

GRASS

& GRAIN

18th Year No. 10

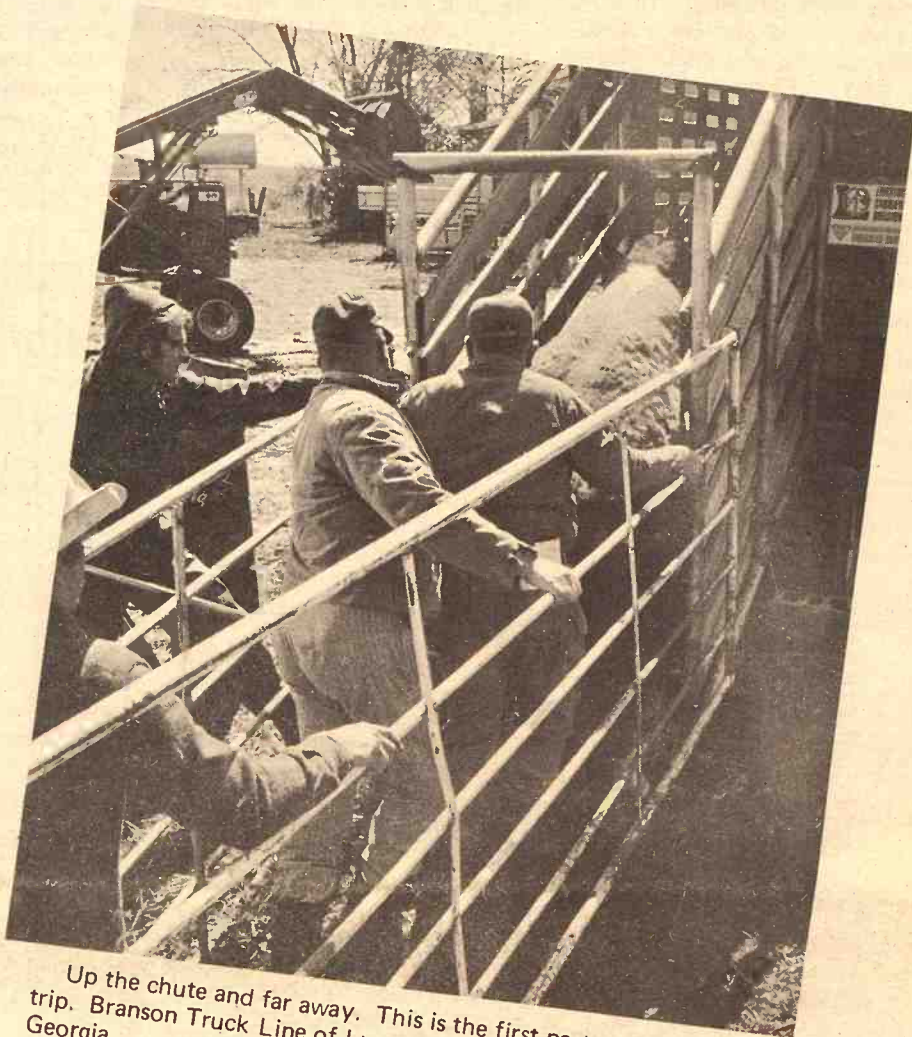
May 9, 1972



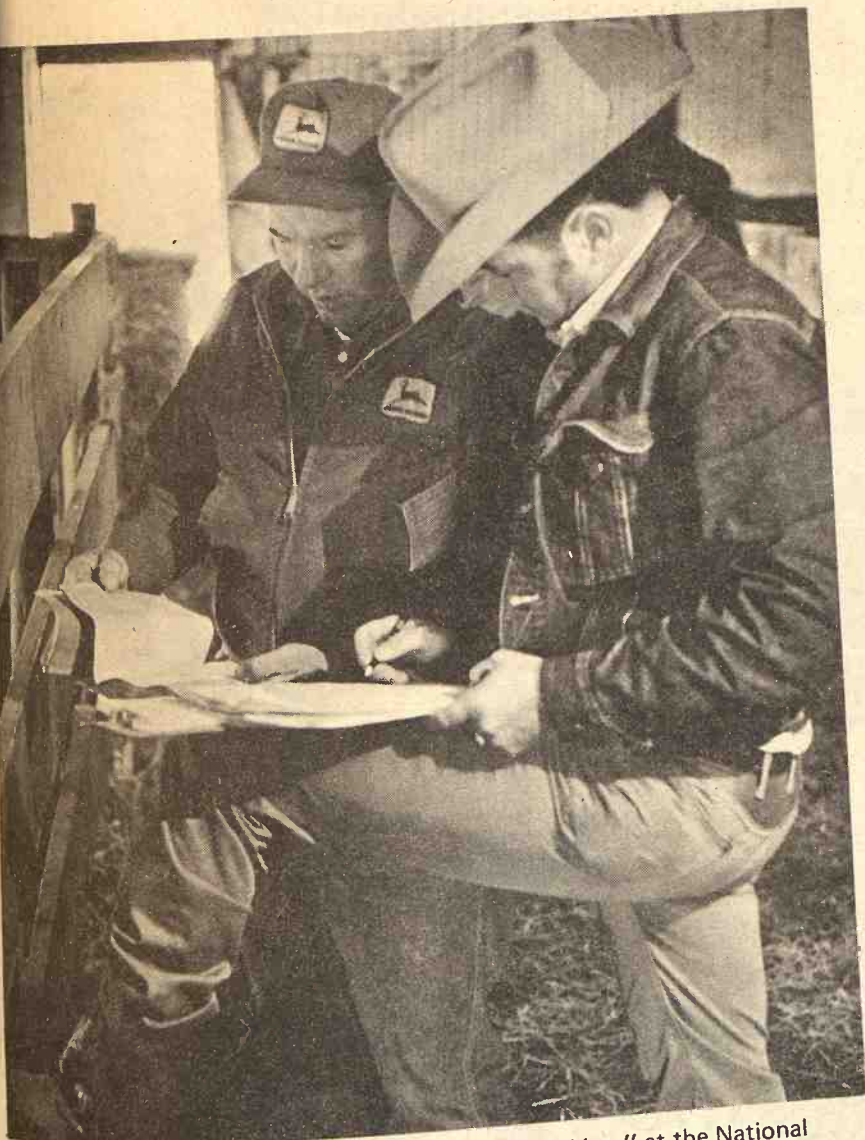
Erwin Serrien, Lincoln County, looks over the cattle before loading. Eleven of them with Serrien riding herd, will be flown from Richmond, Virginia to Madrin, Spain. This venture is part of a foreign marketing program of the American Polled Hereford Assn.

National Herdsman And Herd To Spain

See story on page 2



Up the chute and far away. This is the first part of a very long trip. Branson Truck Line of Lyons will haul them as far as Georgia.



Serrien (left), selected "Herdsman of the Year" at the National Polled Hereford Show in Jackson, Mississippi, and Gary Mills of USDA Market News Service check over the papers to make sure everything is in order before leaving.



Serrien loads his luggage and equipment for grooming the cattle into an empty compartment of the truck.

Load Of Polled Herefords To Spain Started From G&G Area

See Photos Front Page
Twenty-two heifers and three bulls were loaded on a truck at the Erwin Serrien farm in Lincoln County, last Monday, for the first leg of a trip that will take them to Spain.

They are all registered Polled Herefords and will be part of a group of 50 females and 3 bulls to be shipped from this country to Spain. This is part of the foreign marketing program of the American Polled Hereford Association.

Twenty-three of the cattle shipped from the Serrien farm are from eight producers in Kansas. These include Merle Moberley, St. Francis; Otto Bunjes & Son, St. Francis; Sylvester Meitl, Dresden; Dale Reich, Paradise; Alfalfa Lawn Farm, Larned; Martin Busse, Bird City; Bill Watson, Barnard; and McGrews Polled Hereford, Mound City. One of the bulls is from Washington and one from Texas.

Gary Mills of USDA Market News Service was on hand Monday morning to check the cattle out

GRASS & GRAIN

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before loading. They were checked for positive identification and minimum requirements for conformation and weight.

All heifers must have a conformation grade of choice and bulls of prime. Heifers of 18 to 24 months old must have a minimum weight of 700 pounds. Those between 24 and 36 months must weigh 800. All bred heifers must be between 18 and 36 months old. Heifers from 2 to 6 months pregnant can be shipped by vessel, those from 2 to no more than 8 months can be shipped by plane.

Maximum age for the bulls is 48 months. The cattle had previously been checked by a veterinarian and weighed. They will be checked again by a USDA vet just before loading for export.

The reason they were assembled here is that Erwin Serrien will accompany the cattle all the way to Spain. Serrien was selected as "Herdsman of the Year" at the National Polled Hereford Show in Jackson, Mississippi last February. He has been working with the cattle, grooming them and shaping them up.

The cattle will go from here to Lincolnton, Georgia then to Richmond, Virginia. On May 8 ten females and one bull, with Serrien in

charge, will be loaded on a jet and flown to Madrid. The rest of the cattle will travel by ship.

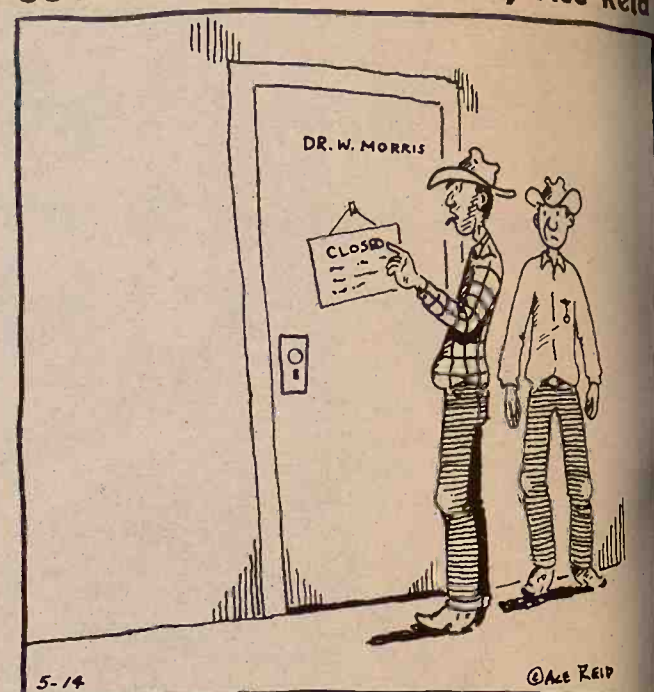
Serrien will be in Spain about 30 days. He will help in showing the cattle at an exposition where several other breeds will also be shown. All cattle will remain in Spain to establish foundation herds.

NO COUNTY MONEY FOR CLAY CENTER AIRPORT

CLAY CENTER — This town's hopes of getting some county money to support the Clay Center airport have apparently been squashed. The county commissioners say there is no chance that they will change their vote not to support the city airport. "Too much opposition," said commissioner E. E. Kretzmeier.

COW POKES

By Ace Reid



"Wul it say's, Doctor's on vacation—watch your diet, don't smoke er drink, I'll see ya in about six weeks!"

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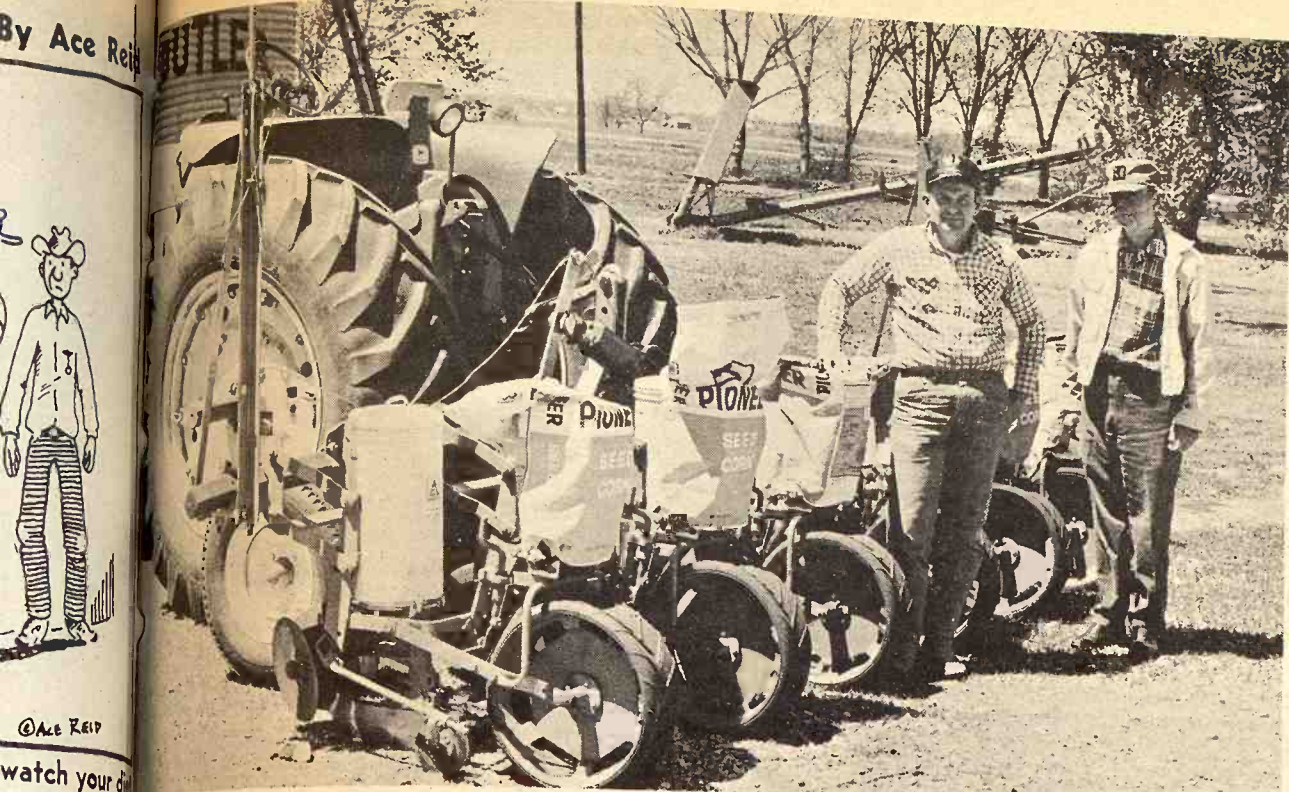
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OUT OF THE FIELD

The spring rains are keeping Grass and Grain area farmers out of their fields. Quentin Carnahan, Wamego, and his father H.H. Carnahan are no exception. "We have a deep loam soil that dries slowly, and after a good rain it takes several days to dry," H.H. Carnahan said. Quentin just finished stirring the top layer of the white corn in the bin to the left. "Rain and high humidity have created a musty smell in one of the two bins," he said.



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Potential Students Neglecting State Tuition Grants

With \$2 million in state tuition grants available to students seeking a private college education, only 100 of a possible 1,000 potential college students have applied for the grants.

Confusion, misinformation and a rapidly approaching May 31 deadline for applications prompted the six Associated Colleges of Central Kansas to sponsor a session

with 45 Wichita area high school counselors.

If the grant program succeeds, officials said, it could have a significant impact on the future of private higher education in Kansas. If students do not apply in sufficient numbers, some admissions personnel said, the Legislature and others may seek to curtail it after the first year. All 19 junior and 4-year colleges in the state that are accredited by the North Central Association are participating. The only private schools ineligible are Central College, McPherson, and Mid-America Nazarene College, Olathe.

Kansas became the 27th state to offer tuition grants when Gov. Robert Docking signed the bill April 5, Roy Just, Tabor College president, said.

Features of the program:

- Applications must be received by the State Education Commission (not postmarked) no later than May 31.

- Students must pay the first \$450 of private college costs. Grants of as much as \$1,000 then will be available to cover tuition, room and board and incidental fees.

- Any scholarship or other loan funds will be subtracted if a student also is approved for a tuition grant.

- If there are two college students in the family, each might receive a \$1,000 grant. The grants are based on financial needs. Scholarship is not a criterion.

- The aid cannot exceed the student's demonstrated need or actual college costs.

- The \$450 which the student must pay is based upon actual tuition costs at state-financed institutions. One aim of the grant program, college officials said, is to make up the difference between private college and state-supported school costs.

The program will be helpful in "closing the gap for the needy student," Just said. About 90 percent of students who expressed interest last fall in one of the 19 colleges did not show up because of cost, he said.

The grant will be made to the student, not to the college. There is no "quota" for each school or set amount of money it will receive, Just said. The program is limited to student resident of Kansas for at least six months, or military dependents.

As it grows the program could affect significantly the balance of in-state versus out-of-state students at the 19 schools. Howard Johnston, Associated Colleges executive director, said. Almost half of the 11,000 students are from out of state now.

If a student's application to the

commission at 700 Kansas Avenue, Topeka, misses the May 31 deadline, he still will be eligible if funds are left after grants are made to the most needy students, Just said. Persons attending college outside the state but who are legal residents of Kansas, also are eligible.

With an estimated 5,000 spaces available in the 19 colleges, Just and Johnston said, the grant program could help as many as 18,000 students attend more expensive private schools who otherwise could not afford them.

Certified Seed Applications Due

Applications for certified seed field inspections of spring crops are due May 15.

Bob Bratcher, secretary of the Kansas Crop Improvement Association, said spring crops subject to the May 15 deadline include barley, oats, rye, smooth brome, sweetclover, and wheat. Alfalfa applications should be sent in 10 days before the crop reaches full maturity.

The completed applications, including the necessary fees and seed source verification, should be sent to the Kansas Crop Improvement Association, 205 Call Hall, Kansas State University, Manhattan.

