream

- ¼ teaspoon baking powder

Boil pineapple and water together for one minute. Add lemon gelatin to the mixture. Dissolve ¼ teaspoon baking powder in the cottage cheese then add to pineapple mixture. Last add the whipped cream. Put in mold and set in refrigerator until formed.

+++

This recipe is from Mrs. Ernest Priddy, R 9, Topeka:

PERFECT TUNA CASSEROLE

- 1 cup cooked peas

- 1 can condensed cream of celery soup (10½ ounce)
- ½ cup milk
- 1 can (7-ounce) tuna, drained and flaked
- 1 cup potato chips, slightly crumbled

Blend together the soup and milk. Stir in the tuna, peas and potato chips. Spoon into a one-quart casserole. Sprinkle over top ¼ cup potato chips, slightly crumbled. Bake at 375 degrees 25 minutes. Makes three to four servings.

+++

Mrs. Robert F. Jandera, Hanover: "I saw a request for blender recipes and we do enjoy this one now with lunch and sandwich time here."

BLENDER MAYONNAISE

- 1 egg
- 2 tablespoons vinegar or lemon juice
- ¾ teaspoon salt
- ½ teaspoon dry mustard
- ¼ teaspoon paprika
- ½ teaspoon ground white pepper
- ½ teaspoon salad herbs (optional)
- 1 cup salad oil

Have all ingredients at room temperature. Put egg, 1 tablespoon vinegar, salt, dry mustard, paprika, pepper, and salad herbs in blender container, cover and run on speed 2 (low). While blender is running, slowly pour in ½ cup salad oil. When more power is required, run on speed 7 (high). If necessary, stop blender during process and push ingredients toward blades using rubber spatula. Add remaining 1 tablespoon vinegar and slowly pour in remaining salad oil while blender is running on speed 7 (high). Makes one cup.

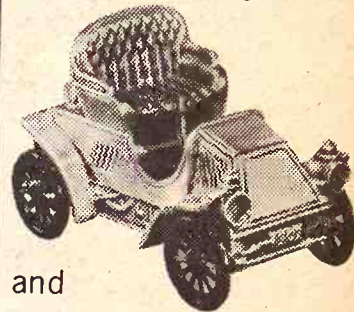
Long Hair Takes Extra Care

Long hair can be a glorious asset but it takes much care to keep it healthy, clean and shiny.

Shampooing long hair takes time. It can be done in the shower, tub or wash basin, whichever is easiest.

Wherever latherings and all...
Long hair takes...
Whether you dry...
a hair dryer, allow...
it.

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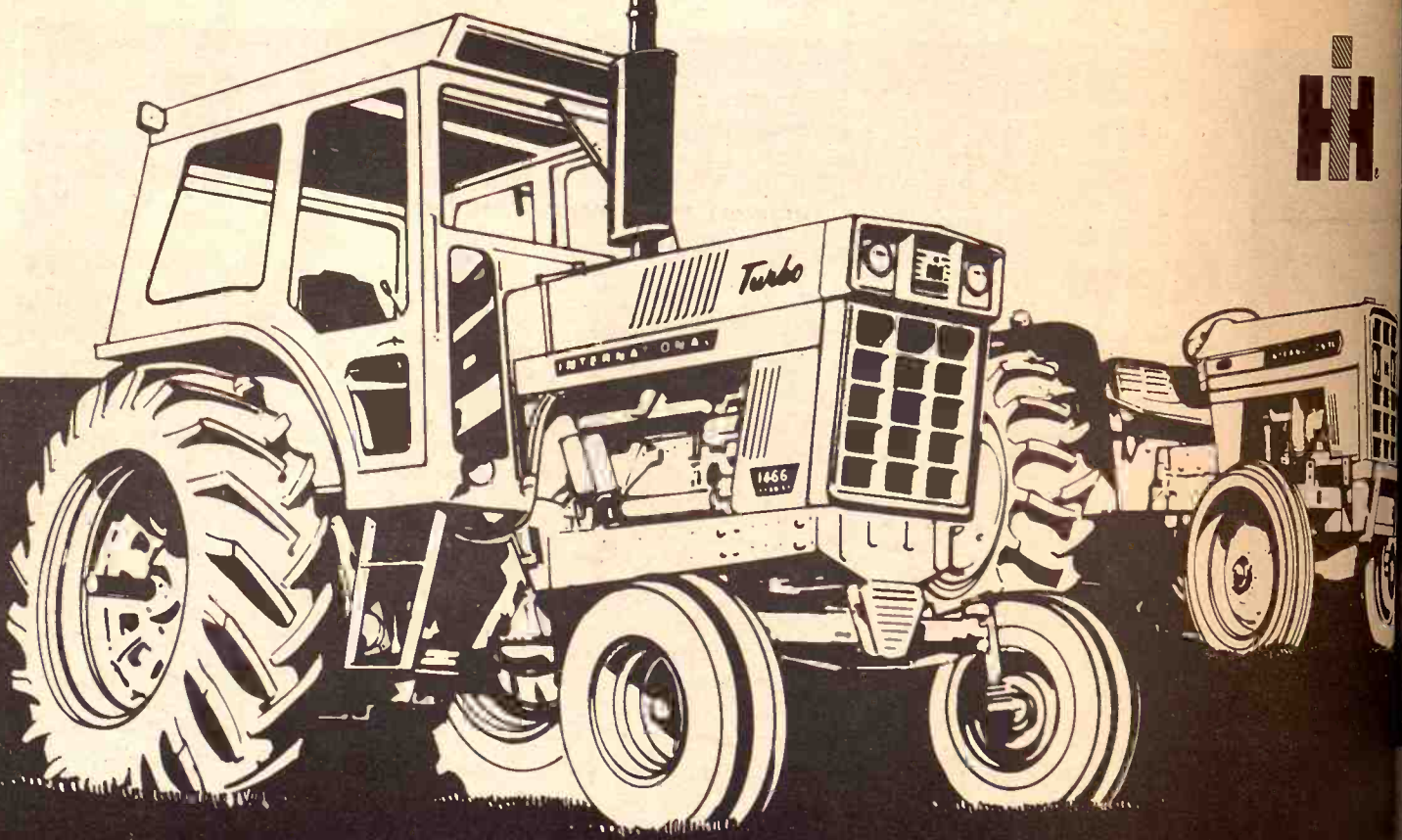
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The Latest 'Daily Bread' Prize



CUP'N PLATE CAROUSEL

Spins cups to front of cabinet... helps protect fine china. Organizes crowded cabinets for safe storage in less space. Decorator colors. Size: 9½" diameter x 6¼" high. A product of Rubbermaid.

The winner each week is selected from the recipes printed.

Win one by sending us your favorite recipe—this can be main dish, leftover, salad, side dish, dessert or what have you.

1. Check your recipe carefully to be sure all ingredients are accurate and accounted for.

2. Be sure your name and address are on the entry.

3. Only one recipe at a time, please.

4. Send it to Woman's Page Editor, Grass & Grain, Box 1009, Manhattan, Ks., 66502.



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Don't Discard Old Hamper

Don't throw away an old clothes hamper. Instead, put it in Dad's workshop or in the garage to hold clean rags and sponges so they will be handy when needed.

Not Good Keepers

The potatoes you buy right now are great for holding their shape when they're cooked but they aren't very good keepers this time of year.

Regardless of whether you're preparing food for a few or many, buy your supply for only a week or two.

Tip For Roasting Poultry

If you use a flat rack for roasting poultry, tip the bird to one side so that one side of the breast rests on the rack. Then, midway through the required roasting period, turn the bird and rest the other side of the breast upon the rack. This will assure that the fowl is well done on both sides.

Use Leftover Meat In Salad

Any leftover ham, pork, beef or veal roast is great for salads. Just cut into julienne strips and mix with vegetables or fruits. Tossed with a complementary dressing, the salad is a nutritious and filling lunch or supper main dish.

washed in hot, sudsy water, using a soft sponge or dishcloth. Then rinse thoroughly and dry. It is a good idea to grease or oil the surface prior to its first use, with the exception of the tubed angel food cake pan, which should not be greased if it is to be used for an angel food cake.

Never use steel wool to clean the finish. Periodically scrub the non-stick finish with a plastic mesh pad.

To prevent staining the teflon finish avoid extremely high temperatures when cooking and always use hot, sudsy water to remove all residues of food and grease.

Seam Appearance Affected By Thread

Appearance of seams in a garment is directly affected by thread used in sewing, settings on the sewing machine and sewing techniques employed.

Neglect in any one of these areas will result in puckered seams that no amount of pressing will correct.

Selection of sewing thread is most important to seam appearance. Stability of threads containing polyester helps considerably in reducing seam pucker. Sewing threads containing polyester may be smaller in diameter than cotton threads of similar strength. They also are more durable.

Fabric plane tension applied to seam while stitching will help avoid seam pucker.

lustrous and manageable.

For some variations on the beauty bath, try these: If you want to relax before bedtime, run a warm bath. Wash slowly, lazily; soak 20 minutes, step out, pat dry and puff on dusting powder.

Before an evening out, here's a good pick-me-up. Shower, scrubbing with sponge. Then draw lukewarm bath. Cleanse your face and apply toning mask. Let mask work while you rest your head on a bath pillow. Then dry and splash yourself with toilet water.

For warm weather, try this cooler. Take a tepid bath to help draw the heat from your body gradually. Gently towel dry and be liberal with a refreshing cologne or toilet water.

To Care For Teflon

Housewares coated with teflon non-stick finishes have come a long way to make cooking and cleanup much easier, but to keep on enjoying these benefits, the home-maker should follow a few simple use and care procedures.

When new, the non-stick cookware and baking utensils should be

SPIC AND SPAN

OR PICK & PAN?

Would you like to spend two hours on a hot summer day doing something beside picking, scraping and melting ice from your old refrigerator? Then why not find out about all the advantages of a modern, self-defrosting model... with features such as an automatic exterior ice server, separate meat and produce temperature controls, plus many more.

They're waiting for you now, as close as your nearest appliance dealer or KPL representative.

Compare Cost Per Serving

As you shop for meat, take time to compare cost per serving.

Estimate the number of servings a meat package contains, then divide the total price by the number of servings.

You may be in for some surprises. For example, compare the price of frying chickens with the price of the parts. It could show you that while meaty chicken parts do cost more per pound, they sometimes cost less per serving of edible meat.