Bratcher said there is a \$10 penalty on applications received after May 15.

"Anyone producing, or planning to produce, certified seed should study the requirements for doing so," Bratcher added.

Asphalt Surfacing Begins On I-70 In G&G Area

Asphalt overlay surfacing on I-70 west of Salina is expected to begin soon says Kansas Highway Director John D. Montgomery.

He said surfacing on the 15 miles from the I-35W interchange west to the Salina-Lincoln County line will complete the surfacing to design thickness.

He said when the road was built 10 years ago the final three inches of asphaltic concrete was delayed to provide a new smooth surface in the last years of the interstate program.

Montgomery said bridges along the segment are in the process of being cleaned and sealed prior to the overlay movement of traffic through the construction zone, work will be in progress on one eastbound or one westbound lane at a time, he said.

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Hog Producers Learn In Evaluation School

The kind of hogs produced for the supermarket meat counter does make a difference. It can mean extra profits for the producer and more lean meat for the consumer at a reasonable price.

Today the Kansas hog producer has more tools for producing better market hogs and therefore for making more money than ever before. One of the most important of these is county, district and state evaluation schools conducted by packers, locker plants, county Extension agricultural agents, KSU Extension specialists, and Kansas Pork Producers Council members.

Producers expressed a keen interest in this year's 15 schools, where their hogs were evaluated live and then slaughtered for actual carcass measurements. (See table).

Hogs are brought to a central

location, usually a sale barn or a fair grounds building, and evaluated on foot by Extension specialists, producers, and market experts. The backfat, carcass length, loin eye area, and ham-loin index of each hog are estimated.

Then the hogs are sent to a packer or locker plant for slaughter, where carcass measurements are obtained and relayed to the producer in a day or two.

"This enables the producer to see first hand what kind of hogs he is growing," explains Wendell Moyer, Extension swine specialist at K-State. "Producers who take part in these schools know where they stand and what they have to do to improve their product."

When these swine evaluation schools were begun in Kansas in the 1950s, a market hog with less than 1½ inches of backfat was rare. Today, it is just as rare to find a hog with this much backfat.

The muscling in the carcass as indicated by the percent of ham and loin eye area has increased at least 7 percent in the average market hog.

This means the housewife will purchase 12 more pounds of red meat from the hog carcass than she purchased in the 1950s. This lean replaces fat, not only on the exterior but also in the interior of the carcass.

"It's true that it takes a certain amount of intramuscular fat called marbling to make the lean cuts of

pork more juicy and flavorful," continues Moyer. "The modern meat type hog produces this kind of juicy, flavorful lean pork."

It's interesting to note that the smallest loin eye of the top carcass pigs during the recent evaluation schools was 5.3 square inches, going as high as 8.8 square inches. The average hog marketed today has 4½ square inches of loin eye area, which is the lean muscle the housewife sees in the pork chop.

It is also noteworthy that pigs can reach 240 to 250 pounds today with low backfat, large loin eyes and above average percent ham. Not every hog produced today has the genetic makeup to attain this weight and still produce a lean, meaty carcass.

The ham-loin index is used to evaluate pork carcasses, with a score of 100 as the base (which

assumes a carcass with 5 square inches of loin eye and 15 percent ham). Fifteen years ago an index of 100 was considered a top carcass. In the evaluation schools, the index ranged from 119 to nearly 178.

Approximately 650 hogs were evaluated on foot and slaughtered during the latest series of evaluation

schools. Moyer points out that barrows are also evaluated on foot and slaughtered at fairs and other livestock shows throughout the state.

What this amounts to, of course, is proof that today's Kansas hog producer is earnestly trying to improve his product.

TOP INDEXING CARCASSES OF SWINE EVALUATION SCHOOLS

Location	Exhibitor	Lv. wt.	Carcass Length	Backfat	Loin eye Area	% ham	Ham-loin Index
Oakley (fall)	D G B Hog Ranch	240	31.5	1.1	6.5	15.7	122.7
Coldwater	Dewey Koehn	245	31.5	1.5	5.5	16.4	119.0
Mankato	Vern Anderson	230	31.0	1.1	6.0	18.2	142.3
Troy	Bennie Thomas	205	31.4	1.4	5.4	21.7	171.3
Oakley (spring)	Allen Worcester	225	30.5	1.2	6.2	15.8	120.0
Liberal	Al Friesen	205	29.5	1.0	5.5	16.9	125.5
Dodge City	Tasset	250	29.8	1.0	8.8	16.6	145.8
Arkansas City	John Rogers	210	32.5	0.9	6.4	21.3	177.9
Wichita	John Rogers	230	31.7	0.9	7.5	18.8	161.2
Ottawa	John Musick	240	30.5	1.1	7.0	19.7	167.0
Erie	Wilson Ashford	225	30.3	1.2	6.8	16.5	138.8
Holton	Rich Ebert	250	30.5	1.2	5.3	17.6	131.0
Geist Bend	Merritt Abwell	220	30.0	1.1	5.9	17.6	135.7
Council Grove	Richard Muller	240	32.0	1.4	6.3	17.1	135.4
Horton	Nancy Compton	230	32.0	0.8	7.2	(ham and loin %)	44.47

\$100,000 For Rainmaking Test In Western Kansas

Emergency funds to finance rainmaking experiments in northwest Kansas were dampened by a natural rain.

The National Weather Service reported rains ranging from .25 to 2 inches had fallen in western Kansas during the week the money was appropriated.

The council allocated \$100,000 from the state's emergency fund, without debate, to support a cooperative weather modification experiment with the U.S. Bureau of Reclamation.

Funds had been requested by Justus H. Fugate, Wichita, chairman of the state Water Resources Board. The board adopted a resolution recommending the allocation.

Fugate told the Finance Council — in a letter dated April 17, before the rains began to fall — that the cooperative project would be initiated about the first of the month.

Noting that there has been a shortage of moisture in the state, Fugate said, "If nature does not supply the needed moisture, it could possibly be induced by artificial means."

Fugate said there have been extensive experiments conducted in the area of weather modification but they have "not provided the key to assured success."

"Particularly in the plains areas the success of weather modification is still a serious question. However, the benefits from a successful effort would justify the expenditures of a substantial sum of money."

"The knowledge gained from an experimental effort in weather modification, successful or not, would be a worthy effort in this emergency period," Fugate said.

The 1972 Legislature authorized the Water Resources Board to seek the emergency fund allocation.

Sen. Ross Doyen, R-Concordia, urged the House Ways and Means Committee to include enabling language in the omnibus appropriations bill. He said U.S. Rep. Keith G. Sebelius, R-Kan., supported the program.

The Bureau of Reclamation has volunteered to provide expertise and design and supervise the rain-making effort in the state, and it will evaluate the results.

"The continued dry weather with above normal temperatures is rapidly creating what could be a critical moisture condition in northwest Kansas," Fugate said.

He said it is the opinion of the Water Resources Board that an emergency exists and the period from April 17 to May 1 would prove to be critical in terms of the availability of clouds for the experiment and the needs of the crops in the area.



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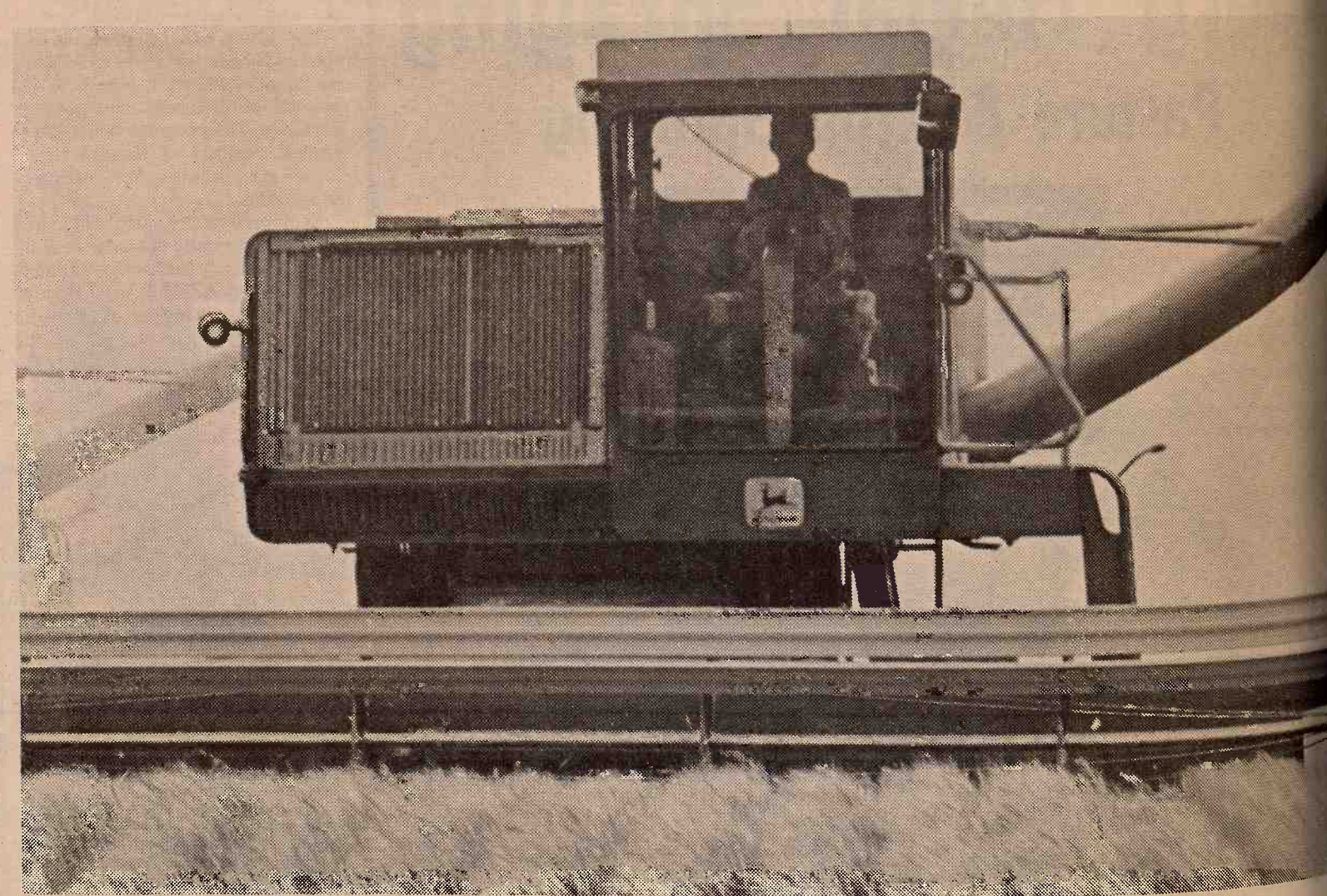
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cups 1 cup of the sauce
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Bill Graham, Mil
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OUR DAILY BREAD

- by G&G Area Cooks

Mrs. Gladys Baxa Of Agenda Is Winner

Winner, Mrs. Gladys Baxa, Agenda: "One of our favorite recipes for chicken. Often we have it without the cheese sauce. Either way is delicious."

- CHICKEN PATTIES**
- one-third cup butter or margarine
 - 1/4 cup flour
 - 1/4 cups milk or 1 1/4 cups chicken broth and 1/2 cup milk
 - 2 cups chopped cooked chicken
 - 1/2 cup crushed crackers
 - 2 tablespoons chopped parsley
 - 1/2 teaspoon onion salt
 - dash pepper
 - 1 cup finely rolled crackers
 - 1 tablespoon water
 - 1/2 pound pasteurized process cheese spread, sliced
 - Cooking oil
- Mix a white sauce with the butter or margarine, flour and 1 1/4 cups milk. Combine chicken, 1/2 cup cracker crumbs, parsley, seasonings, and 1 cup of the sauce. Chill, shape into eight patties. Roll in 1 cup cracker crumbs. Fry in hot oil, 375 degrees, until golden brown. Blend 1/2 cup milk with remaining sauce. Heat. Add cheese and stir until melted. Spoon over patties.

- +++++
- Mrs. Bill Graham, Miltonvale: "The following is a recipe that is not only easy to fix but delicious."
- SEVEN CAN CASSEROLE**
- 1 can cream of mushroom soup
 - 1 can cream of chicken soup
 - 1 small can evaporated milk
 - 1 jar sliced mushrooms, drained
 - 1 can water chestnuts, drained and sliced
 - 2 cups cooked chicken
 - 1 large can chow mein noodles
- Mix all ingredients but the noodles and bake 20 minutes then add noodles and bake another ten minutes at 350 degrees.
- +++++
- Mrs. Francis Feyh, R 2, Alma: "I am enclosing a recipe which is one of our favorites. Served with tossed salad and garlic bread, the whole meal is complete."
- MEAT BALLS WITH SPAGHETTI**
- 1 onion, chopped
 - 1/4 cup oil or shortening
 - 1 quart tomatoes
 - 2 6-ounce cans tomato paste
 - 2 cups water
 - 1 tablespoon sugar
 - 1 teaspoon salt
 - 1/2 teaspoon pepper
 - 1 bay leaf
 - 1 pound hamburger
 - 1 cup fine dry bread crumbs

- 1/2 cup grated Parmesan cheese
 - 1 teaspoon garlic powder (less, if desired)
 - 1/2 cup milk
 - 2 well-beaten eggs
 - Salt and pepper
 - 1 8-ounce package long spaghetti, cooked
- Cook onion in hot oil till golden; drain: add tomatoes, tomato paste, water, sugar, salt and pepper and bay leaf. Cook slowly one hour. Combine hamburger, crumbs, cheese, garlic powder, milk, eggs and salt and pepper; mix thoroughly. Form into small balls; brown in hot fat. Add to sauce and cook over low heat 15 minutes. Serve over spaghetti.

- +++++
- Mrs. Lillie Rebiskie, R R, Alma, sent the following:
- COOKED MEAT SALAD MOLD**
- 1 can cream soup such as celery or mushroom
 - 1 cup rich milk
 - 2 tablespoons gelatin
 - 1/2 cup cold water
 - 2 cups cooked ham or chicken, ground or chopped fine
 - 2 tablespoons pickle relish
 - 2 tablespoons mayonnaise
 - 1/2 teaspoon mustard
 - 1 teaspoon minced onion
- Soak gelatin in 1/2 cup cold water. Heat soup and milk together, stirring until smooth and just below boiling. Remove from heat and stir

in gelatin. Cool until it starts to jell. Mix in remaining ingredients. Other meats such as beef or corned beef are suggested, too, just so they are cooked. Omit or add seasonings as desired. Pour into 5-cup mold or loaf pan. Unmold onto serving platter and garnish with slices of hard-boiled egg and fresh parsley.

+++++

Ode To The Dandelion

The dandelion battle is on!
Mrs. Gertrude Burtis, editor of the Kansas Extension Homemakers Council NEWS, felt that G&G

readers might enjoy a little poem she wrote about the pretty, pesky little flowers so prevalent in many yards this spring:

THAT DANDELION!

It is beautiful!
It is bounteous!
It is brazen!

It's the Dandelion.
It is persistent!
It is pernicious!
It is perpetual!
It's the Dandelion.

It is gold!
It is graceful!
It is gorgeous!
Oh! You Dandelion!

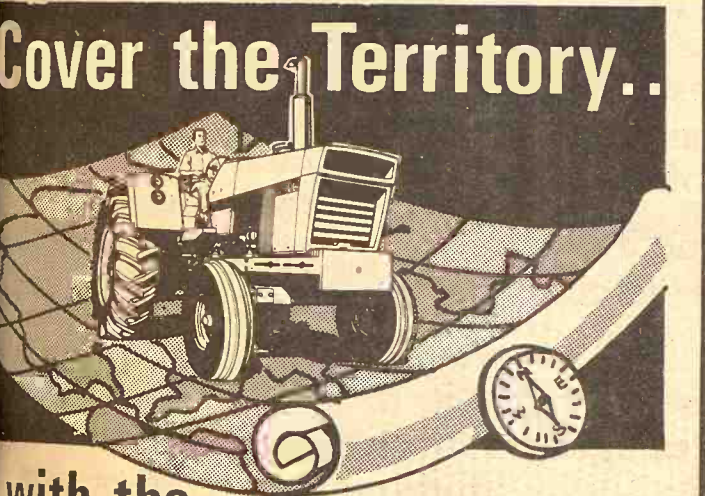


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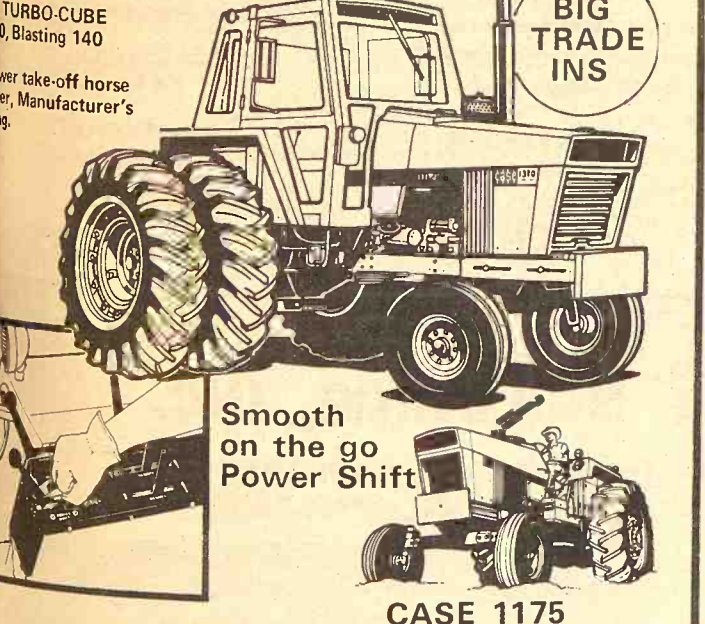
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Why It Pays To Supplement Pasture With Good Formula Dairy Feeds

Grass alone cannot give your cows all the food values they need for sustained high production.

When you are feeding cows bred to be top milk producers, the need for proteins, minerals, vitamins and unidentified factors in the ration is very important. This need is even greater in late summer and early fall when pasture may be close-cropped and dry.

CO-OP Nutritionists know that dairy farmers must have proper feed to get maximum results at lowest possible costs. That's why CO-OP Dairy Feeds are Profit Checked for results. CO-OP Dairy Feeds are formulated to give a ration that will best supplement the shortcomings of the dairymen's forage program and will produce 100 lbs. of milk at the lowest feed costs.

- CO-OP Dairy Feed-12 is a high TDN, well-fortified dairy ration that contains essential vitamins and minerals. It is recommended to be fed with excellent, high protein pasture or with liberal amounts of high quality all-legume hay.
- CO-OP Dairy Feed-14 should be fed to producing cows, dry and freshening cows, heifer or bulls on very good pasture or very good quality legume hay.
- CO-OP Dairy Feed-16 is a well-fortified, well-balanced ration that is preferred by thousands of dairymen who demand an efficient dairy feed for a variety of feeding conditions.
- CO-OP Dairy Concentrate-32 can be fed on top of the grain to dairy cows or may be mixed with farm grains to produce a well-balanced and fortified ration.
- CO-OP Dairy Concentrate-50 is designed for mixing with farm grains to produce an efficient, high production ration.

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Farmers Co-op Elevator Assn.
Greenleaf-Linn
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Redecorate Home And Stay Within Budget

Women love to redecorate, but this is usually not the most practical way to make life more interesting as redecorating is by no means an inexpensive project.

But that doesn't mean you have to resign yourself to the dull sameness of your home if you feel it's time for a little pepping up. For the cost of one chair or a small rug, for instance, little changes can make a big difference.

Go from room to room and decide

which items are not actually needed. Perhaps you could subtract a lamp that is outdated, gives off little light and really isn't needed where you have it. Or possibly no rug at all in the bedroom would be preferable to a shabby one. Lack of clutter will add interest to your good things.

Then look at what is left and decide what can be replaced. The budget will probably say "no" to replacing large items but how about

lampshades, throw pillows and scatter rugs? Revive the kitchen with new wastebaskets, dish drainers and canisters.

When buying the small items, treat them as important purchases. A few smashing throw pillows can be

the exclamation point to your new color scheme.

If you have a few pieces of scratched up furniture, buy an antiquing kit and add some luscious color to the room.

Perhaps a good cleaning is all the

rug really needs. A rug is a big investment and if it isn't cared for, it looks worn and can wear out more quickly. Cleaning equipment can be inexpensively rented and those once bright colors can return to make the whole room look fresh again.

Try Some Real,

Old-Fashioned Relish

Those who are lucky enough to have experienced Grandma's relishes put up with her own hands can never forget the piquant and delightful flavors, the crunchy textures, the pleasant contrast with other foods in the meal. If such wonders have seemed beyond you, take heart. You really can make relish as good as Grandma's, and to prove it, here is a very simple recipe for you to try.

Grandmother's cooking secrets were really simple. She used pure, good ingredients, and she was careful about blending flavors. A favorite ingredient was unsulphured molasses, a product that makes many fine dishes today. The charm of this molasses is that it is not only a natural sweetener but adds unique, mellow flavor. Grandma took advantage of this quality to make relishes that were never harsh or acrid but just a perfect blend of sweet and piquant.

GRANDMA'S RELISH
6 cups ground peeled green tomatoes
6 cups ground pared cucumbers
6 cups ground onions

To Store Suede

Leather and suede articles should be stored in a cool, airy closet, never in a damp cellar or hot attic.

Protects Lining

To protect the lining of your purse, carry your pen and pencil in an old plastic toothbrush holder in your pocketbook. This also makes pen and pencil easier to locate in the handbag.

Soak Lipstick Stains In Milk

Lipstick stains can be removed from linens by soaking them in milk for half an hour and rinsing the material in hot soapy water. Then wash as usual.

Provide More Room

For more room in the linen closet, try standing sheets like books on a shelf.

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The winner each week is selected from the recipes printed.

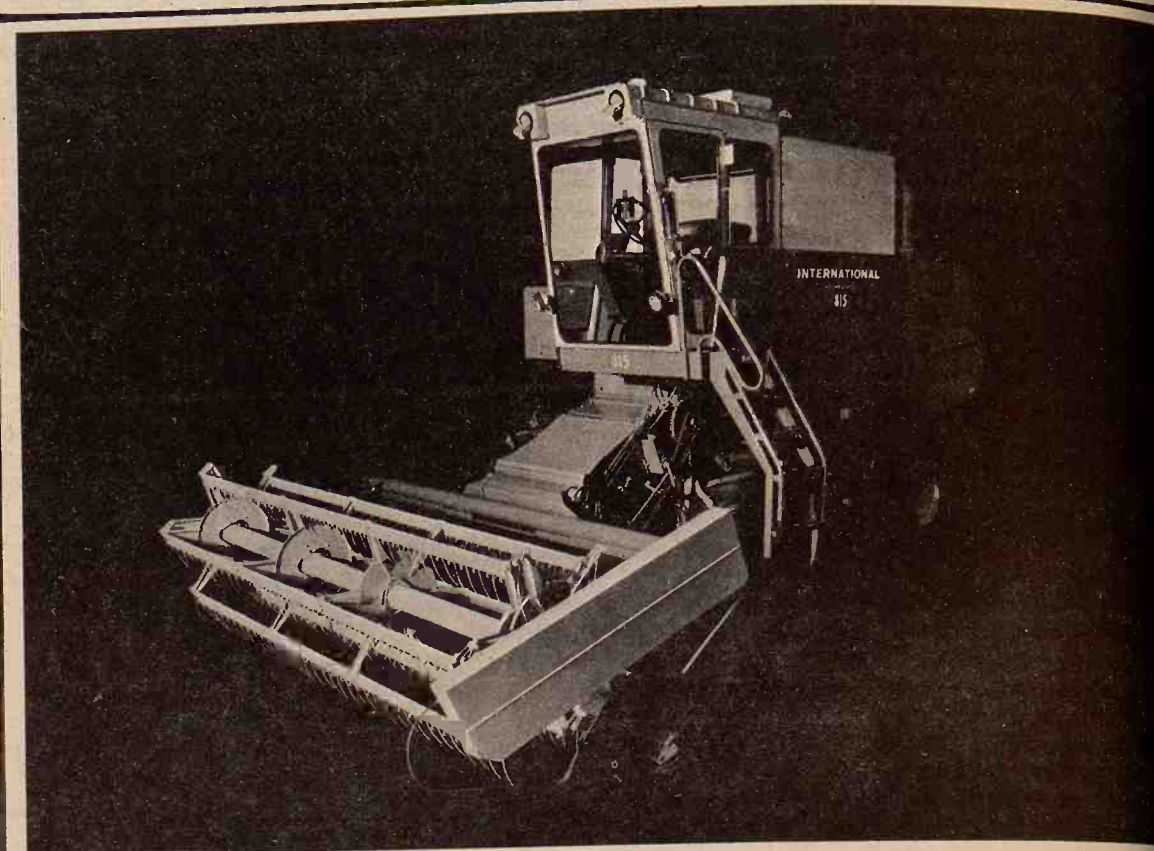
Win one by sending us your favorite recipe—this can be main dish, leftover, salad, side dish, dessert or what have you.

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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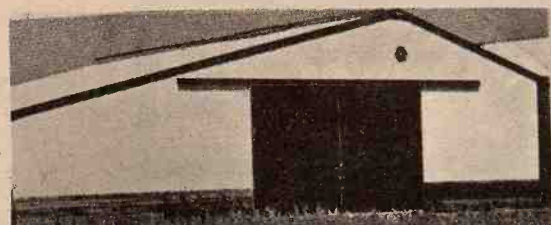
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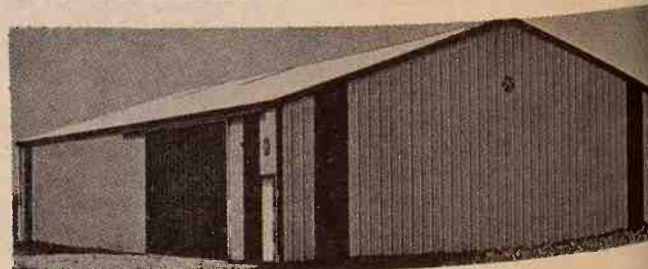
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May 9, 1972

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TICKLE BOX® by Ted Trogon



"I think I'd better warn you... he's not an easy man to work for."

Keep Pipe Cleaners Near Sink

A supply of pipe cleaners kept near the sink will be handy for cleaning spout of coffee and teapots. They are also good for cleaning the narrow tube of a percolator.

Most White Silks Are Sudsable

Almost all white silks are safely sudsable but they do tend to turn yellow from heat so iron the silk on the wrong side, using a cool iron over a clean cloth.

To Clean Nylon Brushes

To clean and deodorize hair-brushes made of nylon, soak them for a few moments in a basin of water to which a heaping teaspoon of soda and a few drops of household disinfectant have been added. Rinse well and allow them to dry.

To Dampen Fine Blouse

Dampen a fine blouse evenly for ironing by wringing out a wet towel, rolling the blouse up tightly in the towel and leaving it there for about ten minutes before pressing.

Prevent Drips

If you have hanging potted plants, put plastic bowl covers over the bottoms of the pots to prevent drips when they are watered.

Timesaver

Save time and steps by placing a large tray near the ironing board to place small items on after ironing them. Then carry those items to their shelves and drawers in one easy trip.

Stickier Paste

To give homemade paste more sticking power, add a teaspoon of sugar to a pint of the paste.

Wax Frame

Clean wooden picture frames thoroughly and, when dry, apply a polish or wax. Not only does it improve the appearance but it makes the cleaning easier.

Revised Regs On Farm Truck Operators Clarified

The revised regulations from the department of transportation on farm truck drivers are:

1. — A complete exemption from federal regulation of truck driver qualification in the case of a driver

of a farm truck under the following situations:

A. — If the gross weight of the truck is 10,000 pounds or less;

B. — If the truck is a straight truck with a gross weight of 10,000 pound and is used within a radius of 150 miles of the farm;

C. — If the truck is engaged in transporting machinery and supplies to and from a farm for custom harvesting or transporting custom harvest crops from the farm to storage or market, and

D. — If the truck is engaged in hauling bees in seasonal movement.

2. — A partial exemption from federal regulations of truck driver qualification as in the case of a combination articulated truck with gross weight in excess of 10,000 pounds within a radius of 150 miles of the farm. In such cases, the driver must be at least 18 years of age and after Jan. 1, 1973, must carry with him a certificate showing that he has passed a medical examination.

3. — If a farmer or employee of a farmer are not exempt in the revised regulations, they are subject to the same regulations as non-farm drivers. These regulations are that the driver must be at least 21 years of age; take a safety regulations; pass a medical exam and carry a medical exam certificate; and maintain records on driver's background and experience.

KEYS made while you wait

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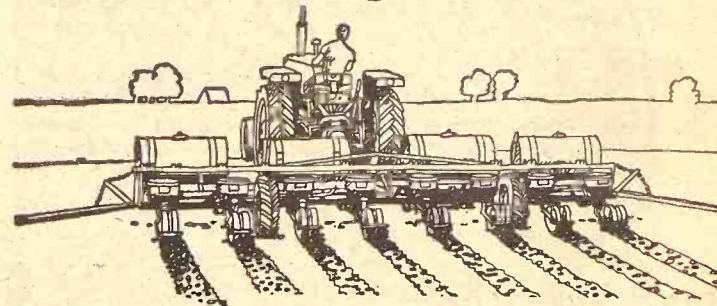
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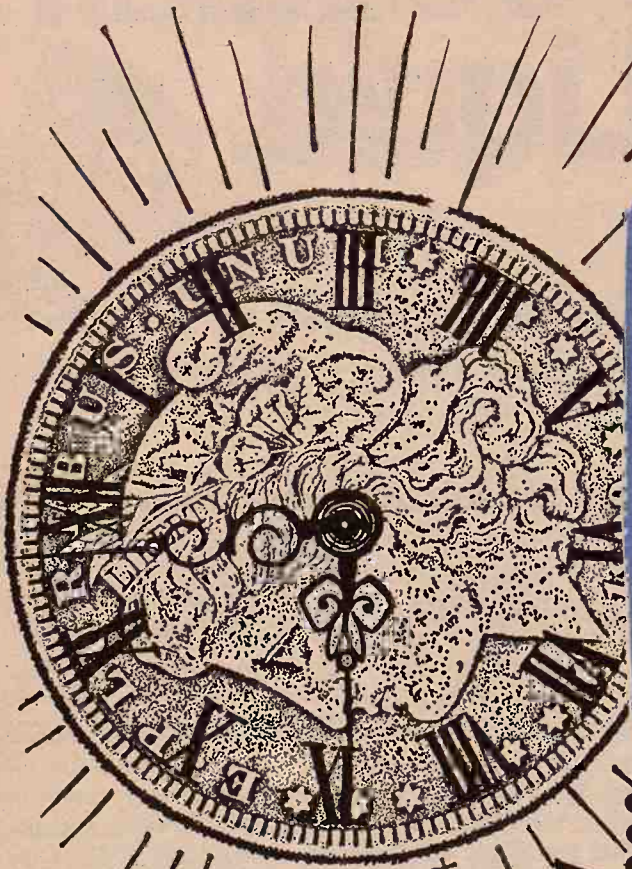
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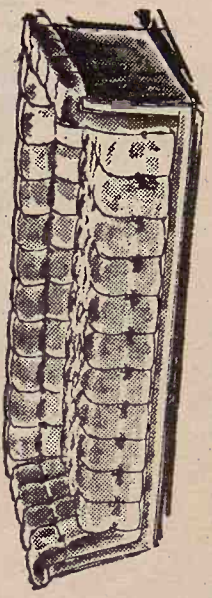


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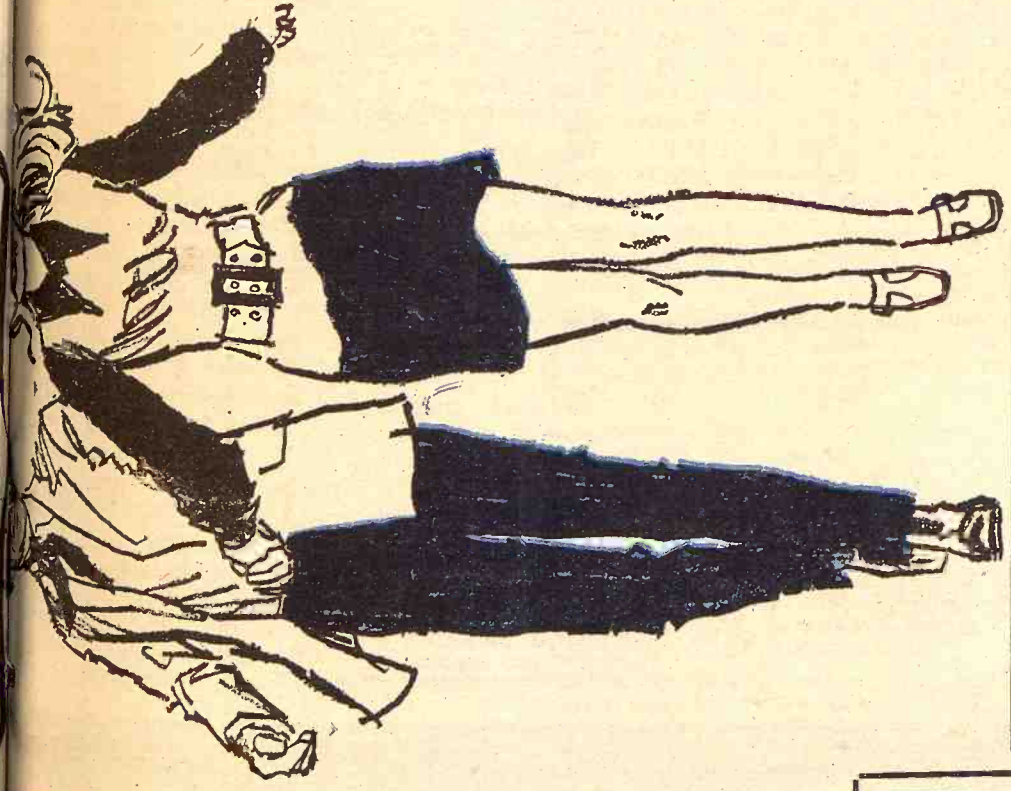
Broyhill Button Back Sofa, with Heavy Herculon
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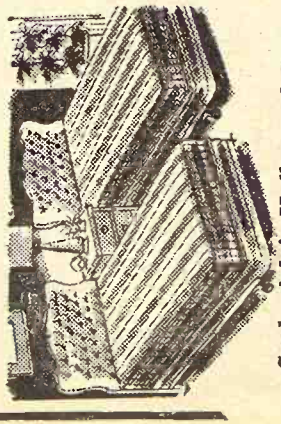
Schweiger Sofa
Large 3 Cushion Sofa, tufted back \$189⁹⁵
and sides. Beautiful floral cover. ...