Renovate Medicine Chest

Renovate the inside of your medicine chest by covering it with adhesive backed plastic. It is easy to clean and comes in a variety of attractive colors and patterns.

Clip Tufts From Rugs

When little tufts of fiber show above the surface of a rug, clip them, but never pull them out.

Baths Can Beautify, Relax And Refresh

Wherever you are, a relaxing bath is a great way to unwind. Long hair takes a long time to dry, so a hair dryer, always handy, is a must.

Decorating in the bath is one of the country's favorite feminine pastimes. And bedrooms are fast becoming one of the most attractive rooms in the house.

There are pretty shower curtains, beaded, fashion-designer towels and washcloths and a variety of soaps, oils, talcs and colognes to make bathing relaxing and a sort of vacation.

Nothing should be the most relaxing happening in your day. Scented by fragrant bubbles, they can soothe away your tensions and relax and smooth your total complexion to a satiny finish.

Whether you prefer a shower or a bath, one of the most versatile ways to make it more enjoyable is a unique liquid soap that's also a bubble bath shampoo. A capful of the soap makes a great bubble bath.

Another gentle squeeze will give you enough for a rich shampoo that will leave your hair

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New way to give cattle a boost!

New Purina Cattle-Plus is a Vitamin A and D₂ product that can give feeder cattle and brood cows a strong vitamin boost. Cattle-Plus is especially good for steers put into the feedlot off poor range or pasture.

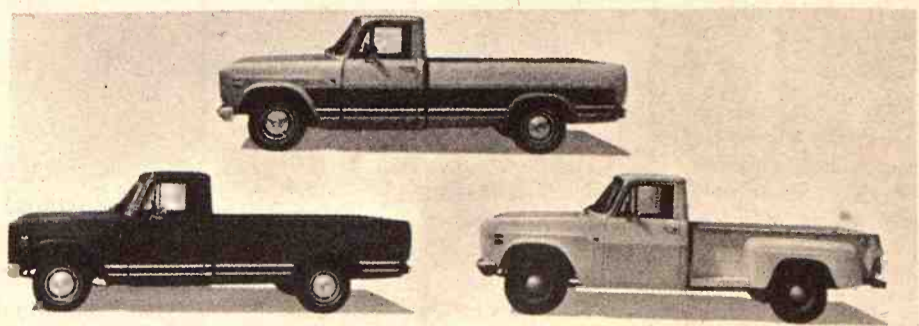
It stimulates growth, provides plenty of Vitamin A for long-time maintenance, and helps pull cattle through stress periods.

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Use Of Wheat As Feed Tilts Halo, But Makes Money

Feeding Kansas wheat to livestock is something the wheat farmer doesn't like to think about but, according to the U.S. Department of Agriculture, the trend is that way and the Kansas farmer is going to have to live with it.

Now, as everybody knows, the Kansas wheat farmer is no snob, but over the years he has tended to put a halo over his crop. He sees good Kansas wheat as a human food going into breadstuffs and consumed throughout the world.

Part of his thinking is economic; it might hurt the price of wheat to have it classified as a feed grain alongside corn and grain sorghums.

The USDA notes, however, that with livestock and poultry output gaining in numbers faster than feed grain supplies, U.S. farmers are feeding more wheat than they have since depression days. Last year, blight-reduced corn supplies made wheat even more attractive as a livestock feed lot item.

The USDA's Agriculture Statistical Reporting Service said that the amount of wheat fed in the fiscal year ending June 30 may reach 235 million bushels. That is up from an average of 110 million bushels yearly through most of the

Dairies Can Store Wheat Profitably

Dairymen can store enough wheat to furnish one-third to one-half of grain needs for their herds during the coming year — and do it profitably.

"Wheat is a good buy when compared to other grains at present time," observes Ralph Bonewitz, Extension dairyman at Kansas State University, Manhattan.

"Wheat is high in energy, protein and phosphorus — necessary for high production in dairy herds."

Bonewitz believes dairymen should store wheat so that a transportation cost is not necessary in getting feed back to their area or farm and having it readily available for rations. He cautions that wheat should not be processed too finely for dairy cows. Many successful Kansas dairymen are feeding wheat.

Another good feed buy is barley, says Bonewitz. Dairymen shouldn't let this grain be shipped out of their territory. "Barley is a fine dairy feed and should be stored for future needs," Bonewitz reasons.

"Dairymen average feeding three tons of grain per cow per year. With this amount it is imperative that dairymen buy feeds economically. Wheat and barley are good buys today."

Set Date For E. Kansas Angus Field Day

The Eastern Kansas Angus Field Day and show is set for August 4 at the Paola Kansas Fairgrounds, Russell C. Cook, of Paola reports. This year's event will feature both junior and adult Angus shows and will be held just prior to the Miami County Fair.

A steak dinner is planned for 7:30 p.m. the evening of the field day at the big shelter house in Wallace Park.

All cattle should arrive after 2:00 p.m. Tuesday, August 3 and before 9 a.m. August 4. Registration for the field day begins at 9:00 a.m. August 4 with the junior heifer show set for 9:30. The open show will start at 1:30 p.m.

For further information or for reservations to the dinner, contact Russell C. Cook, Route 1, Paola, Kansas. Dinner reservations may also be made with Mrs. Lester Vohs, Paola, Kansas.

1960's.

Last year from July through September, for example, wheat was 24 cents a hundred pounds cheaper than corn when the two were adjusted according to feed value. A year earlier, wheat's cost advantage over all feed grains ranged from 1 cent over oats to 21 cents over corn, according to the USDA.

It is estimated that from July, 1970, through last March, livestock producers fed approximately 206 million bushels of wheat to their stock. Most of that was hard red winter wheat because it was in large supply.

Much of the increase has taken place in the feed lots of Kansas and the Southwest. Early 1971 wheat from Texas, for example, has moved directly from the country elevators to feed lots because both corn and milo are expensive and in short supply. Feeding wheat on the farms where wheat is grown hasn't caught on nearly as fast for the simple reason that farmers who grow wheat and keep livestock as a sideline

traditionally sell their wheat as a food crop even when its price is competitive or less.

Wheat makes an excellent feed for most types of stock and poultry. USDA feeding tests indicate, for example, that some wheat varieties contain 100 to 120 per cent of the protein value of corn and sometimes as high as 130 per cent the protein value of milo.

There is one drawback to wheat. Some tests have revealed that cattle and swine develop digestive disorders when wheat ferments in their stomachs. However, those problems can be overcome by mixing the ration with other cereal grains or roughage.

In poultry, care must be taken not to grind wheat too fine.

Powdery wheat causes beak impaction and lowers weight gains. Some classes of poultry also need more sulphur, amino acids and other dietary items, which they don't get from wheat. The use of supplements or mixtures of other grains overcomes that fault.

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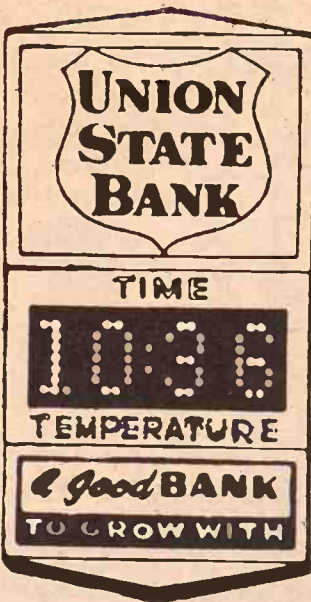
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CLAY CENTER, KANSAS

Statement of Condition at Close of Business, June 30, 1971

	RESOURCES	
Loans and Discounts		\$ 7,872,922
Future Motor Bank Facility	\$ 28,745.72	
Bank Building	55,000.00	
Furniture Fixtures and Equipment	40,000.00	123,745.72
Federal Reserve Bank Stock		39,000.00
Federal Funds Sold	400,000.00	
U. S. Government Securities	1,090,074.00	
State and Municipal Securities	3,092,480.87	
Cash and Sight Exchange	1,318,156.29	5,900,711.88
Other Assets		234,614.00
TOTAL		\$14,170,923.61

	LIABILITIES	
Capital Stock	300,000.00	
Surplus	1,000,000.00	\$ 1,695,000.00
Undivided Profits	395,094.99	233,581.00
Reserves		38,680.00
Income collected not earned		12,107,872.61
Deposits		95,796.00
Other Liabilities		
TOTAL		\$14,170,923.61



The above Statement is correct
KENNETH G. STROM, Executive Vice-President

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New Information Sire Summaries Dairy Bulls

Two new items of information have been added to the sire summaries dairymen use to select bulls for artificial insemination of their daughters.

Elph Bonewitz, Extension dairy specialist at Kansas State University, says the two new categories are "Predicted Difference for Fat Percentage" and "Predicted Difference for Gross Income."

These predicted differences are interpreted on the same basis as the predicted differences for milk and meaning the probability that

heifers from specific bulls will out-produce their breed average herdmates by certain amounts of fat percentage and dollar income.

Bonewitz points out that comparison of dairy bulls and cows, based upon the profit-making potential of their daughters, is getting increased attention by the dairy industry and that the new sire summary categories reflect the economic value of milk and its fat content variance.

He says that those animals producing the most milk are not necessarily the greatest income producers.

For example, if a dairyman can choose between Bull A, which is predicted to add 1,000 pounds of milk and 10 pounds of milk fat to his daughter's production, and Bull B, which is predicted to add 500 pounds

Grass & Grain

7

July 13, 1971

of milk and 30 pounds of milk fat to his daughter's production, which bull should he use?

When the price is \$5 per hundredweight for milk with 3.5 percent fat and a fat differential of 0.85 is used, Bull B is economically superior to Bull A. However, as milk price goes up, Bull A's daughters will be expected to have a slight advantage in increasing total income. The estimated gross income of daughters from specific cows can be figured in the same way.

The new sire summary category for predicted difference in dollars was calculated on a basis of \$5.50 per hundredweight for milk testing 3.5 percent fat. An 8.3 cent differential was assigned for each tenth of a percent variance in fat content.

U.S. Department of Agriculture research shows that using local prices causes only minor changes in the ranking of a group of bulls. However, their predicted dollar differences were affected.

Bonewitz urges dairymen to find out what the predicted difference in dollars is for the bulls they are using. He suggests using bulls with predicted differences of \$40 or more. This information is not available on young bulls. Consequently, very few cows in a herd should be bred to young bulls.

Q&A On Hail Damage To Corn

Question — At what stages in growth and development of corn will hail damage the corn to such an extent that yields will be reduced.

Answer — Studies at Iowa State University have shown that from emergence to the four leaf stage a frost or hail may destroy the exposed leaves but not damage the growing point, which is still below the soil surface.

By the eight leaf stage (a month after emergence), unfurled leaves destroyed by frost or hail can result in a 10-20 percent reduction in grain yield.

When 14-16 leaves are fully emerged (7-8 weeks after

emergence or early tasseling and silking and later stages), injury by hail reduces the number of kernels that develops. Removal of half of the leaves results in a 25-30 percent yield loss. With complete leaf removal, there may be little or no yield.

In summary, losses in yield may be small when the corn is small but gradually increase as the crop reaches the ear development stages.

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U.S. Bonds	3,351,680.51
Municipal, County & State Bonds	3,645,428.08
Stock in Federal Reserve Bank	60,000.00
Bank Premises	675,564.63
Furniture and Fixtures	122,819.45
Other Assets	264,509.48
Cash and Due from Banks	4,298,916.91
Total Assets	28,459,371.16

LIABILITIES

Capital Stock	1,000,000.00
Capital Notes	500,000.00
Surplus	1,500,000.00
Undivided Profits	360,356.23
Fed Funds Purchased	500,000.00
Reserve For Contingencies	334,937.95
Unearned Discount	245,525.65
Deposits	24,018,551.33
Total Liabilities	28,459,371.16

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ASSETS	
Loans and Discounts	\$1,486,183.17
U. S. Government Bonds	1,074,390.00
Securities of Federal Agencies	95,000.00
State & Municipal Bonds	791,666.05
Federal Funds Sold	95,000.00
Building & Fixtures	16,001.00
Other Real Estate	1,500.00
Cash & Due From Banks	508,494.80
TOTAL ASSETS	\$4,068,235.02

LIABILITIES	
Deposits	\$3,654,855.88
Capital	75,000.00
Surplus	150,000.00
Undivided Profits	140,525.00
Reserve for Possible Loan Losses	18,438.55
Other Liabilities	29,415.59
TOTAL LIABILITIES	\$4,068,235.02

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Statement of Condition of

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CLAY CENTER, KANSAS

At Close of Business June 30, 1971

RESOURCES		LIABILITIES	
Cash and Due From Banks	\$ 1,445,180.77	Capital Stock	\$200,000.00
U. S. Treasury Securities	2,605,983.51	Surplus	600,000.00
Kansas Municipal Bonds & Warrants	1,834,583.47	Undivided Profits	537,355.69
& Warrants	24,000.00	Reserves	154,430.00
Federal Reserve Bank Stock	7,921,605.89	Interest Collected Not Earned	61,908.08
Loans	190,940.96	Deposits	12,383,525.63
Bank Premise, Furniture & Fixtures	190,940.96	Other Liabilities	85,075.20
TOTAL	\$14,022,294.60	TOTAL	\$14,022,294.60

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Close Look At Kansas Brand Laws

Brands are as much a part of the cattle business as grass and cattle. "A registered brand on your cattle is proof of legal ownership," stated Charles Andrews, Kanopolis, chairman of the Kansas Livestock Association's Brand Committee.

Andrews said that every cattleman, regardless of the number of cattle he runs should also become familiar with the Kansas brand laws and practice the law as it applies to his particular operation. Andrews also remarked that many people believe they do not own enough cattle to bother with branding, but he pointed out that these operators are the ones who lose a higher proportion of their investment by strays and thefts.

"The Kansas brand laws are as practical as any laws in neighboring states," Andrews pointed out. "Cattlemen here have every opportunity available in brand enforcement with the county inspection option, the community sale law and the stray law."

Andrews concluded an explanation of the brand laws summarizing that the major problem is that not a large enough percent of the cattle is being branded and

people generally are not informed of laws that are available to them.

Following is a complete description of the current Kansas brand laws:

Legislation, effective July 1, 1969, created a Kansas Animal Health Board. The new board has representation from dairy, beef, swine, veterinarian association and the Public Market Association. The bill combined the duties of the Sanitary Commissioner and the Brand Commissioner under a Livestock Commissioner who is appointed by the Kansas Animal Health Board and who serves as the executive officer of the Kansas Animal Health Department.

The department handles all brand registrations, crossfiles all recorded brands by separate reference and indexes each brand as to the county of residence of the brand owner. Another major responsibility is handling of transfers of ownership.

Since 1959 counties have been able to establish a brand inspection area within their county boundaries. The present procedure provides that whenever a petition is submitted to the board of county commissioners signed by not less than 51 percent of

the resident owners of cattle, requesting that the county be designated a brand inspection area, it shall be the duty of the board of county commissioners, within 10 days after receipt of such petition, to make a determination as to the sufficiency of the qualifications and number of signers. If said petition is found sufficient, the board shall adopt a resolution declaring the county a brand inspection area and shall immediately file a certified copy of such resolution with the livestock commissioner.

Every county in the state is eligible to become a county brand inspected county by the presentation of a petition as previously explained. The statutes also provide that the termination of the county brand inspection area may be accomplished in the same manner as it was formed.

In an inspection area, it is required that a bill of sale containing all pertinent information describing the cattle be given with the sale or transfer of ownership of cattle. It is unlawful to move cattle in the brand inspection area unless such cattle have been first inspected for brands by the brand commissioner or his inspectors or deputies, except that cattle may be moved by the owner when there is no change in ownership, and cattle may be moved without prior inspection to a market where a Kansas brand inspection is maintained. Any person who purchases cattle from within a brand inspection area should receive a bill of sale and a brand inspection certificate.

At any community sale at which the market operator has requested brand inspection, an additional fee of not less than five cents and not more than 10 cents per head is charged, and the livestock commissioner shall provide an inspector

to make a brand inspection on all cattle moving through the designated market. Where cattle originate in and have brand inspection clearance from a county option brand inspection area, the market operator shall waive such livestock brand inspection fee.

The Kansas statutes provide for the procedure for taking up, disposition, and sale of stray animals and the proof of ownership of livestock. Our present law provides that any person may take up any stray found upon his premises or upon any public thoroughfare adjoining thereto, if he reports such taking up to the sheriff of the county in which the stray is taken up within 24 hours of the taking up of such stray. The sheriff is required to notify the brand commissioner and if possible establish ownership of the stray. If this is impossible, the law provides for the advertisement and sale of the animal and the disposition of the proceeds of the sale.

Amendments to the "stray law" were made during the 1970 session of the legislature. The first amendment provided for a reasonable and regular rate for keeping and feeding the stray, together with damage, as determined by the sheriff and the state brand commissioner. The law now requires notice to be published in a newspaper having general circulation in the county seven days before sale date and sale date must be at least 21 days after stray was reported to the sheriff. Sale may be made at a public livestock market or at a terminal market.

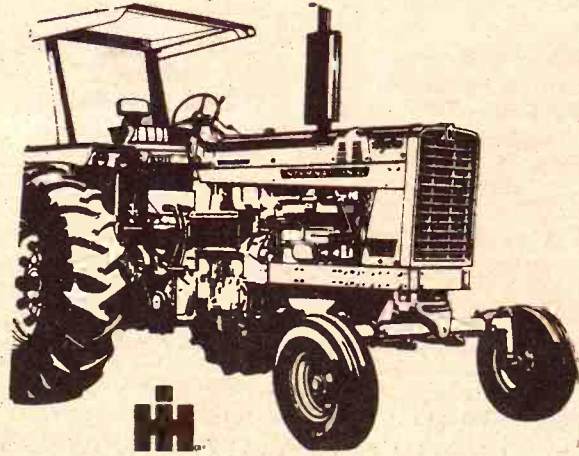
The third amendment provided that the money from the sale of a stray be held six months. If the owner appears and produces

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States Toughening On Welfare Outlay

Reversing a historic pattern, more than a dozen states have cut or are threatening to cut welfare benefits for poor families with children.

The new trend, apparent in both rich and poor states, was revealed in a memorandum reporting on a 50-state survey by the Dept. of Health, Education and Welfare.

The welfare cutback apparently has developed as a result of the unprecedented budgetary crises facing many state governments.

The fiscal squeeze at some state capitols is attributable, at least in part, to the mushrooming growth of welfare rolls and to increasing costs of federally aided state programs of medical benefits for the poor. Although the federal government helps pay the cost, the states now administer all welfare programs and control the level of payments.

The new trend could have explosive social and political consequences. There were two days of street disorders in Negro sections of Brooklyn last May after the New York legislature cut welfare benefits and other programs.

In California, the nation's other big welfare state, payments for more than half of the 387,000 families with children were increased June 1 as a result of court litigation. But Gov. Ronald Reagan has moved to force a cutback in benefits.

Challenging the Democratic-controlled legislature, Reagan vetoed language written into the new budget appropriation bill by the lawmakers to require benefits to be maintained at existing levels.

Pending before Congress are two proposals by President Nixon that would relieve the fiscal squeeze on the states—revenue sharing and welfare reform.

The House Ways and Means Committee began closed door consideration of a substitute for the President's revenue-sharing plan. Senate hearing begin later this month on Nixon's House-passed welfare reform plan.

The welfare reform bill would set up a federally administered program, establishing uniform nationwide welfare payments and extending eligibility to all poor

families with children. It is estimated that one-half of such families now receive no aid.

But there is doubt that any move by Congress will be soon enough to head off the benefit-cutting trend in state capitols.

There have been sporadic cuts in benefits by states in the past. But the national trend in payment levels has been upward ever since the federal government began helping states finance welfare programs in 1936.

Indicative of the new trend, New York and New Jersey—two states which heretofore were pace-setters in raising benefits—were among six states which reduced or restricted benefits during the past year.

Two other states have ordered benefit cuts put into effect this summer, the survey showed. Nebraska plans to cut benefits 10 per cent Aug. 1 and Kansas 20 per cent Sept. 1.

In a dozen states, including California, benefit cuts were said to be under consideration, or possible,

during the coming 12 months, depending in some cases on whether costs of caseloads exceed budget expectations.