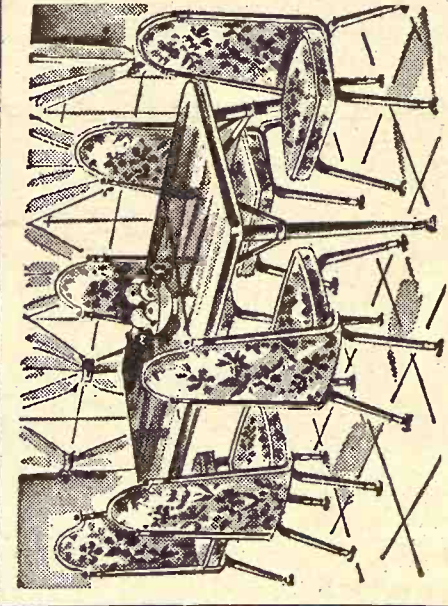
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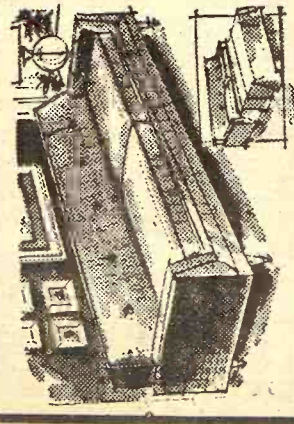
Sealy Health Guard Smooth top \$59 ⁵⁰ Quilted	Sealy Tufted Innerspring Mattress \$34 ⁹⁵	Full Size Button Tufted Innerspring Mattress \$22 ⁹⁵
6 Inch Rubber Mattress and Matching Box Spring. \$119 ⁹⁵	King Koil Body Guard Quilted Top \$44 ⁹⁵	10 Yr. Guarantee Smooth Top Mattress and Box Spring. \$99 ⁹⁵
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3 Piece Group. Davenport and 2 chairs. \$389⁹⁵



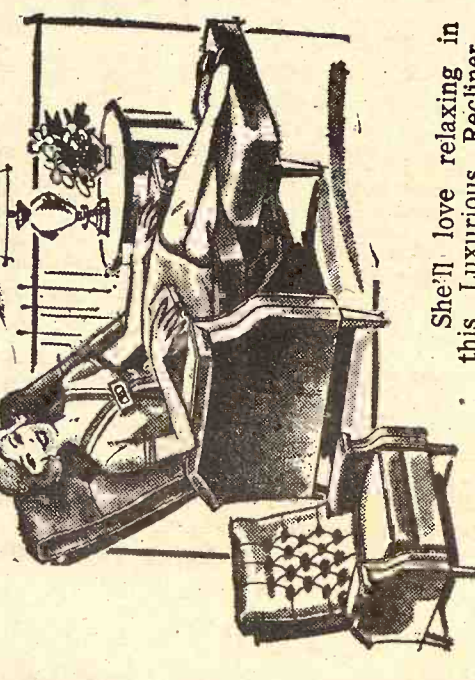
Round The Clock

59.95

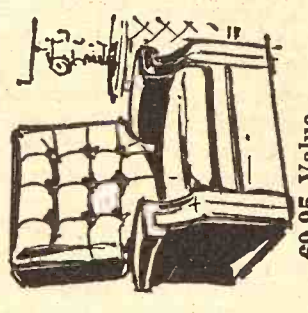
Modern Sofa-bed in easy-care Nylon cover. Coil spring construction.

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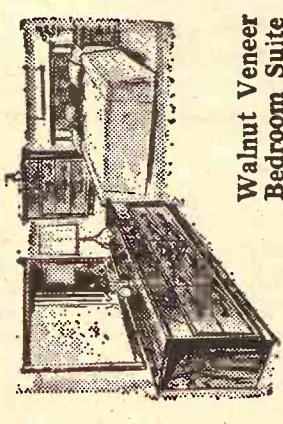
A distinctive home gift "To Mother" on her day. Sunday, May 14, will make her feel like a queen. Sedlacek's has scores of suggestions in gifts of heirloom quality. Just a few ideas are pictured.



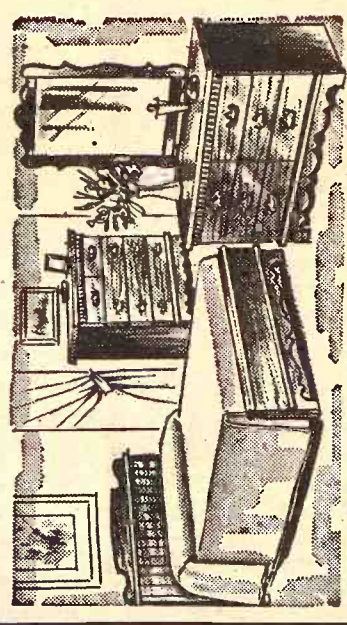
She'll love relaxing in this Luxurious Recliner. Modern Lawson Styling Covered in heavy upholstered cover. \$139.95 Value. Now only \$79⁹⁵



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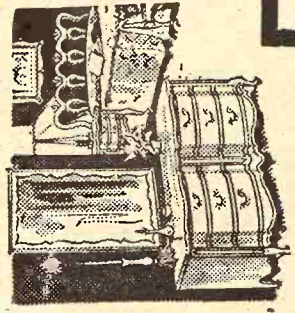


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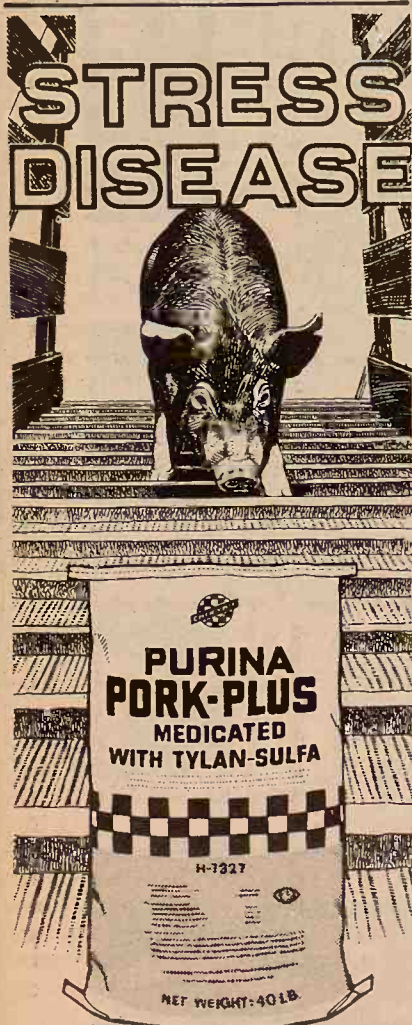


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White and Gold
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Hanover, Kansas

Human Tapeworm Carried By Beef In Kansas Feedlot

Reports of "beef measles" in a large southwestern Kansas feedlot as the result of a human sanitation



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Help feeder pigs and finishing hogs fight stress and disease. Mixing just one bag of Purina Pork-Plus® with Tylan-Sulfa per ton of ration gives hogs a boost three ways:

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May 9, 1972

problem have prompted State Environmental Control official to launch a new sanitation control program for feedlots in Kansas.

"Beef measles" is the common packing house term for cysticercosis bovis, the immature larvae stage of the human tapeworm. Cattle become infected by eating tapeworm eggs which were voided by infected humans in their feces.

Humans can be infected with tapeworms by eating meat containing the larvae.

Beef carcasses containing the larvae can be made edible by freezing them at a temperature no higher than 15 degrees for not less than 10 days or not less than 20 days in the case of packaged boned meat.

The U.S. Department of Agriculture estimates that it costs the packer \$80 to refrigerate each carcass for the required period.

Instances of "beef measles" were reported by federal meat inspectors and traced back to the 10,000-head feedlot.

Dr. S. J. Couger, assistant veterinarian in charge of the U.S. Department of Agriculture's division of animal health here, said beef from the feedlot, which is quarantined because of a scabies outbreak, is receiving intensive inspection.

Dr. Couger said cases of "beef measles" are reported periodically in feedlots throughout the state.

He said reports of "beef measles" originating in the southwest Kansas lot has been coming in the last six months.

"It's not any great number in each shipment but it's consistent," Dr. Couger said.

He said cases have been reported in one to two cattle shipments each week with one to five animals in each shipment being infected.

The federal official said the only cure for the outbreaks is improved sanitation.

Melville Gray, director of the state health department's environmental control division, told staff members Wednesday there is a need to initiate an educational program aimed at convincing feedlot operators of the need to install sanitation systems for their employees — both those working in offices and those in the field.

"In Kansas, we haven't had too much of a problem with tapeworms but the potential is there. We need to start an educational program. We must make sure they have flush toilets that go into a suitable system.

"The potential is there whether we

like it or not," Gray said.

He said special attention will be given to new feedlots which are required to submit pre-construction designs to the state health department before being licensed.

Dr. Donald Wilcox, director of the state health department's division of epidemiology and disease control, said there have been no reported cases of tapeworms in humans this year.

Tuttle Creek Leasing, May 16

Government property leasing on Tuttle Creek Lake will be May 16. There are 25 tracts with about 1,160 acres included. Most of the land is for grazing, or haying purposes. The lessee will be expected to put up fence around much of the grazing

ground at his expense. Possession begins May 17, 1972 and ends Dec. 31, 1976.

ONAGA SUMMER SWITCH TO NIGHT SALES

ONAGA — A good run of cattle and hogs marked the opening of night sales at Onaga Community Sales which changes to night sales for summer. The sale starts at 8 P.M.

CONDENSED STATEMENT OF CONDITION OF FIRST NATIONAL BANK OF MANHATTAN

MANHATTAN, KANSAS

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ASSETS

Loans and Discounts	19,056,226.73
U.S. Government Securities	3,170,769.77
Other Securities	3,944,975.98
Cash and Due from Banks	4,997,811.14
Bank Premises—Fur. & Fix	780,837.20
Other Real Estate	29,638.94
Federal Funds Purchased	200,000.00
Other Assets	217,540.34

TOTAL ASSETS \$32,397,800.10

LIABILITIES

Capital Stock	\$1,000,000.00
Capital Notes	500,000.00
Surplus	1,500,000.00
Undivided Profits	582,423.87
Reserves for Contingencies	331,920.06
Unearned Discount	245,323.23
Due Fed. Res.	552,160.16
Total Deposits	27,685,972.78

TOTAL LIABILITIES \$32,397,800.10

The above statement is correct
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USDA Guides Wheat Subsidies

By Rod Turnbull

Kansas City Board of Trade
A good run of the year, a committee of the Export Marketing of the U.S. Department of Agriculture meets in its Washington office to determine what the wheat subsidy shall be for the next

decisions of this Committee, by Clifford G. Pulver, general sales manager for the USDA agency, determine the competitiveness of American wheat world markets.

The subsidy, paid to exporters,

permits them to sell to foreign countries when world prices are lower than those in the United States. Thus, in effect, the subsidy is the difference between the world price and that in the United States.

A major part of the USDA committee's task is to determine daily just what is the world price and the price in the United States, taking into consideration factors including availability, qualities and shipping costs. Once the decision is made on the world price and the domestic price, the setting of the subsidy becomes almost automatic.

The committee reveals its subsidy rates at 2:30 pm (Central Daylight Time) each day, and the rate applies until 2:30 pm the next day.

At times in the year when the trade is dealing both in old crop wheat and also making forward sales on grain from the new crop, the subsidy is offered for as far as a year ahead. Different subsidy rates apply to different kinds of wheat — hard winter, spring, soft, and durum — and at different ports — the Gulf, the East Coast which includes the Great Lakes and St. Lawrence river, and the West Coast.

When the price of wheat rises in the United States and there is no corresponding rise on world markets, then the USDA committee boosts the subsidy to keep American exports competitive. As an example, on April 3 the subsidy on hard winter wheat at the Gulf was 12 cents a bushel. On April 13, because U.S. prices had risen, the subsidy had been raised to 15 cents. This was on wheat with up to 11.49 percent protein content.

Also on April 13, a subsidy of 8 cents a bushel was offered for as far ahead as one full year. Thus, an exporting firm at the Kansas City Board of Trade could sell wheat for delivery to Japan in March, 1973, and know at the time of the sale that it could offer a price to Japan on the March, 1973, futures and the 8-cent subsidy. Of course, for more immediate deliveries the subsidy would have been at the 15-cent rate.

Frequently, a strong export demand can force an increase in domestic wheat prices because exporters have to raise their bids to get sufficient quantities to fill needs. At the same time, world prices may not have risen at all. In such situations, the subsidy would be raised. This is another example of how the subsidy is used to keep American wheat competitive on world markets.

In the mechanics of the subsidy operation, an exporting firm making a sale overseas applies to the USDA for the subsidy. When the grain has been shipped, proof of shipment is submitted to the USDA's Agricultural Stabilization and Conservation service office in Kansas City, which writes the check for the subsidy to the exporting firm.

Grain analysts find it extremely difficult to explain how world prices are set on wheat. There just isn't any place in the world where there is a blackboard on which is recorded hourly or daily, the world wheat price.

One reason for this is that the price always depends on what the importer will pay and the level at which the exporter will sell. The deal may depend on many factors including available supplies and prices elsewhere, quality, freight rates, credit, and deliver time.

In addition, wheat prices in almost every country of the world are regulated or influenced by government action. The United States has acreage controls and price support, plus the export subsidy.

In Canada, all wheat is handled by the Canadian Wheat board which can raise or lower its export price at will. The Canadian Wheat board makes huge deals on a flat price with such countries as China and the Soviet Union. Just recently, the

Canadian board raised the export price of red spring wheat at the Lakehead, Eastern positions, and Churchill 2 cents a bushel, and raised durum wheat 3 cents. West Coast red spring was 1 cent and durum 2 cents.

Ironically, Canada apparently already has sold as much or more rain than it can deliver this year because of an overtaxed transportation system. Because of this the USDA committee apparently did not regard the Canada price rise as a real increase in world prices. The United States is in a position directly opposite to Canada. It has wheat to sell and can deliver it. However, part of Canada's good export business is credited to the American dock strikes.

USDA and trade authorities contend that despite the efforts of individual countries around the world to manipulate or control the price of wheat, supply and demand factors eventually demonstrate their effectiveness. When supplies are over ample, a country which has wheat it is determined to sell will lower its price. On the other hand, when world demand is strong and supplies are not overly abundant, exporting countries can and do raise their prices.

In contrast to wheat on which, as has been explained, no world price is quoted day to day, there are world prices on corn and soybeans on which there are no U.S. export subsidies. In effect, the Chicago prices on these 2 commodities are the world prices. This is because the United States so heavily dominates world trade in corn and soybeans. Prices all around the world, therefore, relate to the Chicago quotations.

Egg Handlers Must Register Under Egg Inspection Act

Kansas egg handlers have been sent forms for registration under the Egg Products Inspection Act, according to O. C. Soeldner, federal-state poultry grading supervisor for Kansas Agricultural Marketing Service, U.S. Dept. of Agriculture.

Soeldner said however, that there probably are some egg handlers required to register but who are unknown to him and therefore were not sent the forms. Such persons should contact him at Room 118 U.S. Courthouse, 811 Grand Ave., Kansas City, Mo. 64106. Registration forms will be mailed immediately to those requesting them.

Businesses required to register, under regulations of the Egg Products Inspection Act, include all plants grading shell eggs for the ultimate consumer, such as retail stores, restaurants, institutions, bakeries, or food manufacturers; producer-packers with more than 3,000 hens who pack eggs for the same outlets, and all hatcheries.

Registration is required by July 1, 1972, for all such businesses in the United States. On that date, the shell egg phase of the Egg Products Inspection Act becomes fully effective.

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Cattlemen's Day Capsulized Reports

Kansas Bull Test Station Explained

Central bull testing stations, where animals are assembled from various herds for evaluation of differences in performance traits under uniform conditions, are here to stay.

Herman Westmeyer, Extension beef specialist at Kansas State University, discussed tests at the Kansas Bull Test Station before a Cattlemen's Day audience at K-State.

Westmeyer said the Kansas Station was set up to compare individual performance of potential seed-stock herd sires to similar animals from other herds, to compare bulls being readied for sale to commercial producers and to provide an educational tool for acquainting breeders with records of performance.

Bull calves are started on test soon after weaning. A minimum weight per day of age is required for the test.

In order to eliminate a part of the pre-test environmental effects there should be at least a 21-day warm-up period. Westmeyer explained this period will help even up the calves that have been shrunk and get all cattle started on the feed that will be used at the test station. Hopefully, all sickness problems will be cleared up by the end of the warm-up period.

The bulls are fed for 140 days, a long enough period for the individual

bull to express his genetic potential. Rations vary among test stations, particularly in level of energy. This variation causes some difference in the average daily gains of different tests. Westmeyer said the difference caused by feed are not heritable. Bulls can usually be compared as accurately if the test average is near 2.5 pounds per day as they can if the test average is 3 pounds per day or higher.

High roughage rations producing moderate gains are likely to result in less excessive fattening and fewer health problems than higher energy rations.

Bull calves grown on higher roughage rations will adapt fairly easily to a variety of feed and pasture conditions after the test, and should be ready for service within less time than fatter bulls, Westmeyer explained.

Even under the best possible conditions at a central test station, not all pre-test environmental effects can be eliminated. Therefore, small differences in measurements do not mean much. The specialist noted that the buyer must decide which traits will receive most emphasis in his selection program.

Testing does not improve the bulls, it only helps identify the superior ones. Complete herd performance programs in the seed-stock herds of Kansas will be necessary to achieve satisfactory genetic progress in the beef cattle industry, he concluded.

Test Confirms Calving Problems With Big Calves

Preliminary results of a research project by the U.S. Meat Animal Research Center confirm that the larger the calf, the more difficulty the cow will have in calving.