During the past year, according to the survey, benefits were cut as follows:

Benefits withdrawn—Alabama put into force new eligibility rules for Aid to Families with Dependent Children that knocked off the rolls 6,000 of the 30,000 families drawing such benefits. New Jersey withdrew from the federal program of aid to needy families with unemployed fathers, substituting its own program in which benefits are one-third lower. Maine abolished aid for newly intact families.

South Dakota cut AFDC benefits 10 per cent, which reduced payment \$30 a month for a family of four. New York instituted a uniform statewide level of benefits that cut back payments to 85 per cent for its AFDC families, including all those living in New York City. The reduction amounted to \$23 a month for a family of four with no income.

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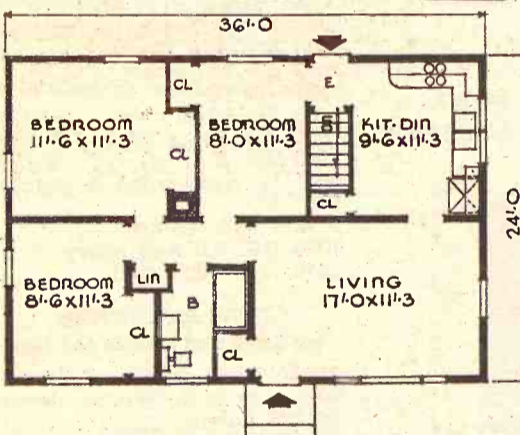
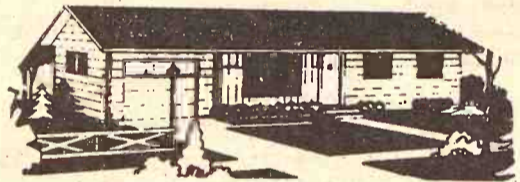
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July 13

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The study, in cooperation with the Department of Labor at the request of Sen. Kan.), who said ...

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KANSAS CREDIT ASSN.

Kansas

1-Rifle inventor never Paid

man who developed the M-1 the standard infantry weapon World War II and the Korean War, begun a fight to reclaim part of a time he says he could have made had sold the rifle privately.

John C. Garand, now an 83-year-pensioner, invented the rifle in and developed and commanded production at the now defunct Springfield Armory.

he says the government promised him but that he got nothing for work. He says he should receive more than a pension check for his work as chief ordnance engineer at the Springfield Armory, from which he retired in 1919.

United States Rep. Edward P. Roybal, a Democrat who lives here and who is a member of the House Appropriations Committee has filed an amendment asking that Garand be paid \$100,000 for his invention.

Garand would not say what he would do if the government refused his claim, but it is believed he would sue.

In an interview, Garand said he never received the government should pay him a minimum of \$100,000 to cover the cost of the manufacture of more than six million Garand M-1 rifles.

If the government had paid him, Garand said, "I would have been a wealthy man—I am inclined to believe that the government took advantage of me."

Garand, who started working at the Springfield Armory in 1919, holds no college degrees, but was awarded an honorary doctorate by Lehigh University.

Early in World War I, Garand said he dreamed of developing a new rifle. While living in New York City, he said accounts about the testing of weapons in Springfield. "I kept coming to myself," he recalled, "that we are taking too long. Don't they know we are at war? I am going to develop a weapon."

Garand showed his drawings to the United States Naval Board, which, he said, told him to see the Chief of Standards. Around 1919, he said the late Gen. Douglas MacArthur saw the designs for the M-1's forerunner and ordered the Springfield Armory to obtain Mr. Garand's services.

According to Garand, MacArthur said that he would be given commercial rights to the weapon.

During the Roosevelt era, Garand said he was asked by the President not to sell the rights to any private interest because of the war.

It was also told again, he said, that he would be paid for his work.

Darrell Carlson
Ted Hardwick
Dean White



WEATHER FAVORABLE FOR BALING

Everett Whitney, R.R. 1, Manhattan is taking advantage of the hot sunny weather to bale some alfalfa on his farm west of Manhattan.

21 Area Counties Find Corn Blight

Taking advantage of weather conducive to infection, southern corn leaf blight had spread to 21 counties in Kansas by last week.

Kansas State University extension plant pathologists have confirmed through laboratory analysis the presence of the disease in the following counties:

Allen, Anderson, Bourbon, Clay, Coffey, Doniphan, Douglas, Franklin, Jackson, Jefferson, Johnson, Leavenworth, Lyon, Miami, Neosho, Osage, Pottawatomie, Riley, Shawnee, Wabaunsee, and Woodson.

Dr. William G. Willis, KSU plant pathologist, said the severity of the disease ranges from a few lesions (spots) on the lower portions of corn plants to heavy infection on the

upper six leaves.

Paul Kelly, county extension agricultural agent in Neosho County, told Willis blight appeared to be present in 50 per cent of the fields there.

"On the other hand, county agent Pete Maley in Lyon County walked through several fields there and found only two that were infected," Willis said.

While he doesn't want to spread undue alarm, Willis feels blight could become a severe economical problem in Kansas if wet, or hot, humid weather persists.

While insufficient research information on spraying is available, several Kansas Growers have expressed an interest in using fungicides, says Willis.

Growers who feel their situations warrant spraying consideration are urged by Willis to contact their county agents.



Tools Too

AGGIE
HARDWARE
1205 Moro
Manhattan, Ks.

August 4 Angus Date At Paola

12

PAOLA—The Eastern Kansas Angus Field Day and Show will be Aug. 4 at the Paola, Kan., fairgrounds. The show, featuring junior and adult Angus is the day

before the Mizzou Cattle should arrive before registration.

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10% off
ON ANY FABRIC PURCHASE
TO ANY
4-H MEMBER

Preparing a Project

This offer good until August 31. Coupon Must Be Presented At The Fabric Store.

TEMPO Shopping Center
9 a.m. - 9 p.m.
10 a.m. - 6 p.m.
MANHATTAN, KANSAS

Who needs Ol' Ev?

Someone horned in on the rain business last week and left him high and wet with a mess of irrigation equipment. Well... you can't get water on that corn or milo any cheaper, but you sure will have a bright. Come and see.

COMBINES

- 1967 JD 55, cab, air, real good
- 1963 JD 55, just in. Has cab & is real good
- 1962 JD 95
- 1965 JD 45, cab, real good
- 1962 JD 45, cab
- 1962 JD 40, overhauled
- 1959 JD 45
- 1957 JD 45
- 1968 MH 410, cab, good
- 1957 MH 82, SP
- 1956 MH 80, SP
- 1952 MH 26, good
- 1951 MH 26, good
- 1966 Gleaner C-II & cab
- 1966 IHC 403, cab, hydro drive
- 1967 IHC 403
- 1965 IHC 303, cab
- 1960 IHC 91 - junking
- 1961 IHC 151, cab
- 1961 IHC 151
- 1959 IHC 101
- 1958 IHC 101
- 1957 IHC 141
- IHC 127, good
- 1961 JD 40, good
- 1962 JD 40

WE ARE JUNKING

- 1948 55 JD
- 1947 55 JD
- 1958 45 JD
- 1957 45 JD

PLANTER

- JD 406 4 row with fert., real good

TRACTORS

- 1970 JD 4020 with roll-guard cab. Only 724 actual hours. A cream puff if you ever saw one and the price is right
- 1966 JD 4020 dsl., synchro-range
- 1965 JD 4020 diesel, synchro-range, with cab
- 1964 JD 4020 diesel, power shift
- Two 1965 JD 2510 gas, WF, both are first rate tractors
- 1965 JD 3020 gas, wide front has radio. Real slick.
- 1964 JD 3020 dsl., power shift
- 1962 JD 3010 diesel
- 1957 JD 720 diesel
- 1954 JD 60
- 1953 JD 60
- 1951 JD B
- 1950 JD A
- IHC M, overhauled & painted
- IHC M
- 2 MH 44's, choice
- 1946 IHC H, real sharp
- 1945 IHC 400, good

NEW MACHINES

- we have had a little too long
- JD 20' 100H field conditioner
- 4020 row crop, syncro, demo.
- 224WS baler
- 24WS baler
- BWA disc harrow, 12'
- BWA disc harrow, 13'
- 2 1250 plateless planters, 6 row
- No. 37 loader
- No. 68 auger feed wagon
- 2 407 Gyramors
- 727 pull Gyramor
- 307 Gyramor

SPECIALS

NEW BUT SLIGHTLY USED

- 1970 JD 4520 tractor, just a few hours on this
- 1970 JD 4020 with cab, used to spread fertilizer
- 1970 JD 4020 dsl., wfe, cab & heater. Better see this one. Only 635 hours.

COMBINE SPECIAL

- 1965 IH 303 w/cab, 13 1/2' cut. A good combine

NEW (NEVER USED) SPECIALS

Only One Of These Specials Left, a John Deere 4000 gas tractor. We've got a couple lookers at this one. The price is OK.

FULL EQUIPMENT FOR IRRIGATION SYSTEMS You Dig The Well

TRACTOR SPECIAL

1960 A-C 180 with cab. This is a good tractor with only 1100 hours.

Absolutely the lowest priced...



...new special-edition Ford is the lowest-priced full-size pickup with independent front suspension. Special trim, special paint, special foam seats.

For openers, it's the only pickup with not one, but two front axles... for a smoother, carlike ride. It's the only pickup with radius rods... to hold alignment better. It's got the roomiest cab of any pickup today. The pickup box is welded, not just bolted. And this "special" includes... like foam seats. Sports Custom door trim, bright drip rails, much more! Your choice of 6 1/2- or 8-ft. box. And it's priced lower than any comparable truck today!



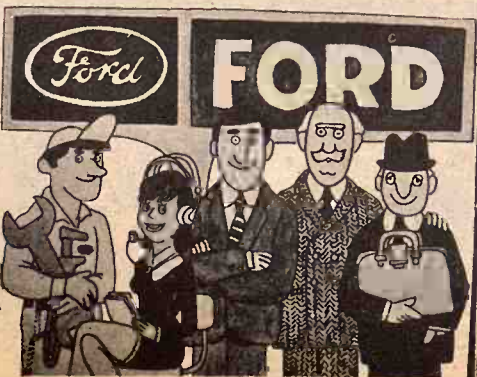
WE'RE STOCKED UP—PRICED DOWN ON ALL PICKUPS. Our Camper Specials have a 500-amp battery, heavy-duty battery, more wiring for lighting, heavy-duty battery, more!

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WAMEGO, KANSAS



Farmers Union Hdw & Implement



EVERETT HOUBLER, manager
Phone 437-2913
ST. MARYS, KANSAS

Droopy Record On Livestock Return

One year ago, income levels on many livestock farms were among the best ever. A five-year study (1965-69) of livestock prices and enterprise returns based on results shown in Illinois Farm Business Records had just been completed. More than six thousand Illinois farmers keep these records under the supervision of trained fieldmen. Farmers enrolled in the Farm Business Farm Management Association receive analysis reports each year. These reports are prepared with the University of Illinois educational and research purposes.

Results of 1970 Studies
The summary of 1970 records shows results that most feeder-livestock farmers would like to forget. In one year, hog returns for each \$1 value of feed fed dropped by a third. This change was among the greatest ever recorded. Similar comparisons for feeder cattle show a drop of 25 per cent. The 1970 summary shows the lowest returns for feed fed since 1963 and 1964 hogs, and since 1966 and 1967 for feeder cattle. Feed accounts for 65 to 80 per cent of the total costs in producing hogs and beef.

Returns from dairy and beef-cow enterprises improved steadily from 1965 to 1969; they were down slightly in 1970. Supply and demand factors have been important in explaining the improved prices from these two enterprises.

Hog Supplies Should Adjust
The average price received per pound of pork produced for all hogs sold from record-keeping farms (1966 through 1970) was \$10.99. A recent study of selected record-keeping hog producers showed that total hog-production returns for 1970 averaged \$19.03 per 100 pounds produced. These were down from \$21.50 in 1969, specialized commercial hog farms. They averaged 385 litters per farm, and represent a high level of management using confirmed systems of hog production. Other studies have estimated the total cost of hog production at \$17 to \$22 per 100 pounds, depending on efficiency and type of facilities used.

The 700 Illinois hog-enterprise records, which make up the FBFM annual sample, include about 4 per cent of all the hogs produced in the state. Until 1969, the average size of the sow and litter enterprise on all farms in this sample was increasing about 3 litters per year. But in 1969, the increase over the previous year was 5 litters. In 1970, the sample average increased 9 litters—from 82 in 1969 to 91 litters per farm.

Favorable prices and costs plus greater specialization on farms contributed to the 1969 and 1970 increases. The number of hogs was growing rapidly while consumer demand showed signs of weakening. The result was a record price drop. During 1970, hog prices at seven

Midwest markets averaged \$27.28 for the first quarter and \$16.55 for the last quarter. From January through April of this year, prices have averaged \$17.37. These lower prices, combined with higher feed costs, should dampen producer enthusiasm about expanding hog production.

Each 10-cent shift in the price of corn also changes the cost of raising hogs by about 60 cents per hundredweight. With corn prices at \$1.55, the average hog producer can expect total production costs to be between \$19 and \$20 per 100 pounds of pork produced.

Most hog farmers demand good pay for the kind of work involved in hog production. When profits are low, they breed fewer gilts; when profits are high some consider expansion. Generally, the average hog producer can plan on one low-profit year out of each four. Hopefully, the past eleven months have been part of the low profit year.

D. F. Wilken
Univ. of Illinois

Governor, Janssen Apart On Atomic Dump At Lyons

Gov. Robert Docking has continued his battle against the Atomic Energy Commission over location of a proposed nuclear waste repository in abandoned salt mines near Lyons, and a Democratic state senator said the governor is playing politics with the controversy.

"He'll be on whichever side the wind is blowing," said Sen. Jack W. Janssen, D-Lyons at a legislative interim committee meeting.

"Of course he thinks it's popular with a majority of the voters of this state to oppose the repository," Janssen said. "He was for it until some opposition arose."

It has not flared into open animosity, but Docking and Janssen have been on opposite sides of the repository fence since early in the 1971 legislative session because of

the governor's emerging opposition to the proposed Atomic Energy Commission project. Docking also is a Democrat, and his party holds only eight State Senate seats.

Janssen reiterated he and many others at Lyons are convinced the AEC will conduct necessary and adequate tests on the abandoned salt mines near Lyons to insure their safety before any dumping of the nation's nuclear wastes begins in 1975—the target date the AEC has set for placing the first radioactive materials in the mines.

Ron Baxter, chairman of the Kansas chapter of the Sierra Club, said the club feels the AEC has violated federal law and specifically


injunctive action based on that act. He said the club has asked the Kansas attorney general to file an

injunctive action based on that act. If he does not, Baxter said, the Sierra Club will file its own law suit.

EMPORIA LIVESTOCK SALES CO.

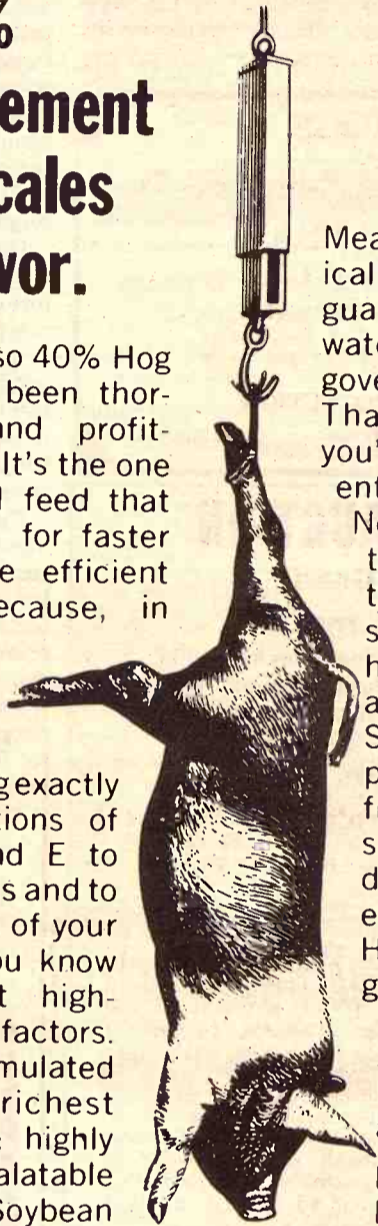
Cattle Auctions at 10 am. Each FRIDAY

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Lasso 40% Hog Supplement tips the scales in your favor.

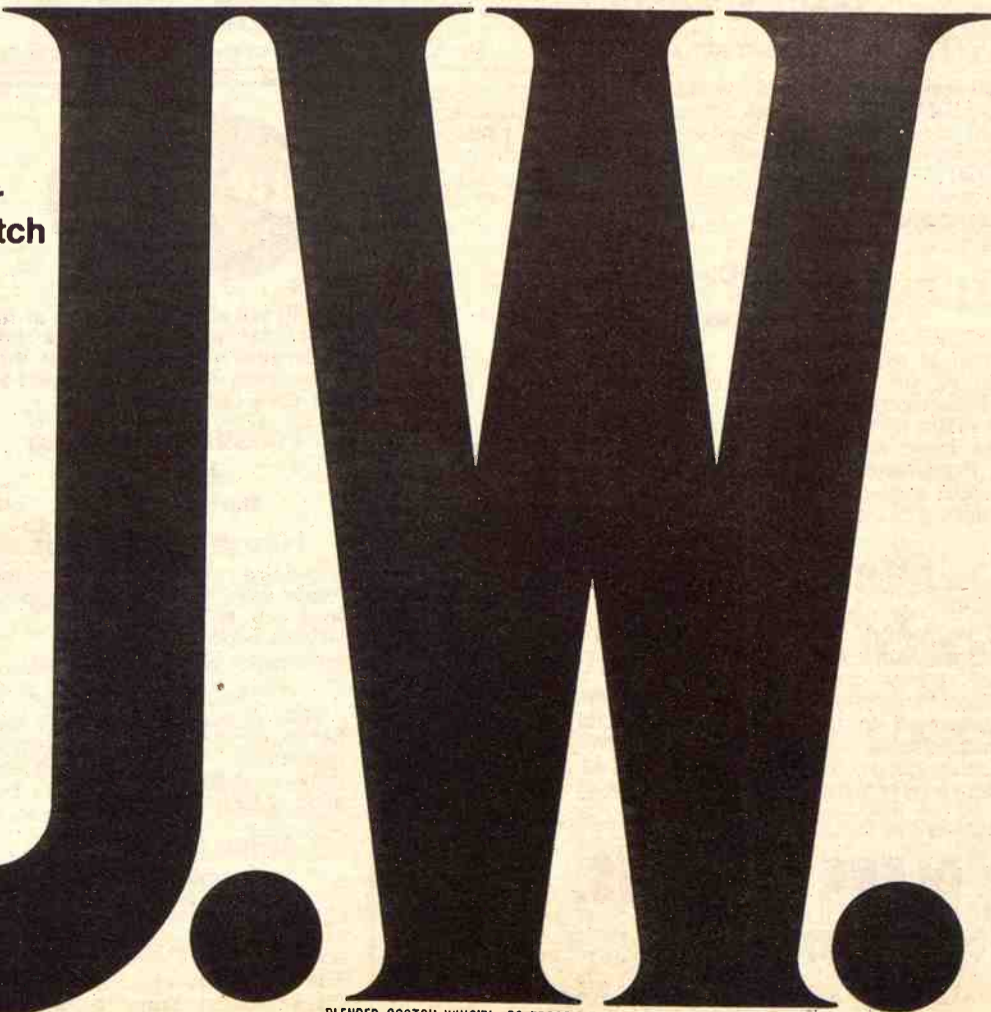
That's a fact. Lasso 40% Hog Supplement has been thoroughly tested and profit-proven at market. It's the one carefully-balanced feed that you can bank on for faster growth and more efficient gains. That's because, in making Lasso 40% Hog Supplement, nothing is left to chance. You know you're getting exactly the right proportions of Vitamins A, D and E to pack on the pounds and to make the best use of your corn and milo. You know it contains eight high-powered growth factors. You know it's formulated from nature's richest source of protein: highly digestible and palatable Sunflower Brand Soybean



Meat. You can see it scientifically mixed in quantities that guarantee freshness. You can watch as it's weighed on government-inspected scales. That way, you can be sure you're getting the right ingredients in the right amounts. No more. No less. To protect the health of your herd through periods of common swine diseases, you can have the correct antibiotics added to Lasso 40% Hog Supplement. Get the impressive gains that come from feeding this superior supplement. Follow the directions furnished with each sack of Lasso 40% Hog Supplement and you'll get to market 15 to 20 days ahead of the herd. And with healthier, heavier hogs. That's a fact.