Dr. Michael E. Dikeman of Kansas State University reported on the center's cattle germ plasm evaluation program at KSU's Cattlemen's Day.

Dikeman said the program is designed to characterize breeds from different cattle types in regard to the major economic traits of beef production. Hereford, Angus, Jersey, South Devon, Limousin, Simmental, and Charolais breeds are represented as the different types of cattle.

Crossbred calves from Angus cows tend to be heavier at weaning and have higher quality grades at slaughter than those out of Hereford cows. However, Hereford cross steers gain faster in the feedlot and have carcasses with higher cutability.

Limousin, Simmental, and Charolais sired steers have higher cutability than British breeds when fed the same rations for the same period of time, Dikeman said.

Crossbred heifers will gain faster, show signs of estrus earlier, and breed younger than straightbreds.



Nervous System Disease Crops Up In Feedlots

Polioencephalomalacia (PEM) is a central nervous system disturbance of cattle that crops up periodically in feedlots.

It causes poor coordination and other problems of muscular control, and generally leads to death in a short time. Autopsied animals have shown a particular type of brain degeneration under the microscope.

Since the time from first symptoms to death is short, the condition is difficult to study.

Although little is known about the treatment or prevention of the disease, Dr. Ben Brent and a team of

Kansas State University graduate students produced the condition in an accident while conducting studies to find the highest level of nutrients sheep could utilize.

They can now create PEM in sheep, and are starting research on why the condition develops.

Brent told a Cattlemen's Day crowd at K-State that the disease can be cured with large injections of the complex vitamin, thiamine, provided it is given early enough.

Otherwise, the central nervous system is degenerated too far to allow recovery. But ruminants should either get enough thiamine in their feed, or rumen bacteria should produce it. Brent and his students believe an enzyme called thiaminase may be destroying the vitamin.

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Bull Steers Cause Feedlot Problems

The bull steer syndrome is a condition applied to feedlot steers that are repeatedly mounted and ridden by other steers. This behavior creates management problems and can result in injury or even death to the steers.

Dr. Guy H. Karacofe of Kansas State University discussed the buller syndrome at KSU's Cattlemen's Day program.

In 1971 a preliminary survey of 47 feedlot operators estimated that 14,000 bullers per year represent approximately 2.2 percent of the 632,000 feedlot steers.

They attributed an estimated annual loss in excess of \$330,000 to the presence of bullers. Karacofe said the number of cattle surveyed represented less than one-fifth of the total steers on feed in Kansas in 1970.

Blood and urine from buller and normal steers are being analyzed to establish parameters (constant factors) which distinguish the buller from normal steers and thus aid in determining the cause of the abnormal behavior.

Buller steers appear to have a higher excretion of certain adrenal hormones. Twelve blood components were analyzed; however, only cholesterol and albumin were different between buller and normal steers.

Once definite physiological parameters have been demonstrated, various pharmacological compounds will be investigated in an attempt to select one that will prevent or eliminate buller behavior, Karacofe said.

May 9, 1972

Seed Endosperm Makes A Difference

The type of endosperm should be considered when selecting a hybrid to plant for cattle feeding purposes, a Kansas State University scientist told the Cattlemen's Day crowd.

This conclusion was drawn by Dr. Jack Riley of KSU following three trials conducted to evaluate the nutritive value of 13 sorghum and three corn hybrids. Riley said 331 steers were used in the test.

Grain sorghum hybrids with yellow endosperm produced gains on an average of 10.5 percent less feed than steers fed white endosperm hybrids.

A hybrid with an all waxy type starch was equivalent to the yellow endosperm hybrids but the yield per acre was approximately 25 percent less.

Corn was more than five percent more efficient than the average for sorghum hybrids with yellow endosperm and 16.5 percent superior to white endosperm hybrids.

Rate and efficiency of gain varied between the hybrids used in the trial, which Riley said indicated that the type of endosperm should be a consideration when selection for a hybrid is made.



READY TO PLANT

John Hynek, Hanover, and his sons, Jay, Jed, and Jene have been working around the farmstead. Hynek says, "You could spend all your time working around the yard and never get done." He irrigates about 80 acres and farms over 1,200 acres, in addition to a 65 head Hereford cow herd.

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Murray Greys Imported Into U.S. Thru Hawaii

Sidestepping the usual practice of introducing purebreds of new breeds into Canada and then the United States, Murray Grey USD Inc., Lubbock, Tex., has imported the first purebred Murray Grey cattle directly into the U.S. from New Zealand.

The year-old female and three-month-old bull calf are presently in quarantine in Hawaii awaiting shipment May 9 to Denver.

Horace McQueen, head of Murray Grey USA — the first organization to import Murray Grey semen and now the first purebreds — reported it took nearly two years of work in cooperation with the USDA to make the first direct importation possible.

The first importation is composed of Ashbury Starlet, a 12-month-old registered heifer. A daughter of Roman Invasion, one of Australia's greatest sons of Michael, a foundation bull of the breed, Starlet is a pure silver heifer with performance-tested parentage on both sides. She is the highest priced beef female ever sold in Australia or New Zealand at \$36,000 — not counting air freight costs on Pan Am to Hawaii, insurance, quarantine fees, etc.

The bull calf is Ashbury Prince. Also pure silver, he had a birth weight of 67 pounds out of 1,300-pound dam. He cost the importers \$12,000.

Both imports are from the herd of A. J. and D. K. MacKenzie, Ashburton, New Zealand, the first herd to import Murray Greys from Australia. Don MacKenzie is president of the New Zealand Murray Grey Society.

The imports will be on display May 9 at the airport and later at the Holiday Inn north, Denver. Later, they will be on display at Murray Grey USA's ranch at Lubbock, Tex., May 12.

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Record Livestock Slaughter In Kansas Plants

Production of red meat in Kansas slaughter plants during 1971 totaled 1,818 million pounds, up 15 percent from 1970 and largest of record, according to the Kansas Crop and Livestock Reporting Service.

Beef production was 1,459 million pounds, an increase of 15 percent from a year earlier. Production of pork at 358 million pounds increased 13 percent from 1970.

Lamb and mutton production totaled 230,000 pounds, compared with 124,000 pounds the previous year. Production of veal totaled 160,000 pounds, an increase of 11 percent from a year earlier.

A total of 2,341,000 cattle, 700 calves, 2,297,000 hogs and 4,400 sheep and lambs were slaughtered during 1971. This compares with 2,014 cattle, 700 calves, 1,998,000 hogs and 2,500 sheep and lambs slaughtered in 1970.

The number of cattle slaughtered in 1971 was the highest for records dating back through 1944. Kansas ranked fifth among the states in number of cattle slaughtered commercially and fourteenth in number of hogs.

The average liveweight of cattle slaughtered in 1971 was 1,053 pounds compared with 1,062 pounds a year earlier.

Hogs slaughtered averaged 245 pounds liveweight, a decrease of 3 pounds from 1970.

Sheep and lambs had an average liveweight of 106 pounds, compared with 102 pounds the previous year.

The average liveweight for calves slaughtered was 417 pounds, 41

pounds heavier than in 1970. Data in the accompanying table show annual Kansas red meat production in commercial slaughter plants including both Federal and State inspected during the 1955-1971 period.

UNITED STATES

Commercial production of red meat in the 48 states during 1971 was 4 percent more than in 1970. The 1971 total of 37,363 million pounds of beef, veal, pork, lamb and mutton was slaughtered in commercial plants. An additional 393 million pounds was butchered on farms. Commercial beef production increased 1 percent to 21,697 million pounds in 1971. Veal production in slaughter plants continued to decline dropping 8 percent in 1971 to 516 million pounds. Commercial pork production increased 10 percent to 14,606 million pounds in 1971.

Production of lamb and mutton in plants totaled 554 million pounds, up slightly from 1970. In 1971, beef accounted for 58 percent of the red meat total, pork 39 percent, lamb and mutton 2 percent, and veal about 1 percent. Commercial lard production, at 1,936 million pounds, was up 3 percent from last year.

The number of cattle slaughtered in 1971 was 2 percent higher than in 1970. Calves slaughter numbers were 9 percent lower than in 1970. The number of hogs slaughtered in 1971 was up 10 percent from a year earlier. Sheep and lamb slaughter numbers were 2 percent higher than in the previous year.

The average liveweight of cattle slaughtered in commercial plants in 1971 was 1,028 pounds, down 7 pounds from 1970, while for calves it was 249 pounds, an increase of 5 pounds. The average liveweight of hogs slaughtered commercially was 239 pounds for 1971, 1 pound lighter

May 9, 1972

than in 1970. Sheep and lambs averaged 104 pounds, unchanged from 1970.

First Diagnosis Made On New Horse Disease

Researchers at Colorado State University, Fort Collins, Colo., have scored the first positive identification of a newly recognized, deadly infection in young horses.

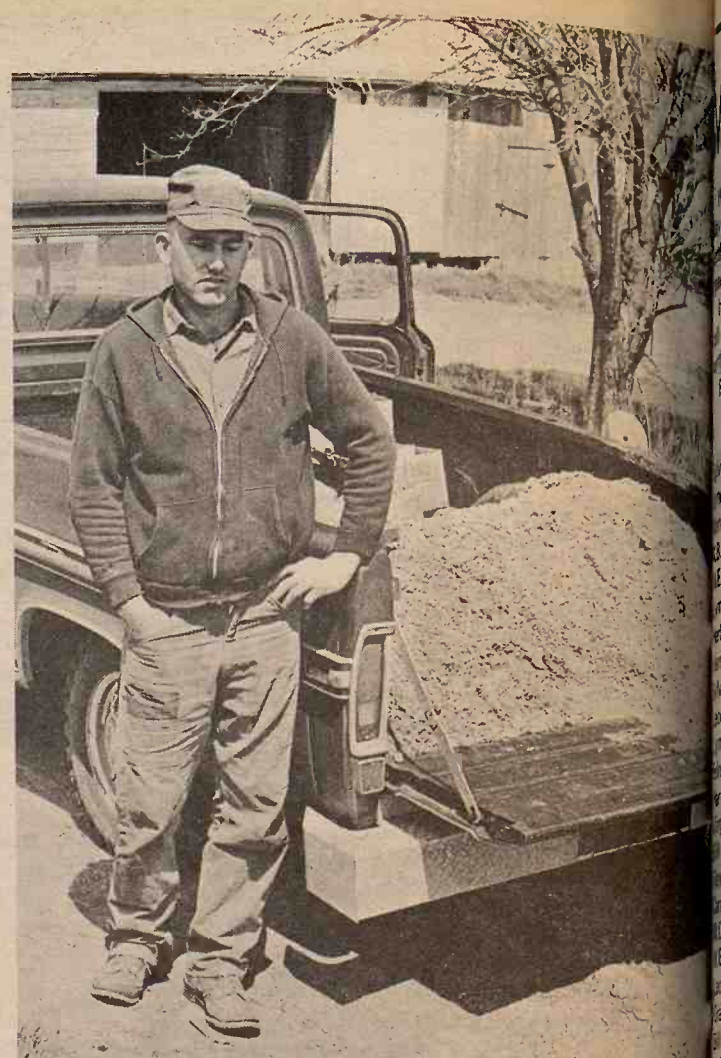
The disease, equine adenoviral infection, so far has been identified only in foals and results in pneumonia. C.S.U. scientists, however, said standard treatments for pneumonia have failed and, of all cases identified at C.S.U. only one horse survived.

Diseased foals encountered by the scientists have come from Colorado, Wyoming, Nebraska and Kansas.

The first 20 cases to be uncovered by C.S.U. researchers were in Arabian foals less than 3 months old. It has since been found in Appaloosa and Quarter Horse foals.

A Quarter Horse, the only one to survive, was saved with massive blood transfusions from the dam.

The scientist plan to explore the value of inoculation of foals with blood or serum from horses that have a strong immunity to the adenovirus.



LAND INVESTMENT

Richard Woltje, Greenleaf, just bought an 80 acre farm and intends to convert it into a hog operation. He has most of the fence line laid and is preparing to do some concrete work on his well. Woltje uses Hampshire and Duroc boars and has sold 473 pigs this spring.

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Plan to attend-May 19-21, 1972
Opens May 19, 12:00 P.M.
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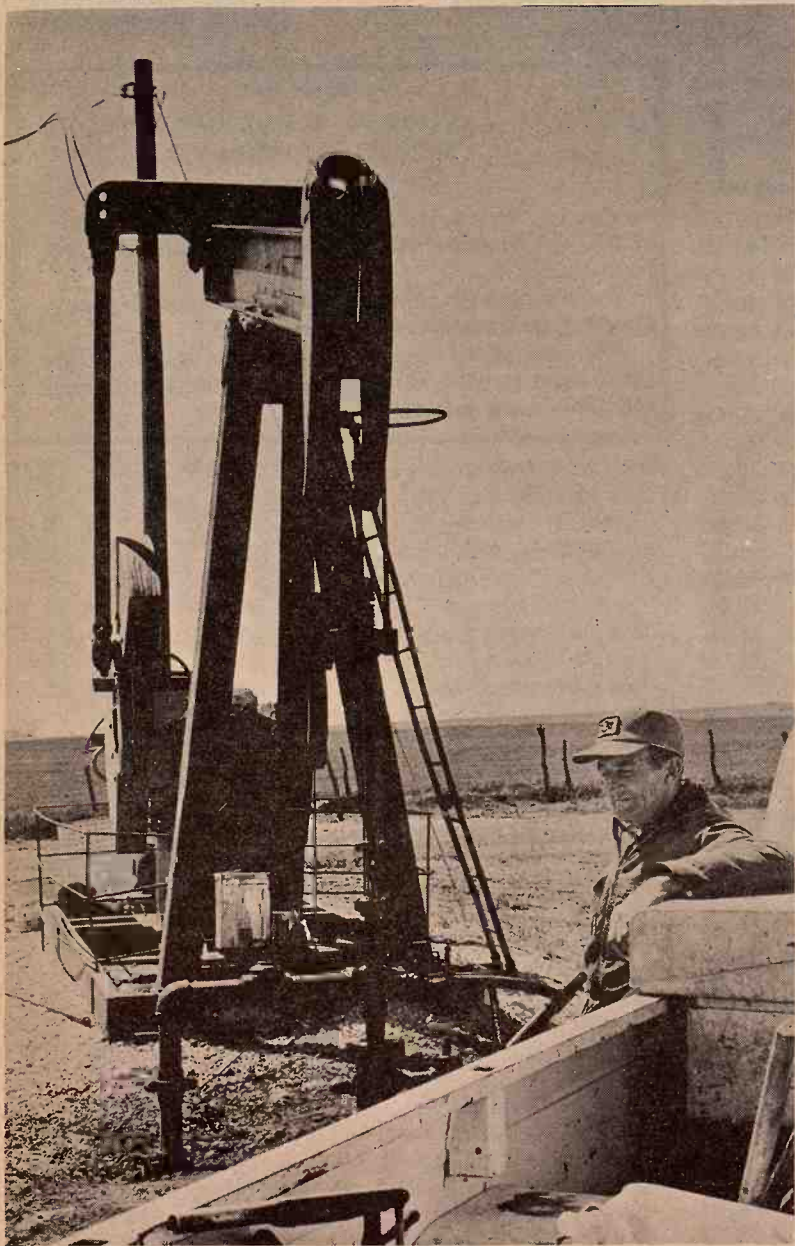
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**CASH CROP**

This oil well and another a half mile south are the only two wells in the area. Charles Hayes, Soldier, checks these wells almost every day. C.T. Casey, owner, estimated production at over 100 barrels per day. The wells are about eight miles southeast of Onaga.

Cattle Feeding Near Creeks Will Work

Can a beef cattle feeding operation located near a creek be designed to prevent air and water pollution?

This gets a "yes" reply from agricultural engineers at Kansas State.

The operation should consist of a properly designed and constructed broad basin terrace (debris basin) and a holding pond. It works this way:

The debris basin retains lot runoff for a short time to allow solids (manure and soil) to settle out. From the debris basin, the liquid flows into the holding pond.

Since 50 percent or more of the solids are settled out and collected in the debris basin, odors from the holding pond are reduced considerably. The holding pond should be emptied within two or three weeks after runoff from rainfall or snow melt to provide storage space for runoff from the next rain and to reduce odor.

Odor will develop if all solids and liquids are collected and held in one pond. That's why the debris basin is required. The solids should be removed from the basin yearly.

These odors are caused by anaerobic bacterial action on solids which results in the formation of gases, including ammonia (odorous), hydrogen sulphide (smells like rotten eggs, methane (odorless), and others.

Soil sealants will prevent liquids from seeping into the soil. Soil type and water table depth will dictate the type of material needed.

Heavy clay-loam soils will seal to prevent seepage. But light-sandy soils will require the use of ben-

tonite, or a polyethylene film or a butyl liner.

Flies and mosquitos will not be major problems if the debris basin and holding pond are empty most of the time, say engineers. Under some conditions, the insects could hatch, but control with insecticides should not be difficult since the areas are small.

LAWRENCE TEACHERS HOLD SALARY SCALE

LAWRENCE — The Lawrence School District and the Lawrence Education Association won't receive a salary increase unless the district's assessed valuation increases. The agreement will hold the base salary at \$6,275.



Saturday, May 13

Starts 11 a.m. — Lunch Served
Located at 422 North 7th Street
BEATRICE, NEBRASKA

ANTIQUES

China cupboard with curved glass
Plates, bowls, cups, wicker rocker, love seat, high chair with wicker seat, hall tree, foot stools

100 pieces of yellow depression glass
Lots of books; marble top side board; china cupboard, square; walnut dining room table; 6 needlepoint chairs; kerosene lamps; some Haviland dishes.