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The most popular popular-priced Scotch in Kansas. Find out why.



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TRACTOR PULLING CONTEST

Herington, Kansas

JULY 31, 1971

TROPHIES AND PRIZE MONEY IN ALL CLASSES

To be held at the last day of the Tri-County Fair.

Kansas Tractor Pulling Association Rules In Effect.

Watch Grass & Grain for further information. In The July 20th Issue

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JUST ARRIVED
with transport wheel
fertilizer, pop-up, etc.
insecticide & full
cide spray. A good
Howard rototiller,
John Deere 707 4
shredder
SOME REAL
FRONT MOUNT
CULTIVATORS
3 front mt. JD's
4010 or w/ q
70 or 730
1 JD 4-row frt. m
630
1 IHC 4-sec. rotar
pt. or fast hitch
4-row rear mount
like new
JD F145 semi-m
JD F145 semi-m
USED FLOW
JD F145 4x16 semi
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Howard 100" Rot
JD 16" springtooth
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FULL EQUIPMENT
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TRACTOR SPECIAL
C 180 with cab. This is a good
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ST. MARYS, KANSAS

Flint Hills Journey For Governor's Beef Tour

The 1971 Governor's Beef Tour is set for August 17 in Riley, Wabaunsee and Geary Counties.

This, the sixth annual tour sponsored by the Kansas Livestock Association, will be the first one ever held in the heart of the Flint Hills.

Pete Gehrt, a Riley County rancher and chairman of this year's event, said the tour was being planned to depict beef production in the Kansas Flint Hills.

He stated that this year's tour will include commercial rancher-feeder operations, X-bred cow-calf programs, yearling grass programs, purebred cattle, as well as a stop at the Kansas State University Experimental Range Unit. KSU had conducted pasture burning experiments for many years and has produced some interesting results.

Governor Docking will be on hand to visit with cattlemen from across

the state and to view the farms and ranches on the tour that have helped make the Kansas Flint Hills the best preserved and most productive native grazing area in the world. Dr. Bill Roy, United States Congressman from the Second District, is also expected to attend this year's tour and tour the vast Flint Hills grazing area.

Gehrt pointed out that the tour will convene at 8:30 sharp at the Adams Ranch located just north of Interstate 70 and Maple Hill. He said during the morning the caravan will tour through Wabaunsee and Geary Counties with a noon barbecue planned by the Junction City businesses. After lunch they will continue through Geary and Riley Counties and finish the tour with a big beef barbecue in Cico Park located on the north edge of Manhattan. The evening dinner will be sponsored by Manhattan businesses and Governor Docking will address the group at this time.

The Governor's Tour is

traditionally held in the general area of the Kansas Livestock Association's President.

The area this year was selected because the current KLA president, Fred Germann, is from Dwight in Geary County.

Germann encouraged farmer and ranchers and especially urban people from Topeka, Junction City and Manhattan to take advantage of this opportunity to tour beef cattle operations in the world famous Flint Hills grasslands.

Partial view of a table from the left page, showing financial or statistical data with columns for years and values.



CONFERENCE
Dave Nelson, left, of Manhattan was one of several G&G area FFA-ers who attended a national leadership conference in Washington, D.C., last week. With him is Don Dooley, right, of Hanford, California, national vice president from the Pacific region. Dave, 17, is the son of Mr. and Mrs. Dwight Nelson of Manhattan.

Auction SALE

Wednesday, July 14

Starts 10 a.m. — Lunch Served
Having leased our farm and quitting farming, we will sell at public auction on the farm located 2 miles south of White City, Kansas on Highway 4, or 18 miles northeast of Herington, Kansas.

HORSES

Registered Quarter Horse filly, 2 yrs. old, broke (Dun)
Registered Quarter Horse, gelding, 3 yrs. broke (Dun)

TRACTORS, COMBINE, SWATHER & BALERS

John Deere 4020 D. tractor, power shift, power steering, wide front, 3 point, front and rear wpts, new rubber, less than 1500 hrs., very good
John Deere 70 tractor, gas, row crop, fully equipped, good shape
John Deere 3010 tractor, fully equipped, gas, row crop, complete overhaul, good rubber, good
Massey Harris 44 tractors, row crop, front ends
Massey Harris 44 tractor standard, good shape;
Ford 8 N tractor, fully equipped, with mower
Ford 8N tractor, fully equipped with Cement Mixer
Ford 8N tractor, fully equipped
Ford 609 tractor, with Davies front end loader, good shape
Massey Harris Model 80 combine, 14-ft., with pickup, motor rebuilt, good shape;
Allis Chalmers round hay baler, good
Massey Ferguson No. 10, hay baler, good
Hesston Model 500, 14-ft. swather and hay conditioner, good shape

TRUCKS, FEED WAGON & TRAILERS

Chev. 2-ton truck with grain bed, stock racks and hoist
Chev. 3/4 ton pickup, 4 speed, rebuilt motor, 1 Metal stock racks for pickup
Chev. 1 1/2 ton truck with Grain-O-Vator
30 feeder wagon
factory built 4-wheel trailers, 8x14 flatbeds, most electric wheel and John Deere's, good
4-wheel machinery trailer

FARM MACHINERY

John Deere No. F-145 H., 5x16 steerable plow, 3 point, good
Bear Cat grinder, (alfalfa Special) with feed table, P.T.O., good
G-T 8-in. grain auger 62-ft., P.T.O., on rubber, good
Krause 17-ft. wheel disc, good
Krause 13-ft. wheel disc, good
Krause 11-ft. chisel, good
Anhauser 3-pt. post hole digger, with 9 in. & 14 in. bits, good
Empster 4 row planter, 3 point, rubber press, markers
Empster 2 row planter, 3 pt.
Krause 45-ft. 8-in. grain auger, on rubber, P.T.O.
John Deere 17x7 grain drill, fertilizer press wheels, on low rubber
John Deere 3x16 plows, fully mounted, 3 pt.
Ford 2x14 plow, 3 pt.
Massey Harris 3x16 plow on rubber
John Deere 12-ft. wheel disc, K.B.A.
John Deere No. 45 front end loader
John Deere No. 9, 3-pt. mower, 7 ft.
John Deere No. 5 semi-mount mower
12-ft. grain auger
12-ft. grain auger
gear blades, with 3-point
New Holland side rake, 2 wheel on rubber
Ford 2-row cultivator, with 3-pt.
Ford 2-row weeder, with 3-pt.
Prillion 15-ft. spring tooth, on rubber
Newance 5-section portable drag harrow, good
M.B. 6-ft. rotary mower, pull type, on rubber
John Deere 2-row lister, with fertilizer, 3-point hitch
John Deere 3-point tool bar with chisel attach.

POSTS, HOG EQUIPMENT, CATTLE EQUIPMENT & MISC.

good hedge posts
lumber
round metal hog feeders, 80 to 100 bu. size
metal hog and cattle scales
hay feeder
Stock Tanks
cane tank heaters
Butane bottles
3 cattle oilers
metal calf creep feeders
Water tank on skids
filling station type gas pump
100 gal. D. tank, hose, stand & nozzle
100 gal. gas tanks, on stand, hose & nozzle
cylinders
small grain blower
pump jack
150 gal. gas tank with pump to fit into pickup
some small miscellaneous items too numerous to mention

NOTE: This is a large sale so be on hand sale time. Farm equipment will sell shortly after noon break.
Not Responsible for Accidents.
Terms, Cash Day of Sale.
Ervin & Mable Davis, Owners
Bank, First National Bank, White City, Kansas.
Auctioneers: Foster Kretz Auction Service, Clay Center, Ks.
one Morganville WA 6-4422

AUSHERMAN

Design Cylinder Bars
harvest all crops better and put more grain in tank at less cost. Proven on thousands of acres by Custom Harvesters and Farmers. Write for Brochure and prices. Dealer and agent inquiries invited.

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12:30 NOON BONDED

Sales Every Wednesday & Saturday

12:30 p.m.

CATTLE and HOGS

Saturday Sales Will Resume Sept. 4
Wedn. Sales as usual

We had a real good run of livestock last Wednesday. We sold over 500 head of hogs.

Hog market was active to strong. Weaning pigs sold from \$9.00 to \$18.25. Sows \$15.10 to \$16.90. Butcher hogs \$20.50 to \$20.65. Cattle market was active. Baby calves sold from \$36.00 to \$69.00. Bologna

bulls sold from \$27.00 to \$27.60. Cows \$18. to \$22.50.
wf bull clvs 421 @ 32
wf str 505 @ 33.10
wf str 638 @ 31.70
wf hfrs 837 @ 24.7
wf hfrs 425 @ 29.10
blk hfrs 440 @ 29.00

COME TO OUR TOWN & COUNTRY DAY
FREE BAR-B-QUE
THURSDAY, JULY 22nd

For info. or estimates
TOM WALKER
Barn 243-1074
Home 243-1674

KCNK
MON.-WED.-FRI.
6:45

Auctioneer
ROLLIE LAGASS
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Concordia Sales Co.

CONCORDIA KANSAS

Old Crow's good taste begins with men who love to work with their hands.

Anthony Clark has a big responsibility. One false move of his hands and he's mixed the wrong measure of grain for the Old Crow formula. Does he ever miss? The proof is in the good taste of our Bourbon.



Making Bourbon which tastes good, bottle after bottle, made Old Crow famous. Back in 1835, our people figured out the formula that took Bourbon-making out of the hit-or-miss category. Later, they handmade the first sour mash Bourbon. We still use our hands in making Old Crow.

After work, most of our men keep on using their hands. Anthony Clark calls on the same craftsmanship mixing grain as he does tying fishing flies.

Over the years, craftsmanship like this has made Old Crow America's best-tasting Bourbon.

Old Crow

Made by good Kentucky hands



KENTUCKY STRAIGHT BOURBON WHISKEY, 86 PROOF. DISTILLED AND BOTTLED BY THE FAMOUS OLD CROW DISTILLERY CO., FRANKFORT, KY.

Passholders Off Over Amtrak Slight

Several crock-pot meals, large amount of dishes, some antique collectors items and misc. items for mention.

CAR, YARD & EQUIPMENT: 1961 Rambler Sedan, stick shift, 50,000 miles, Super Ride 7 HP tractor for with mower, Homko SP lawn mower, 2 other power mowers, 3 HP roto-tiller, green garden cultivator, fertilizer, hand wheel barrow, trailer, 18' ladder, Table saw and saw HP motor, visc motors, yard & hand tools and other not listed; pile used cannisters. Some steel equipment; garden

Terms: Cash Day

Levin, Owner

Service Clerk: WA 6-4422

OVER, COME COOP



maxing when CO-OP Chunk Style Dog Food

homogenized 25% ration

even when served dry.

CO-OP Cat Food Tidbits, the

and bird flavor cats can't

CO-OP Chunk Style Dog Food

ay at your CO-OP.

COOP

Chunk Style Dog Food

Food Tidbits

St. Marys Farmers Market

Clay Center Farmers Market

Lindsborg Farmers Market

ve Assn. Alta Vista and-Onaga

ride."

Understandably, some employes and retirees were miffed and declared as they, so often have, that it was "a helluva way to run a railroad."

The railroad unions took the issue to court, and a federal judge in Philadelphia issued a restraining order on June 21 requiring passes to be honored. The judge extended the restraining order to July 16 and promised a decision then.

Amtrak officials argue that passes

are gifts and there is nothing in union contracts requiring them. Railroad men counter that passes always have been a regular and necessary right of the employes.

With even fewer trains running under Amtrak than before, the argument seems almost academic. It's more a matter of principle than anything else.

"I don't know what difference it makes," said a Frisco spokesman in Wichita. "We haven't had any passenger service for seven or eight years anyway."

"They cut off all our foreign-line passes July 1, 1970, and it was all half-fare for some time before that. You just about have to drive where you want to go anyway."

But an employe of another railroad saw it differently.

"Passes aren't any good anyhow," he said, "but I hope the union beats them on it. This is just another way to put us down, and I don't like it." He said he hadn't used his pass for several years.

A Missouri Pacific spokesman said an employe in his office already had gotten a half-rate order on Amtrak but "So far as I know, passes are not honored."

"Prior to Amtrak, many roads were in on the 'home road' plan," he said. "That is, a man with a MoPac pass could travel for half-fare on the Santa Fe, for example. That was in operation for several years, but applications have to be made to Amtrak now." Even under the home road plan, half-fare tickets were good only on certain trains.

Hauling passholders had gotten to be big business when Amtrak took over. A Santa Fe spokesman said his road honored some 16,000 passes during the first four months of 1971, according to the records.

"That's about the equivalent of having one train a day just for passes," he said. "At \$10 to \$15 per mile for operating costs, that makes it pretty expensive. It figures out at over \$3 million per year in dead loss, and that's part of the cause for the reduction in passenger service."

"Amtrak made the decision on passes—we didn't. When we have a man on company business we tell him to buy his ticket and put it on his expense account."

"Passes are something custom has dictated, nothing else. I think

we're getting more people on the trains now just because the space is available to them instead of to people riding passes."

But it seems certain the argument is not yet ended.

ALL ENTRIES WELCOME

KINGMAN COUNTY TRACTOR PULL

August 8th, 7:00 P.M. Fairgrounds, Kingman, Kansas

ENTRY FORM

Name

Address

Tractor Make & Model

SEND ENTRY TO:

LEON SOWERS
Murdock, Kansas 67111
By July 26th For Additional Information

CASH PRIZE MONEY

CONDENSED STATEMENT OF CONDITION

Citizens STATE BANK & TRUST CO.

MANHATTAN, KANSAS

Close of Business June 30, 1971

RESOURCES

Loans & Discounts	\$ 7,940,310.96
Bank Premises	119,176.43
Furniture & Fixtures	65,799.20
U.S. Bonds & Fed. Agencies	2,151,767.75
Municipal Bonds & Other Securities	4,964,593.70
Cash & Sight Exchange	1,063,274.38
Total Resources	\$16,304,922.42

LIABILITIES

Capital Stock	\$ 258,300.00
Surplus	950,000.00
Undivided Profits	197,417.96
Reserves	146,174.52
Other Liabilities	293,097.40
Total Deposits	14,459,932.54
Total Liabilities	\$16,304,922.42

The above statement is correct.

R. T. Sheldon, President

DIRECTORS

W. H. Bell, Chairman of the Board, Citizens State Bank & Trust Company

Byron Brooks, State Representative and Rancher

Don J. Everett, Attorney

Ralph Rothlisberger, Rancher

M. James Ryan, Manager of Vanier Enterprises

R. T. Sheldon, President, Citizens State Bank & Trust Company

C. M. Skaggs, President, Skaggs Motors

A. W. Torluemke

Arthur D. Weber, Vice President Emeritus, Kansas State University

Ward Wright, Executive Vice President, Farm Bureau Mutual Ins. Co., Inc.

Kansas Farm Life Ins. Co., Inc. KFB Insurance Co.

H. Alan Bell, Vice President, Citizens State Bank & Trust Co.

John Means, Executive Vice President, Citizens State Bank & Trust Co.

Cecil D. Hunter, Partner, Hunter & Lundberg

OFFICERS AND TELLERS

W. H. Bell, Chairman of the Board

R. T. Sheldon, President

John Means, Ex. Vice President

H. Alan Bell, Vice President

Twila Ericson, Ass't Vice President

David Murphy, Cashier

Michael Toy, Ass't Cashier

Carol Adams, Teller

Golda Abshire, Teller

Jeanette Anderson, Bookkeeper

Virginia Jensen, Teller

Phyllis Dawson, Teller

Cheryl Erickson, Secretary

Donna Flohr, Teller

Betty Florence, Proof

Ila Fritz, Bookkeeper

Dennis Hatfield, Teller

Betty Kirby, Bookkeeper

Gloria Krob, Bookkeeper

Dorothy Moser, Proof

Marie Renz, Teller

Helen Roe, Teller

2 BIG SALES EVERY WEEK

Bonded for your protection

HOGS on Tuesday
LEADING HOG MART IN KANSAS.

WASHINGTON SALES CO., INC.

Barn Phone 913/325-2266

CATTLE Every Wednesday

Harold Siegel, Albert Gieser Auctioneers

For Information or to Consign, Call: **ED BURT, Washington, Kans. 913/325-2353**

Statement Of The Financial Condition Of The UNION STATE BANK

Olsburg, Kansas

At Close of Business June 30, 1971

ASSETS

Loans and Discounts	\$1,165,640.34
Building & Fixtures	2,000.00
U. S. Bonds	309,822.89
Cash and Sight Exchange	208,160.48
Federal Funds Sold	350,000.00
Other Bonds	254,733.23
Total	\$2,290,356.94

LIABILITIES

Capital Stock	\$ 50,000.00
Surplus	150,000.00
Undivided Profits	104,880.11
Reserve for Bad Debts	18,559.46
Unearned Interest	2,122.80
Total Deposits	1,964,794.57
Total	\$2,290,356.94

The above statement is correct

J. W. Yantiss
Vice-President

UNION STATE BANK

OLSBURG, KANSAS

Member Federal Deposit Insurance Corporation

Auction SALE

THURSDAY, JULY 15

STARTS 9:30 A.M. — LUNCH SERVED

Due to health we are quitting farming and will sell at public auction on the farm located 7 south and 2 east of Linn or 14 north and 4 east of Clay Center, Kansas.

FARM MACHINERY

1969 John Deere 3020 tractor, diesel, wide front, locked rear end, 3 pt., power steering, LPO, L hyd., 600 hours, like new

1956 IHC 350 tractor, gas, new rubber, fast hitch, TA, less than 400 hours since complete overhaul, LPO, L hyd., very good

1953 Super H tractor, complete overhaul, good rubber, very good

And a full line of farm implements and tools, much of it late equipment.

Trucks & Trailers

1969 Ford F-250 3/4 ton pickup, HD, 4 speed, Big 6 engine, wrap around bumpers, mud tires, wide bed, radio, heater, 17,000 miles, like new

Also stock racks and 2 Electric Wheel trailers

Registered Hereford bull, 5 years old, gentle and a good breeder, the modern type, cows are all bred to this bull

This is a good set of farm stock cows, all good producers and milkers.

Terms — Cash Day Of Sale

For Full Listings See Grass & Grain June 6

Oscar & Alga Ohlde, Owners

Clerk — Bank of Palmer, Palmer, Kansas

Auctioneers: Foster Kretz Auction Service, Clay Center, Phone Morganville WA 6-4422

K-HILL MART

Furniture & Appliances

MANHATTAN

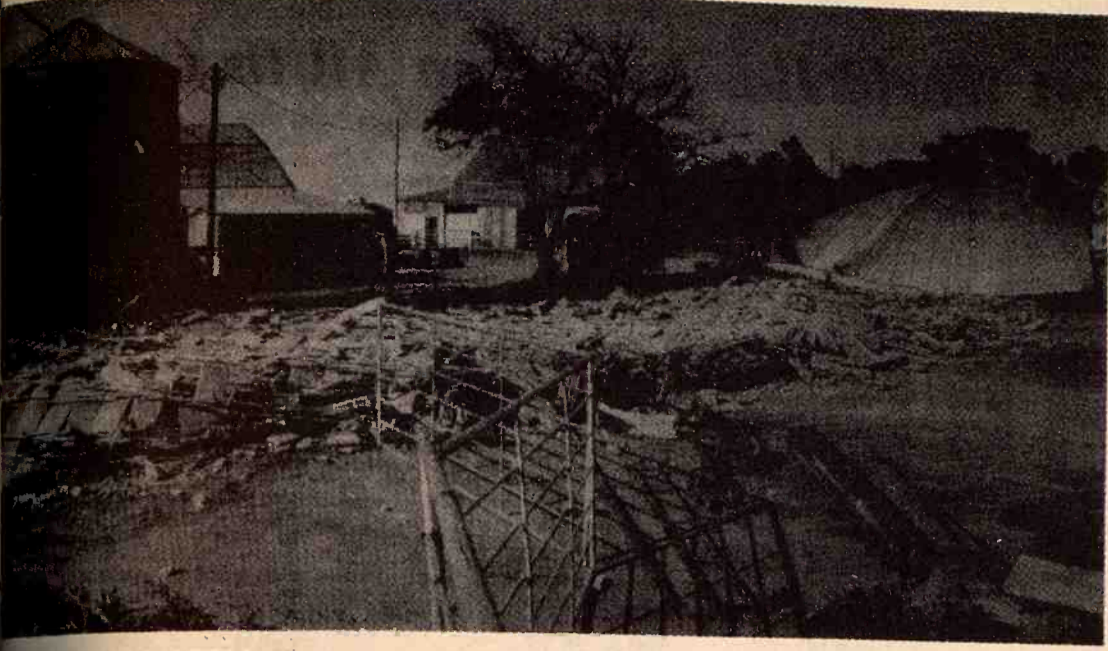
East Over the Viaduct on Highways 177 and 18 776-9707

THE HOME OF CERTIFIED SERVICE

TERMS TO SUIT YOU

OPEN Monday thru Thursday Till 8:00

July 13, 1971
No Organ Plan Till Rattler
 TUCSON, Ariz. — Young plans to play piano until a rattlesnake decides to invade the family's organ.
 Mrs. Young said children were sitting in living room when rattler crossed the rug and sprayed mace into the air. Mrs. Young tried to catch it without success.
 Mrs. Young said she has decided not to play organ until the rattler leaves her residence.