Collection of state plates; cut and pressed glass; wooden handle flatware; oak chairs; secretary desk and chair; cane rocker; round oak coffee table; oak end table; brass candle holder; 2 needlepoint occasional chairs; picture frames; oak chest; wash stand;

Mahogany sleigh back bed; oak writing desk; brass spittoon; vanity; hanging lamp; globe for hanging lamp; homemade rocker.

Round oak table and 4 chairs; buffet; 2 brackets for wall lamp; cast iron pig bank; scales; various size hand scales; 5 flat irons; trivets; ice tongs; hot cake

griddle; 3 milk pails; iron muffin pan; 3 small bells; corn planter; shoe lath; weights.

Hitching weights; sausage stuffer; post hole digger; fruit jars; crocks; butter crock; tea cart; oak dry ice box; 4 gal. crock churn; hand churn; 2 round kerosene stoves; horse collar with hames; kitchen cabinet.

Captain's chair; trunks; iron skillet; 3 iron kettles; iron griddle; kerosene range; lantern; chopping mold and tools.

Butter mold and paddles; wardrobe; settee; No. 2 school bell; cistern pump; grindstone; brass coated beds; 2 oak library tables; eckers; 4 chairs to match; New Home sewing machine; youth bed; child's wicker rocker; child's desk and chair; wicker table; other items too numerous to mention.

HOUSEHOLD GOODS

2 card tables; 1971 Sears refrigerator frost free; magazine rack; table lamps; floor lamp; couch and chair to match; overstuffed rocker; vinyl covered chair; sewing machine.

Many other items

Heirs of Cap Arnt

Delmer Jurgens
Wymore 645-3493

— Auctioneers —

Jr. Thim
Beatrice 228-0722

Clerks — Keith Krecklow & Vern Mulig, Beatrice

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The 1972 Blue Book
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249

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34.95

This bright automatic yard light turns on at dusk and off at dawn. Complete with 175W bulb and mounting bracket. 32-0671



HYDRAULIC JACK

5-Ton

12.95



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Length	Max. Ht.	Reg.	Sale
16'	11'	89.29	79.88
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With nylon bearings throughout for longer life. Heavy duty cold drawn steel tubing. 18 gauge pre-formed steel trusses, adjustable length. Less elevator transport and motor.



PIPERAZINE WORMER - 17%

For safe, convenient administration in watering systems to remove large roundworms in swine and poultry; nodular worms in swine. Piperazine base assures effective anthelmintic action.

2.99 Gallon

TREATS - 125 - 100 lb. hogs; 250 Feeder Pigs; 6,400 Adult Chickens and Turkeys.

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Regular \$39.88

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- Approx. 9,000 ft. per bale
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As cattle eat, the phenothiazine included in Stockade Blocks passes harmlessly through the digestive system.....remains active in the fresh droppings where flies lay their eggs..... and kills the larvae when the eggs hatch.

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L.H. Simerl

Soybean Stock Down

The USDA report of stocks of grains on hand April 1 was especially important this year, in view of the known shortage of soybeans. The USDA estimated soybean supplies as of April 1 at 551 million bushels — 65 million less than last year. This total was a little smaller than many in the trade expected, hence the jump in prices when the market opened.

The two most likely reasons for the smaller-than-expected stocks are: (1) The soybean crop harvested last fall may have been slightly smaller than the official estimate. (2) The stocks remaining on farms April 1 could be a little larger than was reported.

Stocks of soybeans at mills, elevators, and warehouses were estimated at 334 million bushels — 33 million less than a year before. This figure is quite accurate, since most of these companies are required to report. The farm stocks of soybeans were estimated at 217 million

bushels — down 30 million bushels from 1971. This estimate is probably not as accurate as the other figure, since it is possible to poll only a sample of all farmers.

Soybean crushings during the first seven months of this marketing year totaled about 424 million bushels — some 5 percent less than a year before. Exports added to 269 million bushels, the same as last year.

It now appears that soybean stocks may be squeezed down to about 50 million bushels by September 1. That would be only enough to keep the mills and export lines running for about two weeks. On the other hand, soybean oil is meeting strong competition in world markets, and soybean meal prices have been so high that many farmers are feeding it sparingly.

Stocks of corn on hand in all positions on April 1 were estimated at 3,344 million bushels — 819 million more than last year. Of this total 1,136 million was under price

support: The CCC owned 153 million bushels, 829 million bushels of the 1971 crop was under price-support loans, and farmers still held 173 million bushels of older corn under resale loans.

Probably about 200 million bushels of the 1971 crop that was under loan on April 1 will be needed for domestic use and export before the new crop becomes available next fall. Farmers had redeemed 108 million bushels by April 1. The rate of redemption usually increases rapidly as market prices get more than five cents above the county loan rate.

Domestic use of corn during the January-March quarter was smaller than some observers expected. Indicated usage was up only slightly from the low, year-before figure. In the previous quarter (October-December), domestic disappearance was up 16 percent from last year.

Prospects for next year are increasingly dominating the corn market. With near-normal weather, the 1972 crop would about equal expected needs for domestic use and exports during 1972-73. Any substantial excess would be put under price support loans, thus holding prices near the support level.

If this year's corn production falls short of market needs, the deficit will be made up by withdrawing 1971 corn that will be under resale loans. Perhaps 500 million bushels could be obtained from this source, with prices 10 to 15 cents above the support level. The relatively high futures prices for the 1972 corn crop suggest that some persons are expecting the price-support loan rate to be raised. Something like that is always a possibility.

L. H. Simerl
University of Illinois



THE HARD WAY

Charles Mahkuk is rolling up fence the hard way. But the stretch of fence he's taking up isn't too long. Mahkuk works for Earl Askren, who farms west of Holton.

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SALINA, KANSAS

Cattlemen's Assn. Official Says FDA May Curtail DES

With all the good news about advances in beef research at the 59th annual Cattlemen's Day at Kansas State University there had to be some bad news.

John Trotman, president of the American National Cattlemen's Assn. (ANCA), told the over 600 cattlemen there is a strong possibility the use of diethylstilbestrol (DES) in the livestock industry may be curtailed.

Trotman told cattlemen that Food and Drug Administration officials are considering banning use of the hormone in livestock feed. DES is used in liquid and powdered form in

feeds and as a pellet implant.

Kansas cattlemen declare use of the drug gives them 13 per cent more feed efficiency in finishing cattle in state's feedlots.

Nationally, some researchers have said discontinuing use of DES in beef alone would add \$300 million to \$400 million to the annual cost of producing the nation's beef.

The latest move on the use of hormones in livestock feed came about five instances of minute parts of DES being found in livers of feedlot cattle sent to slaughter from Texas and Arizona. Some also have been found in sheep, Trotman said.

ANCA represents cattlemen in 44 states, 15 breed associations and has about 150,000 members, he said.

Trotman noted that cattlemen in 15 southern states, including Oklahoma and Texas, have 45 per cent of the cow-calf operations in the United States. He estimated 40 per cent of the more than 2 million cattle imported annually in Kansas for finish feeding come from these herds.

This development has come, he said, from herds that have averaged only 17 cows each in the southern states east of the Mississippi River.



Saturday, May 20

Starts 1 p.m. — Lunch Served
1 mile west of Marquette, Ks. on Hwy 4, 1 mile north, 1 west and 3/4 north. We have quit farming and will sell the following:

LIVESTOCK

25 3 year old outstanding Shorthorn cows
13 calves on ground, more by sale day, bangs tested and clean
3 year old Shorthorn bull, Myers breeding
Four 1 year old Shorthorn heifers
One 1 year old Shorthorn steer

MACHINERY

1970 IHC 856 diesel tractor, only 520 hours, like new
1970 IHC 5x16 semi-mounted plow
1970 IHC No. 470 15' wheel disc
1970 IHC No. 360 28' springtooth
1970 IHC 16-10 hoe drill
(this 1970 equipment bought new in fall of 1970 and used only one season)
1964 IHC No. 403 14' combine with cab
IHC M tractor, hyd. PTO, good
1966 3/4 ton Chevrolet pickup truck
1960 IHC 2 ton truck, 2 spd., underbody hoist, 14 1/2' steel box

and racks
Manure spreader
Drag harrow
Grain auger on transport, BS engine
4 wheel wagon
Post hole digger
Sprayer outfit on 2 wheel trailer
Pull type chisel
This equipment had been shedded and is A-1
Wick bale loader
5 section drag harrow
JD 3x14 plow, hyd.
JD 24' springtooth, Borell carrier
JD 16' springtooth, 3 pt.

MISCELLANEOUS

Stock saddle; 8' water tank; air compressor; 2 hydraulic cylinders; posts, wire; hand sprayer; hedge posts.
2 300 gallon gas tanks on stands; 3 fence chargers; hydraulic jacks; hand tools; log chains; steel wagon wheels; some junk machinery; gas & oil cans. Many miscellaneous items too numerous to list.

Terms — Cash

Mr. & Mrs. James R. Peterson

Ralph Wheat, Clerk
Roger A. Johnson & Son, Auctioneers & Sale Managers, Salina, Kansas

BEATRICE

77

LIVESTOCK SALES

2 miles north of Beatrice, Nebr.

Monday
CATTLE 11:30 a.m.

Wednesday
HOGS 11:00 a.m.

Feeder pigs, Male Hogs
& bred gilts sell 2:30 p.m.

BARN PHONE 402-223-3571

CATTLE

We had a nice run of cattle last week. Baby calves \$25 to \$85.00 with 2 WF str at \$141.00, 1 Blk str at \$147.50, 1 Blk str at \$141.00, 2 WF hirs at \$145.00, 1 WF bull at \$136.00, 1 Hol str at \$138.00, 1 BWF str at \$132.50, 2 BWF str at \$127.50, Canner & cutter cows 20.00 to 23.50 with commercial & utility cows 23.50 to a top of 27.00, 6 WF cows & clvs at \$331.00, 2 WF cows & clvs at \$320.00, 1 Blk cow & clf at \$325.00, 1 Hol cow & clf at \$325.00, 1 Blk cow & clf at \$353.00, 1 Hol cow at \$297.50, 1 Hol hfr at \$345.00, 1 Hol hfr at \$302.50, Bulls 28.25 to 32.20 with 1 WF bull at \$415, 1 Char bull at \$370.00. Some other sales include:

61 WF str weight 625 at 41.40
28 WF hirs weight 596 at 38.00
26 Hol str weight 1068 at 30.85
10 Mix str weight 824 at 36.70
8 BWF str wt. 898 at 35.00
9 Blk str wt. 561 at 39.90
9 Blk str weight 552 at 42.10
2 Hol cows weight 1290 at 26.80
1 Gur cow weight 1060 at 25.30

HOGS

We had an extra large run of hogs last Wednesday with 200 to 230 lb butchers at 23.50 to 24.25; 230 to 260 lbs 22.50 to 23.50; 260 lbs & over 21.50 to 22.50. Sows 20.50 to 21.75; Boars 21.50 to 23.00. 4 Mix bred sows at \$150.00, 1 Whit sow at \$140.00, 3 Whit sows at \$160.00, 1 Hp sow at \$122, 3 Mix bred gilts at \$89.00, 1 Whit sow at \$105.00. Some feeder pig sales were:

46 Red pigs at \$24.50; 32 Hp pigs at 24.00; 34 Mix pigs at 22.00; 14 Whit pigs at 16.50; 40 Mix pigs at 24.25;

CLARENCE TEGTMEIER

Burchard-865-4521

DELMER JURGENS

Wymore-645-3493

JR. THIMM

Beatrice-228-0757



CUSTOMER RELATIONS REPRESENTATIVE

Ivan Kanak, former Grass and Grain area Farm Reporter, and recent Director of the St. Joseph Market Foundation has accepted a position with the Glenkirk Farms, Maysville, Missouri.



Farm Machinery
1964 MF No. 65 hi clearance tractor, fully equipped, good rubber, gas, very good
1955 IHC No. 400 gas tractor, wide front end, TA, LPO, L hyd., good rubber, good

Starts 10 a.m. — Lunch Served
Due to the death of my husband, I will sell at public auction on our farm located 8 south, 6 west and 3/4 north of Abilene, Ks., 8 south and 1 east of Solomon, or 6 west and 3/4 north of Rural Center School.

1949 IHC M tractor, L hyd., row crop front
1949 JD Model G tractor, gas, power-trol, fully equipped, good shape
And a very large line of farm machinery and tools

Terms — Cash Day Of Sale

For Complete Listings See Grass & Grain May 2

Mrs. Effie C. Emig

ADMINISTRATRIX OF PAUL E. EMIG ESTATE
Aucts: Foster Kretz Auction Service, Clay Center, Ph. Morganville 926-4422
Clerk: Solomon State Bank



Mon. evening, May 15

Starts 5:30 p.m. — Note Sale Time
Having sold our home and left Clay Center, we will sell at public auction the following items at the Armory Building located in the southeast edge of Clay Center.

Household Goods

Frigidaire Imperial model refrigerator, double door with freezer across bottom, 8' top and bottom, very good
Skelgas Constellation 14' upright freezer
Maytag automatic washer, good
Several gas refrigerators; kitchen table & 2 chairs; chrome table & 2 chairs; end tables; divan with 2 matching chairs; floor & table lamps.
2 piece bedroom suite complete; odd chairs; smoking stands; wooden bed with springs; two 2-burner hotplates; several old radios; battery radio; electric fans; card tables.
Bottles & fruit jars; 2 burner camp stove; lawn chairs; a lot of dishes, pots, pans; luggage; antique tea kettle; gas lantern; 2 antique grocery scales.

Kerosene lamps; Land grocery cart; old crocks; also other pieces of furniture and miscellaneous items not listed.

HAND TOOLS, GARDEN TOOLS AND MISCELLANEOUS

Shovels; forks; wrenches; house doors & windows; garden cultivator; 2 bathroom stools complete.
Overhead garage door track; pumps; motors; 2 wheelbarrows; dog crate; 2 wheel boat trailer made from Model T chassis.
Antiques & collectors items; also small hand tools and misc. not listed.
Small irrigation pump with electric motor; fishing equipment.

Terms — Cash Day Of Sale

Mr. & Mrs. Don Hausserman

Aucts: Foster Kretz Auction Service, Clay Center, Ph. Morganville 926-4422
Clerk: Peoples National Bank, Clay Center

campaign to attack and discredit the American Farm Bureau Federation.
The threat reported by William J. Kuhfuss, president of the American Farm Bureau Federation, came in the form of an ultimatum presented to Farm Bureau leadership at its national headquarters.

The UFW delegation told Farm Bureau that unless it withdrew its efforts by May 8 to get federal and state farm labor legislation enacted, UFW's national boycott apparatus would be mobilized in a massive "informational" campaign against Farm Bureau in 40 cities.

Currently, Farm Bureau is pressing for enactment of bills in Congress and in several states to guarantee secret ballot elections for farm workers and to prohibit the secondary boycott for agriculture as it is presently prohibited in industry under the National Labor Relations Act.

Kuhfuss responded to the ultimatum with a "reassurance to agriculture and the nation that Farm Bureau would intensify its efforts to get fair and constructive farm labor legislation that would protect the constitutional rights of workers to organize freely and farmers to be protected against the ravages of coercive boycotts that force them to sign over their work force or go out of business."

Kuhfuss said that, under Farm Bureau policy, "we uphold the right of employees to bargain collectively, but condemn the use by either labor or management of force, coercion, intimidation, secondary boycotts, or other unfair means applied by one side to force its will upon the other."

POSTPONED



Saturday, May 13

Starts 10:30 a.m. — Lunch
Located 7 miles east of Bennington, Ks., or 4 north of Niles, or 11 miles west of Talmage on Hwy. 18 at Isaacson Station.

Farm Machinery & Misc. Items

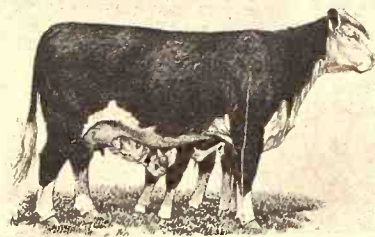
For Full Listings See
Grass & Grain May 2

**Gus & Bernice
Isaacson**

Auct.: Willis Darg, Bennington
Clerk: Bennington State Bank

Kansas Invitational All-Female HEREFORD SALE

AT FARMERS & RANCHERS SALE PAVILION
FRIDAY, MAY 19 STARTS 1:00 P.M.



YOUR chance to add some of the truly great brood cows in the state to your herd!
YOUR chance to buy great herd bull and replacement heifer prospects right off the cow!
YOUR chance to pick up cows carrying the service of some of the outstanding herd sires in the Hereford breed!
YOUR chance to fill out your pastures with a great set of young commercial heifers!

SELLING

40 REGISTERED PAIRS

Outstanding brood cows from the top breeders in the state. Calves at side by some of the great herd bulls in the nation.

100 COMMERCIAL HEIFERS

Bred and raised in Kansas. Top quality heifers with their life ahead of them, ready to breed.