IT FINALLY FELL

Last October, observers were making book that a leaning silo on the Dick Wellman ranch near Alden in Rice county was going to fall. The structure, 7 or 8 years old, had fallen noticeably out of plumb and was attracting enough viewers who hoped to catch sight of the fall that Wellman jokingly threatened to sell tickets.

As suddenly as it started to tilt, the silo seemed to stabilize its cocked position and held together all thru the winter and spring.

A week ago, it finally fell. No one was injured and no other property was damaged.

The day before it fell, the story could have been different. "Seven of us were inside of it 24 hours earlier trying to figure out why it was leaning," said Brad Wellman, 21, son of the ranch owner.

The silo cost \$18,000 when it was built and had a capacity for 2000 tons of silage.

K-State extension personnel had studied the leaning silo, for it was one of several relatively new silos with the same problem.

caused by their own errors, merely that they would pay any penalties ensuing.

Similar complaints have been filed by FTC against Beneficial Finance.

National Honor To Ft. Scott FFA

MANHATTAN—A Kansas Future Farmer of America Chapter is one of three in the nation this year to receive the Farm Conferences Award of Merit.

The honor has been won by the Fort Scott FFA Chapter, and recognizes that chapter's outstanding safety promotion programs conducted in the Fort Scott community during the past year.

The Fort Scott Chapter award was announced by Phillip Schmidt, representing the National Safety Council, Chicago, Ill. The award will be presented formally Tuesday morning, July 13, as a highlight of the 43rd annual convention of the Kansas Association of FFA, which will be held on the Kansas State University campus at Manhattan July 11-13.

According to Harold Shoaf, Topeka, executive secretary of the Kansas Association of FFA, only three other chapters in the nation are receiving the "Award of Merit" this year. The Fort Scott safety award is only the third one in the history of the Kansas Association of FFA for a Kansas chapter.

Test On Forage Sorghum Hay Vs. Silage

Forage sorghum silage produced faster gains at less cost than forage sorghum hay in a test conducted at Kansas State University's Fort Hays Branch Experiment Station.

Researchers wanted to know if hay would produce the rapid gains desired in a typical cattle

backgrounding program. The average daily gain for wintering calves fed hay was 1.87 pounds, compared to 2.10 pounds for those fed forage sorghum silage.

Taking into account hay wastage and estimating the cost of sorghum silage at \$10 per ton, researchers placed the relative value of the hay at \$20.64 per ton.

The average weight of air dry feed for 100 pounds of grain was 866 pounds for silage and 1,023 pounds for hay.



Having discontinued our tire repair and gasoline transport business, will sell at the Louk Derby Station 2 miles south of Meriden, Kansas on K-4.

SUNDAY, JULY 18
 Starts 1:00 p.m.

- 5840 gal. 5 compartment trailer gas tank
- 6000 gal. & 4000 gal. above ground storage tanks
- 560 gal & 300 gal. overhead tank & stands
- 2" gas pump; two 10-10 coats; 3 air & manual fire changers; 3 hyd. floor jacks; 5 air & manual bumper jacks; hyd. transmission jack.
- 20 ton hyd. jack (new); 2 tire breakers; Hunter wheel balancer; 5 tube tanks; safety cage.
- Acetylene welder complete with tanks; 4 air grease & gear oil guns; 3 air & manual tire spreaders; 2 chain hoists; spark plug cleaners and tester; generator tester; Dyno-Vision tune-up machine; electric steam cleaner; tow bar; gas station pump; 100 gal. step tank; two 23-gal. saddle tanks; large Pepsi pop vendor.
- Shop and hand tools; assortment of gun, grease and motor oil; much misc. not listed.

Many of these items are less than 4 years old and used very little.
 Sale Held In Shade
 Good Cafe Adjacent To Sale
Louk Oil Co.
 Auctioneers
 Earl Roderick Auction Service

BEATRICE 77 LIVESTOCKS

Monday—
 Wednesday—
 BARN PHONE 223-3571

Saturday, July

Starts 1:00 p.m.
 We will sell at public auction 3/4 miles north of St. Marys, Mo. 3, then 1/4 miles west.

HOGS & EQUIPMENT
 2 hybrid boars
 42 hybrid sows, 14 piglets or are due to others will be bred
 4 A-frame hog houses
 10 oak farrowing waterers and feeders
 10 heat lamps and pig feeders
 Lots of money spent on the breed above hogs.

MISCELLANEOUS
 15 gas cans; lots of wheelbarrows; hydraulic for JD; fence charger; junk iron; lots of misc.

ANTIQUES
 70 feet Crandall's spice barbed wire; press; flask; cream.

Nothing Sold Pre-

Eugene Floer

RICE MOTORS
 Kansas Largest Volume Dealer
 OLDSMOBILE CADILLAC
 ABILENE
 Variety To See
 Used Car Lot
 Cadillac, V8, 4 door
 automatic transmission
 550, 4 door
 automatic transmission
 heater, air conditioning
 Air 6 cyl., 4 door
 stick
 edere, V8, 2 door hardtop
 er, 4 speed, power steering
 ala V8 4 door hardtop
 radio, heater, air conditioning
 wer brakes, air conditioning
 ala V8 4 door
 automatic transmission
 ater, air conditioning
 akes, air conditioning
 ala V8 Super Sport
 arquoise, radio, heater, air
 ayne, 2 door, beige, heater
 ic 4 door
 n. Beige, radio, heater, stick
 oor station wagon
 , heater, automatic transmission
 or, radio, heater, stick

Complaint Vs. R Block

H&R Block, Inc., the income tax preparation firm, has been accused of using confidential information

from customers for its own purposes and also with misleading advertising.

H&R Block officials say they had not sold any confidential information but agreed they had sold customer lists to Pennsylvania Life Insurance to solicit insurance and

mutual funds packages. The complaint on the advertising concerned Block's claim that it would make good any penalties caused by errors in preparation of tax returns. Block officials say they have never contended that the company would pay tax deficiencies



Reynolds Sale Barn

ABILENE, KS.

Selling Every **FRIDAY**

STOCKER & FEEDER HEIFERS
 No good to choice feeder heifers with weight offered. Just odd lots of medium quality.
 9 shrthrn hfrs 413 @ 31.90
 11 shrthrn hfrs 534 @ 30.60
 2 shrthrn hfrs 720 @ 29.00

COWS
 1 brn sw 1645 @ 23.40
 1 holst cow 1425 @ 23.00
 1 holst cow 1550 @ 23.00
 1 holst cow 1225 @ 22.40
 1 holst cow 1450 @ 22.10
 1 holst cow 1380 @ 22.10
 1 holst cow 1200 @ 21.50
 1 red cow 1050 @ 21.40
 1 red cow 975 @ 21.10
 1 holst cow 1475 @ 21.10
 1 holst cow 1280 @ 21.80
 1 holst cow 1175 @ 21.80
 1 holst cow 1675 @ 21.70
 1 holst cow 1080 @ 21.30
 1 wf cow 1055 @ 21.90
 1 wf cow 1050 @ 22.40

BULLS
 1 fat blk bull 1350 @ 27.60

PIGS
 15 small pigs @ 13.50
 11 small pigs @ 12.75
 16 feeder shoats @ 16.00

Following is a partial listing of last Friday's sale:

STOCKER & FEEDER STEERS
 3 wf str 491 @ 35.80
 2 bwf str 480 @ 35.90
 8 wf fleshy str 584 @ 32.90
 19 wf str 702 @ 32.00
 71 med quality blk 656 @ 32.20
 14 med quality wf 710 @ 31.90
 25 med quality fleshy blk str 564 @ 31.85
 32 med quality blk 660 @ 32.20
 6 blk str 777 @ 31.45
 2 char str 822 @ 31.60
 2 char str 712 @ 31.60
 2 char str 750 @ 31.60
 24 holst str 839 @ 25.75
 15 holst str 720 @ 26.00

TUNE IN ABILENE STATION KABI 1560 ON YOUR DIAL 12:20 NOON EACH THURSDAY AND 6:45 A.M. EACH FRIDAY FOR OUR MARKET BROADCASTS.

Yardmen On Duty 24 Hours A Day

WE ARE OPEN 24 HOURS A DAY
 Livestock is our business • our only business
 Licensed, bonded and operating under Gov't Supervision

Bring your cattle in any time day or night; we'll handle them for you at your request.

Dude or Randy Reynolds CO3-3394
 Dan Reynolds CO3-4721

DUDE REYNOLDS, Abilene, Ks.

Sale Every Thursday Hogs 11:00 a.m. Cattle 1:00 p.m.

HARVEST IS OVER SALES RESUME JULY 15



Following our Harvest Vacation, we expect a very good run of cattle & hogs for this Thursday

Phone For More Information
Marysville

RALEIGH BREEDING, Manager
 barn 562-3671; home 562-3547
 Auctioneer; Larry Lagasse,
 Ph. Concordia, Ks., CH 3-1714

LIVESTOCK & COMMISSION CO.
 MARYSVILLE, KANSAS