CONSIGNORS

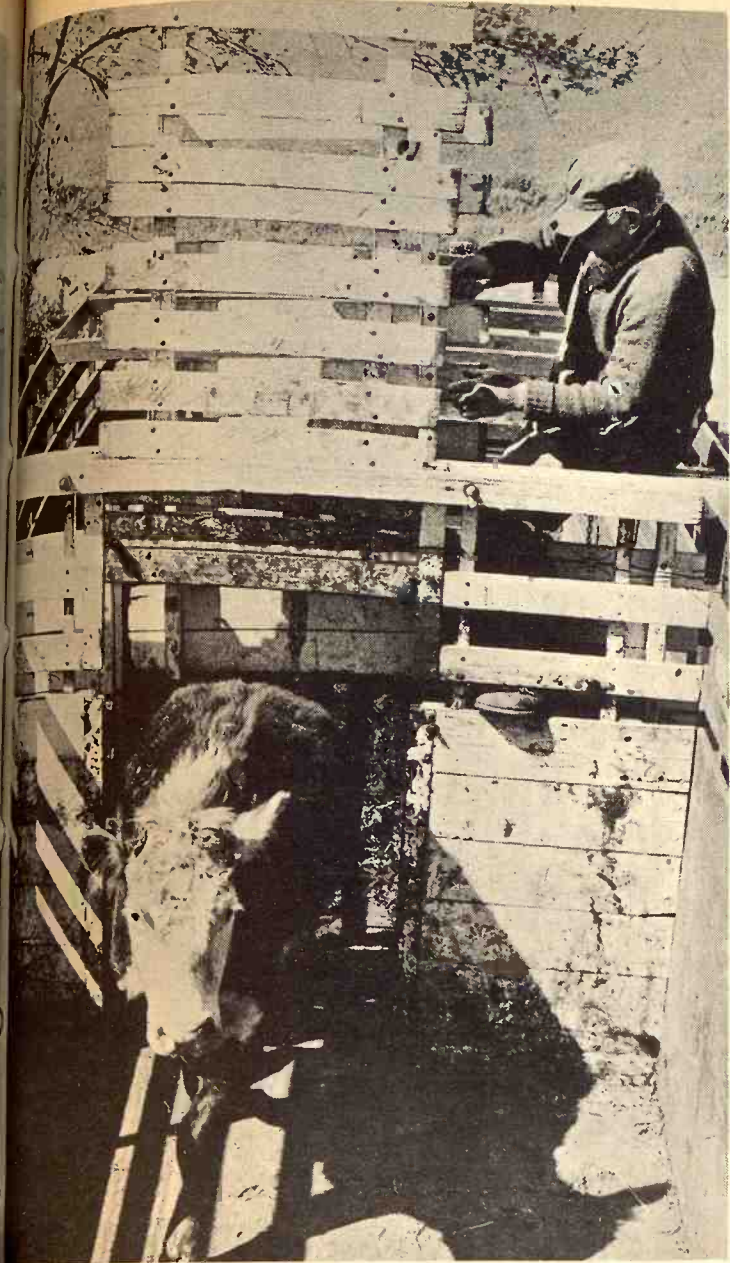
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BACK HOME

This heifer belonging to Gus Zibell jumped the fence and his brother, Frank, found her in his herd. Instead of unloading her they just put her in Zibell's truck and she will be taken back to pasture. Zibell, Holton, has an 80 head cow herd and feeds out about 250 feeder cattle a year.

Cesar Chavez Threatens Farm Bureau With Strike

PARK RIDGE, ILL. — Cesar National Union, an AFL-CIO affiliate, has threatened a nationwide



Friday, May 19

Starts 9 a.m. — Lunch Served
Due to the death of my wife, I have decided to sell the doll collection and other antique and collector items which we have collected over the years, at the City Hall in Ellsworth, Kansas.

AUCTIONEER'S NOTE — Due to the large amount of different types and kinds of items, they have been categorized to save space. There is a real fine doll collection along with a number of other collector items of which we have made a very general listing. We believe that you who are interested in this type of merchandise will find a variety here at this sale.

DOLLS — CHINA — DEPRESSION GLASS — POTTERY
PRIMITIVES — COPPER — BRASS — MISCELLANEOUS

Approx. 50 dolls (bisque, china, and kid body)
Approx. 60 miniature dolls (china and bisque)

Approx. 40 semi-modern dolls
Doll parts and clothing sewing machine

3 doll buggies; tea pots; shaving mugs; ironstone china; wash bowl and pitcher; relish dishes; candle holders.

Hen on nest; figurine candy holders; 42 pieces amber glass. Shot glasses; wooden candle holders; brass cups; 2 cast dutch ovens; brass, iron and others; doctor's sterilizer; wicker baskets.

High chair and table; cups and saucers; souvenir plates; game plater; 3 chambers; sugar and creamers; depression glass; pink fan vase.

Milk glass; toothpick holders; crock jars, jugs, churns; wooden buckets and kegs; 3 kraut cutters.

Wooden hen eggs; kerosene iron; Gone With The Wind type lamps; wooden handled silverware.

Pickle dishes; pitchers; tea or cocoa set; calendar plates; carnival glass; pressed glass; Shirley Temple pitcher; lamp shades; footed cake plates; POTTERY: Roseville, Hull, McCoy, Rumrill.

Plates, bowls, platters; gravy boats and ladles; Japanese dishes; salt dips; vases; apothecary jars; butter dishes; amethyst dishes; assorted glasses.

Iron kettles; brass bird cage; brass shells; 4 Rayo lamps; door pulls; dough pans; granite ware; lanterns; porcelain casters; 2 Seth Thomas clocks.

Iron toys; ink bottles; canes; figurines; bottles; cameras; coffee pots; marbles; cream cans; insulators; mirrors; ivory dresser set; dresser set; French dresser tray; pictures and frames.

Brown fruit jars; tobacco canister; coffee grinder; square nails; gas lamps; souvenir spoons; cracker boxes; silver basket; musical instruments; 4 glass kero. lamps; big daisy churn; Singer Bros. bottles; 4 collars and hames; 4 coal shovels; bitters bottles; beer bottle; tobacco cutters; washboards.

Beer spigot; lard press; sausage grinder; cow bells; center tables; 2 claw and ball foot tables; small chair; dresser; wood bed; spice cabinet; copper boilers; many other articles too numerous to mention.

Terms — Cash

Alfred Kobbeman

Sale Conducted By



Clerk: Emerson Cline

Melvin Temple
257-2975, Lyons, Ks.

Ray Gerbitz
472-3491, Ellsworth, Ks.

Farm Production Feels Substitute, Analog Effect

**AMERICAN FAMILY
INSURANCE
AUTO FIRE HEALTH LIFE**®

Substitutes, synthetics and analogs all have one thing in common — they are cheaper to produce, and part of the time at least, they are cheaper to purchase. But farmers continue their fight to sell their product and maintain themselves at the same time.

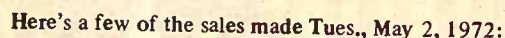


This bull calf owned by Glenkirk Farms, Marysville, Mo., is the 16 millionth registered Hereford. The American Hereford Assn. recently issued this historic certificate to the March 8, 1972, son of the Glenkirk herd sire, Big Northern. In addition to holding the unique 16,000,000 registration number, GK Big Northern is the result of an unusual mating of Big Northern to his own dam.

SALE EVERY TUESDAY & WEDNESDAY AT HERINGTON

Herington Livestock Auction Co., Inc.

BONDED
Excellent Truck
& Rail Facilities



Tom Weese, 23 pigs @ 29.00 hd.
Gary Nesser, 2 sows 195 @ 21.00
Bill Noland, 19 pigs @ 28.75 hd.
Menno Buller, 17 pigs @ 22.25 hd.
Harry Falen, 1 hog 180 @ 23.60
Max Thorp, 55 pigs @ 18.70 hd.
Rick Granzow, 3 pigs 130 @ 25.50
Ecklund & Son, 6 pigs @ 26.50 hd.
Clifford Gaines, 4 shoats 155 @ 23.50
Billy Cunningham, 1 hog 265 @ 22.30
B. Stromberg, 1 hog 345 @ 21.00
Paul Hansen, 1 boar 540 @ 21.10
Melvin Gruber, 11 hogs 226 @ 23.70
Jones Bros. 23 hogs 219 @ 23.75
Mike Carlson, 15 hogs 231 @ 23.60
Bettles & Thomas, 13 hogs 202 @ 23.70
Vernon Henriks, 13 hogs 228 @ 23.95
Auchard & Auchard, 3 boars 261 @ 20.25
Garrett Bros., 17 hogs 200 @ 24.15
Garret Bros., 8 hogs 234 @ 23.65
Vernon Rohloff, 16 hogs 221 @ 24.05
Duane Biehler, 6 hogs 213 @ 23.85
Steve Eskeldson, 3 hogs 230 @ 23.95
Peterson Bros., 14 hogs 225 @ 24.05
Larry Lauderman, 28 hogs 257 @ 23.05
Phillip Peterson, 8 hogs 218 @ 23.85
Leonard Johnson, 1 sow 290 @ 21.60
Dillon Children, 2 sows 440 @ 20.50
Orvil Kickhafer, 8 hogs 238 @ 23.50
Bill Cooper, 29 hogs 243 @ 23.85
J. Parls Moudler, 6 hogs 221 @ 23.90
Ephra Riffel, 10 hogs 256 @ 23.25
A.C. & Kenny Gantenbein, 6 hogs 214 @ 23.95
Elmer Anderson, 17 hogs 227 @ 23.95
Sylvin Holub, 8 hogs 212 @ 23.70
Eldred Brockmeier, 8 hogs 220 @ 23.95
David Brunner, 8 hogs 192 @ 23.60
Lawrence Riedy, 22 hogs 213 @ 24.20
Les Schulty, 15 hogs 229 @ 24.10
Charles Heiser, 10 hogs 248 @ 23.50
Lee H. Meier, 6 hogs 222 @ 23.95
Ed Spohn, 3 hogs 225 @ 23.95
Clarence Bryant, 14 hogs 196 @ 23.80
Joe Mills, 11 hogs 224 @ 24.05
George Herpich, 2 sows 490 @ 20.00
Percy Wendt, 3 hogs 223 @ 23.70
Alvin Lay, 12 hogs 218 @ 23.90
Don McMahon, 13 hogs 213 @ 24.05
Ronald Schlesener, 1 sow 600 @ 19.50
Lawrence Veerhusen, 1 sow 555 @ 19.90
Sam Becker, 9 hogs 261 @ 23.00
Peterson Farm, 2 sows 428 @ 20.30
Mark Kickhafer, 1 bwf clf @ 69.00 hd.
Iceland Nuss, 1 wf clf @ 52.00 hd.
Albert Meyer, 1 holst clf @ 75.00 hd.
Curtis & Craig Rose, 2 ro & rd strs 270 @ 47.25
Curtis & Craig Rose, 2 rd hfrs 302 @ 41.25
Curtis & Craig Rose, 1 rd clf 175 @ 56.75
Donald Peterson, 1 bwf str 290 @ 45.20
Donald Peterson, 1 bwf clf @ 95.00 hd.
Willis Peterson, 1 char bul 1275 @ 29.90
Ken Hoffman, 1 bwf hfr 310 @ 39.90
German Kickhafer, 1 br wf cow 965 @ 25.25
Irene Alsop Jr., 1 blk str 225 @ 44.75
Harold Diepenbrock, 1 swiss str 920 @ 31.00
Harold Diepenbrock, 1 blk bul 780 @ 31.90
Lawrence Winkley, 3 bwf bulls 463 @ 39.75
Mark Kickhafer, 2 wf cows 860 @ 24.80

Mark Kickhaefer, 1 wf cow @ 99.00 hd.
Clinton C. Anderes, 2 wf cows 1040 @ 25.85
Vincent & Jerry Gantenbein,
3 wf cows/clfs @ 325.00 hd.
Vincent & Jerry Gantenbein,
4 wf cows 951 @ 25.50
Sam Helbach, 1 wf clif @ 77.50 hd.
Dale No ih, 3 wf cows 978 @ 24.95
Dale North, 1 blk bulk 1560 @ 29.70
Jos. W. Dvorak, 1 holst hfr 800 @ 26.10
James Lee, 1 wf bulk 1410 @ 30.35
Bill Shippy, 1 wf cow 1120 @ 25.60
Rudolph Rindt, 1 bwf bulk 530 @ 32.25
Leon Riffel, 1 wf bulk 1540 @ 29.50
Leon Riffel, 1 guern cow 1050 @ 24.80
Walt Gillaspie, 1 swiss cow 1315 @ 27.10
Charles Heiser, 1 wf cow 1035 @ 25.40
Charles Heiser, 2 wf strs 455 @ 41.00
Dale Johnson, 9 blk strs 601 @ 38.10
Dale Johnson, 2 bwf strs 575 @ 40.90
Dale Johnson, 9 blk hfrs 540 @ 35.60
Les Shoup, 8 blk hfrs 421 @ 36.60
Les Shoup, 5 blk strs 415 @ 38.40
Les Shoup, 6 blk strs 622 @ 37.00

Here's a few of the sales made Wed., May 3, 1972

Jerry Britt, 2 wf cows 1170 @ 24.90
Bob Lehman, 20 bwf str 612 @ 39.90
Bob Lehman, 20 bwf str 630 @ 39.50
Bob Lehman, 17 bwf str 606 @ 39.10
Bob Lehman, 26 wf str 559 @ 43.20
Dale Lee, 5 wf str 413 @ 45.50
Dale Lee, 5 wf str 542 @ 42.00
Leland Albrecht, 7 wf str 691 @ 38.30
Don Buethe, 1 rd hfr 420 @ 31.00
Loren Thorp, 1 wf bull 425 @ 40.60
Loren Thorp, 1 wf cow 940 @ 25.80
Don Buethe, 1 blk bull 1055 @ 30.10
Frankie Biehler, 1 wf cow 765 @ 26.00
Hal Fisher, 1 holst cow 1115 @ 27.40
Hal Fisher, 2 holst cows 1215 @ 26.40
Harry Hatterman, 1 bwf bull 285 @ 51.25
Frank Frohn 2 wf str 370 @ 46.00
Louis Stika Sr., 1 bwf bull 350 @ 43.50
Vernon Rohlf, 2 holst bulls 347 @ 39.70
Robert Kickhaefer, 1 holst cow 1360 @ 24.00
Dale Gantenben, 3 bwf str 240 @ 51.25
Arnold Mueller, 6 holst str 627 @ 33.50
Arnold Mueller, 4 blk str 646 @ 37.70
Don Woods, 1 brn str 895 @ 35.00
Garold Robbing, 1 bwf str 405 @ 39.40
Garold Robbing, 2 blk str 410 @ 39.25
Delmar Sandow, 149 mix hfrs 727 @ 35.05
Charles Kniebel, 6 wf str 770 @ 35.40
Wilbur Lepke, 4 wf cows/cfrs @ 312.50 pr.
Wilbur Lepke, 2 blk cows/cfrs @ 327.50 pr.
Bill Scholes, 1 wf bull 1500 @ 30.00
Er. N. Pickard, 1 wf bull 265 @ 55.75
Er. N. Pickard, 1 wf bull 280 @ 55.25
Landon Shippy, 10 blk hfrs 397 @ 36.60
Louis Tajchman, 2 wf str 367 @ 48.00
Don Cunningham, 3 wf hfrs 531 @ 35.20
Harry Krause, 22 wf str 521 @ 42.45
Harry Krause, 36 wf str 508 @ 42.45
Harry Krause, 12 mix str 558 @ 39.00

Jtech & Granzow, 1 bwf clf @ 100.00 hd.
 Utech & Granzow, 2 wf cows 1072 @ 26.20
 Bill Anderson, 14 blk hfrs 663 @ 34.30
 C. A. Guthals, 5 blk hfrs 364 @ 38.75
 C. A. Guthals, 1 bwf str 390 @ 50.75
 Kenneth Fike, 2 wf str 695 @ 38.90
 Garret Bros., 1 blk str 605 @ 37.60
 Mark Jones, 1 wf hfr 505 @ 35.30
 Dennis Jones, 1 bwf str 520 @ 42.00
 O. J. Sly, 1 wf cow 825 @ 31.70
 Terry Jones, 1 wf str 445 @ 45.75
 Jones Bros., 1 wf hfr 710 @ 32.80
 Wm. Hatterman, 3 wf bulks 431 @ 44.25
 Rex Siebert, 2 wf cows 995 @ 27.10
 Herman Schlatter, 3 wf hfrs 423 @ 38.25
 Jim Funk, 1 wf cow/clf @ 345.00 pr.
 Gary Vogel, 1 wf str 470 @ 39.90
 Alf F. Hajek, 1 blk bull 655 @ 33.10
 Monroe Kreutziger, 1 blk bull 1165 @ 30.30
 Milton Gehrke, 1 char bull 1490 @ 30.90
 Milton Gehrke, 5 blk str 400 @ 45.60
 David Gehrke, 1 bwf str 400 @ 44.75
 Vincent & Jerry Gantenbein,
 8 blk str 601 @ 39.20
 Vincent & Jerry Gantenbein,
 9 blk hfrs 577 @ 35.40
 Ross Blythe, 1 wf bull 1275 @ 28.60
 John H. Weber, 4 wf str 271 @ 54.00
 Ed Hirt, 4 blk str 430 @ 42.30
 Ed Melcher, 47 mix str 817 @ 36.50
 Bill & Lyle Krause, 4 wf str 931 @ 34.90
 Leland Nuss, 1 wf bull 1300 @ 30.25
 Henry Hoffman, 1 wf bull, 1490 @ 30.90
 Harold Hanschu, 1 wf cow 975 @ 26.50
 Harold Hanschu, 3 wf cows 913 @ 27.25
 Larry A. Falen, 4 blk bulks 474 @ 37.00
 Martin Kohls, 2 blk str 550 @ 41.75
 Paul Krause, 3 bwf hfrs 830 @ 33.50
 Henry Say, 6 wf str 393 @ 47.50
 T. Lueker, 2 bwf str 512 @ 39.50
 Orval Kendall, 12 wf hfr 580 @ 33.00
 Gerald Unruh, 12 holst cfs @ 114.00 hd.
 Ed Wilson, 2 bwf str 582 @ 39.10
 M. Johnson, 2 bwf str 733 @ 36.40
 Les Diehl, 1 wf str 475 @ 38.80
 Clem Kleinschmidt, 4 wf cfs 246 @ 54.00
 Henry Schoof, 1 char cow 1215 @ 25.60
 Louie Cowman, 2 blk hfrs 552 @ 34.20
 Russell Adams, 1 blk bull 655 @ 30.75
 Edward Frobenius, 1 blk cow 1120 @ 25.00
 Julia Hanschu, 1 bwf str 405 @ 40.00
 Edgar L. Henricks, 1 holst cow 1105 @ 26.90
 Henry Steiner, 1 wf str 655 @ 39.00
 Leland Nuss, 1 white hfr 1055 @ 29.00
 Henry Steiner, 1 bwf str 750 @ 38.10
 Euse Lorei, 2 holst str 552 @ 35.00
 Ervin Pritz, 1 wf hfr 780 @ 32.00
 Paul Hanschu, 2 bwf cows/clfs @ 307.50 pr.
 Tom Matz, 5 bwf hfrs, 626 @ 34.90
 Emil Schesener, 1 blk cow 1085 @ 25.60
 Elcie Harder, 2 bwf str 952 @ 34.20
 Harry Wilson, 6 blk str 405 @ 46.25
 Ed Haefer, 2 bwf hfrs 590 @ 29.40
 Tom Potter, 63 holst str 934 @ 31.25
 M. & M., 20 blk str 706 @ 37.50

Barn Phone: 913/258-2205

MARKET REPORTS:
Radio Station WIBW, Topeka, Monday 12:15 p.m.; Tuesday, 7 a.m.
Radio Station KJCK, Junction City, Monday thru Saturday, 8:30 a.m.

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MANHATTAN, KANSAS

AMERICAN FAMILY
INSURANCE
AUTO FIRE HEALTH LIFE

Beef Prices Rationalized

Retail beef prices and live cattle prices have recently been at record levels, surpassing the old high established way back in 1951. The question is: are they really out of line?

To answer the question the American National Cattlemen's Association and the American National CowBelles suggest making some comparisons:

1) Although it has taken 21 years for live cattle prices to reach the level they were at in 1951, ranchers' and cattle feeders' cost have risen 125 per cent during that time.

2) The average consumer's take-home pay has risen 71 per cent since 1950 while food prices have risen only 25 per cent.

3) In 1950, the consumer spent 2.7 per cent of her disposable income on beef; today she is spending 2.5 per cent but she is buying nearly twice as much beef.

4) In 1950, one hour's labor bought 1.7 lbs. of beef; today it can buy 3.3 lbs., and the beef has considerably better and more uniform quality.

The average per capita consumption of beef has nearly doubled in the past two decades: from 64 lbs. per person in 1950 to 113.3 lbs. in 1971.

The cattleman obviously, has more than doubled beef production since 1950 — by automation and scientific principles — in order to produce more animals per acre of land and per man-hour and to develop more meat per unit of feed.

At the same time, the cattleman has — by increasing use of feedlot-type feeding — improved the tenderness of beef and, more importantly, become able to market a consistent volume of uniformly high-quality beef.

The cattle population of the U. S. increased from about 24,000,000 head in 1958 to about 39,000,000 head on Jan. 1, 1972. Cows, however, must be held back from slaughter in order to produce more calves — and ultimately therefore, to further increase cattle population—which means that the supply of beef has not decreased as rapidly as the cattle population.

The beef cattle business is governed entirely by the law of supply and demand. Demand increased faster than supply during

the early weeks of 1972 and that naturally has driven live and retail prices up.

a) The current situation has been partially the result of a severe drought in the Southwest last year, causing ranchers to transfer their cattle from grass pastures to feedlots sooner than normal, and, therefore, caused a shortage of cattle available for slaughter during the November-February period.

b) The price situation was also aggravated by an increasing desire by the consumer to purchase more expensive cuts of beef. With, for example, only 100 lbs. of steak in an 1100-lb. steer, this demand sharply increases the price of steak.

Cattlemen are continuing to try to increase the supply of beef, but this obviously requires some very long-range planning because, for instance, a newcomer in the ranching business must wait about three years before beginning to receive a return on his initial investment.

What about eliminating restrictions on beef imports?

1) The 1971 volume of beef imports was about 1.11 billion lbs. The meat import quota level last year was 1.18 billion lbs. (And the 1972 quota has just been raised to about 1.24 billion lbs.)

2) Nearly all this meat is of manufacturing or commercial grade, (sausages, frankfurters and hamburgers). Therefore, it does not reach the supermarket for sale as beef cuts.

3) Meat imports only account for about 7½ per cent of total U.S. beef

consumption.

4) Ironically, however, elimination of quotas would have a serious psychological effect on cattlemen; it undoubtedly would cause many of them to sell their cows at today's prices, thus eliminating the "factory" that produces more calves and, therefore, impairing supply in the future.

FARM & RANCH LOANS

INTEREST RATES are down, and NEEDS are UP.
Now is a good time to see your FLBA manager.

OPEN MONDAY THROUGH FRIDAY 8-5 (Closed 12-1)
604 Humboldt — 913/776-6931 Home 913/776-8439

Clay Center — 1:00-3:00 p.m. Tuesday — KM Security Bldg.

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OF MANHATTAN, KANSAS

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CLAY GEARY POTTAWATOMIE RILEY COUNTIES



R. Stanley Parsons
Manager



Miss Ford Country invites you to see some Spring Surprises!



Ford Torino...1972's best mid-size value.

Restyled and roomy. Big-Ford-like quiet ride. Rugged new body/frame engineering. Smooth new coil-spring suspension. Nine great models!



Up to \$212* discount on specially equipped pickups.

Choose an F-100 or F-250 pickup and you'll save up to \$28* on special Pkg. "A" paint and seat trim, foam seat (Custom only), bright front bumper guards, bright drip moldings, Explorer plaques, bright hub caps (4x2 models) and vinyl door trim panels (Custom). Add "mag" wheel covers (F-100), spear moldings, bright mirrors

and bright box rails (F-100 131" WB only) and save up to \$66* on Pkg. "B." Add power steering and Cruise-O-Matic . . . you'll save up to \$125* on Pkg. "C." Add air conditioning and tinted glass, and save up to \$212* on Pkg. "D."

*Price reductions based on manufacturer's suggested retail prices, not determinative of dealer's actual selling prices. See your Ford Dealer for his terms. 4x4 models available w/Pkg. "A" only.

Ford Country is full of Spring Surprises!



SKAGGS MOTORS, INC.

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MANHATTAN, KANSAS

**This year...
Calf Creep Feeding
Looks Like a "Sure"
Money-Maker!**



Extra value at a competitive price describes the

Hastings CALF FEEDER

Hastings is the all-steel—weatherized design calf feeder built with heavy steel gussets for rigidity and strength ■ rivets instead of bolts ■ handy tow lugs ■ feed-saving canopy and trough ■ handy lock-down fill hatch.

3 sizes — ½, 1 and 1½ ton models for creep feeding 35 to 75 calves.

See your Hastings Dealer or return coupon.

HASTINGS EQUITY GRAIN BIN MFG. CO.

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Send information on:

☐ Calf Feeder ☐ Beef Feeder ☐ Hog Feeders

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Dealerships available for established outlets in some areas.

Positive samples
by the USDA in the
certification for
hormone and
January 8. The
represent about
of a total of 1,400
for DES this year.
st samples of DES
issue were found in
and Nebraska.

USDA To Start
National
Carcass Program

Stanley Parsons
Manager



REAPPOINTED TO REAL ESTATE COMMISSION

C.W. (Bill) Crites, Junction City, was reappointed by Governor Robert Docking to a four-year term on the Kansas Real Estate Commission. Crites, a Grass and Grain area auctioneer, is a realtor and appraiser. At one time he served as Geary county sheriff for four years.

program is designed to give commercial producers carcass information on their cattle even though the producer may not know where they were fed or slaughtered. The program calls for the producer to purchase USDA approved numbered ear tags for each of the calves he wants carcass information on. Hopefully, the ear tags will remain in the calves' ears until they are slaughtered. USDA inspectors on the kill floor then transfer the tags to the carcass; USDA graders record the carcass data; and the data is returned by the USDA to the original producer.

Based on the results of the four-state pilot project, Robert L. Leverette, USDA livestock division, said, "Buying an ear tag doesn't mean you're going to get carcass data."

A total of 10,215 of the orange Ritchie tags were issued and over 9,000 were presumed to have been used. However, carcass data has been returned on approximately 1,800 head of cattle.

Speaking to a committee of the BIF at its meeting here last week, Leverette said several factors may have contributed to the low return. Little data is available on how long the ear tags will remain in the ear. Some feedlot personnel routinely remove all ear tags from replacement cattle. In some cases, USDA graders couldn't distinguish between the special program tags and regular marking tags. Some packers would not cooperate with the Department because of limitations on high-speed kill floors. "Some (packers) are behind the program as long as it doesn't interfere with their operation," Leverette said.

national program, it was emphasized that it is an industry program only. The USDA will obtain the ear tags and furnish carcass data only. The tags will be distributed by affiliates of the BIF. The total cost of tags and carcass data return is approximately \$1.50 per head plus affiliate administration costs.

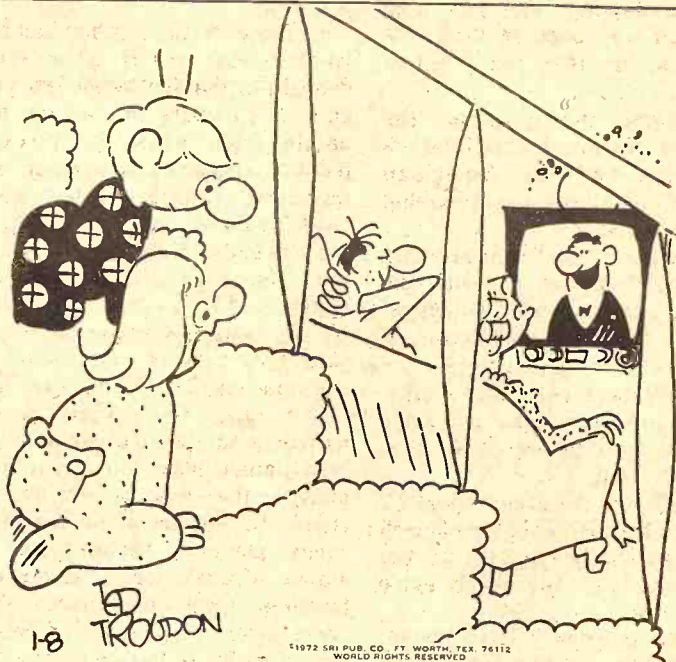
Many Beef Cattle Improvement Associations (BCIA) have promised support as well as the American National Cattlemen's Assn., the American Hereford Assn. and the American Angus Assn.

The Angus association anticipates using the program in conjunction with its Angus Sire Evaluation Program. Fred Francis, breed improvement specialist for the Angus Association, said association officials expect 100 percent return on tags distributed by the association, because its field men have been instructed to follow the calves from the producer, through the feedlot and into the slaughter house. The association will charge \$3 for the combined costs of the tabs, carcass data and its administrative costs.

Producers interest in taking part in this year's program should contact their state BCIA, breed association or the ANCA immediately to guarantee delivery of the tags this year. It is anticipated that delivery will be made in August.

TICKLE BOX®

by Ted Trogdon



"He must be a REAL FUNNY comedian... every other word is a 'bleep-bleep'."

Fertilize MILO before you plant.

Go for top yields. Broadcast our special milo fertilizer before you plant to provide plenty of plant food for this "big eater." Do it now to save time and avoid planting-time delays. Use our modern bulk spreaders or arrange for custom application. Stop in soon or phone us.



CK PROCESSING CO.

East US 24 Manhattan, Kansas 913-776-9269



Saturday, May 13

Starts 10:30 a.m. — Lunch Served
Two miles southeast on Highway K-16
McLOUTH, KANSAS

CATTLE

14 registered Angus cows, 9 with calves by side, Holliday breeding
2 1/2 year old registered Angus bull, President No. 3 breeding
Year-old registered Angus bull

Machinery

IHC M tractor, good condition

1957 IHC C tractor
IHC Cub tractor
John Deere 24T baler
1968 Kneib bale loader
1968 JD 37 field chopper
1965 Gehl silage wagon
1969 Gehl silage blower
1969 JD grinder-mixer, very good
1968 JD 37 mower, 7'
1970 JD 640 hay rake, very good
Also selling some antiques and household furniture

Terms — Cash

Mr. & Mrs. Don Robbins

Clerk: Mrs. Eldon Farris
Aucts: Eldon Farris, 913-774-2326, and Bud Showalter, 913-774-2171



Saturday, May 20

Starts 1:00 p.m.
1 Mile North Of Fostoria, Kansas
On Spring Creek Road

Household Goods

Electric refrigerator, fair condition
Kitchen cabinet with flour bin
Utility cabinet; kitchen table with leaf, 4 chairs; 2 kitchen stools; medicine cabinet; dining table with leaves; buffet; ironing board; clothes hamper; studio couch; wood heater.
Singer treadle sewing machine; 6 dining room chairs; odd chairs; rocking chair.
Divan and chair set; desk and chair; 2 iron beds; 2 dressers; floor lamp; kerosene lamps.
Seth Thomas mantel clock; sugar storage jar and spice racks; Speed Queen washing machine.
Wood box; stone jars; pots and pans; set of dishes; glassware; silverware; table and bed linens; pillows; throw rugs; fruit jars; egg case; mirror; old kitchen range.

Farm Machinery

15.5x38 snap on dual wheels
11' JD KBA disc
AC 3x14 mounted plow
AC tractor mount bale loader
AC tractor loader
2 wheel grain cart
AC side delivery rake
Slide in camper
F-20 tractor
1955 Ford pickup
Continental post hole digger
Junk horse machinery
Manure spreader; AC Roto baler; wagon and box; hammer mill; cream separator; pump jack and motor; barrels; cistern pump; garden tools; miscellaneous tools; meat saw; lawn mower.
Stock saddle

Winchester 97 12-ga. shotgun
Terms — Cash Day Of Sale

Eva L. Holt

Auctioneer & Clerk, Marvin Cottrell, Onaga, Ks. Phone 889-4665



Friday, May 12

Starts 10:30 a.m. — Lunch Served
We will sell the following described property at public auction at the farm located 3 3/4 miles north of the north edge of Belleville on 81 Hwy. or 9 1/4 miles south of Chester, Nebr.

Machinery

1949 M Farmall tractor with hyd. and 12 volt
1949 Ford tractor, 4 speed
Ford tractor
1920 Farmall tractor
Massey Harris No. 80 14' combine
2HC front end loader for M Farmall with blade
2014 Ford plow; Ford 3 pt. cultivator
David Bradley 4 wheel trailer with metal floor, box
30' hay and grain elevator
Massey Harris mower for Ford
John Deere Model L spreader, needs repair
Other farm implements and tools

ANTIQUES — FURNITURE

Antique wardrobe; oakleaf wood stove; 2 captain's chairs; dresser with mirror; kraut cutter.

Terms — Cash

MR. & MRS. WESLEY KLABZUBA

Clerk — First National Bank of Belleville
Larry Lagasse
Agenda, Ks. 732-6425
— Auctioneers —
Rollie Lagasse
Concordia, Ks. 243-2215



Saturday, May 13

Starts 10:30 a.m. — Lunch Served
We will sell the following items at public auction located 1/2 mile south of Carlton, Kansas. Note change in starting time.

1961 WD Allis Tractor (good shape)
Bottom Mounted Plow, A-C
Row Mounted A-C Cultivator
JD. Drill with fertilizer attachment, on rubber
New Holland Rake (very good)
JD. 2-row Lister
Row Case Weeder (good condition)
Allis 7-ft. Mounted Mower
New Manure Loader
Springtooth
1961 3-16 Bottom Plow on rubber
1960 Chevrolet Pickup
4-wheel Trailer with grain box
60-gallon Gas Barrel
12-ft. 6-in. Grain Auger with motor
Pickup Stock Rack
Propane 500-gallon Tank
Old Springtooth
Shop Tools
40 Electric Fence Posts
Combine Bin
Pence Charger
Woven Wire
Bundles of Cedar Shingles
Hedge Posts; Used Lumber
Vase

2 Saddles and Harness
Mail Box
200 Bales Prairie Hay in barn
650 Bales Alfalfa in barn
Power Lawn Mower
Lots of Old Iron
15x30 chicken house
30x40 barn; small granary
Kenmore Electric Range
Servel Gas Refrigerator
1 Reclining Chair
2 Divans and Chairs
1 Dinette Table and Chairs
1 Dresser
Kitchen Cabinet
1 Lavatory; 1 Bathroom Stool
Storm Windows and Doors
Square Oak Table, leaves & chairs (good)
Electrolux Sweeper
Old Cupboard; Long Bench
Card Table and 4 folding chairs
Standard Atlas; 2 Gas Heaters
Philco Kitchen Range, electric
Dresser & Bed; 2 Iron Beds
Sewing Machine; 1 Table
Player Piano
Many other articles

Grover McAdams

Marvin Bogart, Clerk
Dwight Long Auction Service, Route 2, Hope, Kansas, Phone 366-7769



Johnny Kaw Says:

"I am happier when I am not too good, aren't you?"

Pre-Emergence & Spraying Eqpt.

UNITS & PARTS
Large Stock On Hand
LAWN MOWERS
Riders — SP — Push

1001 Items
For Farm Needs

Farm & Ranch Supply

422 Court Street
Clay Center, Kansas 67432



DANDELION POISON

Merle Beach, Emmett, is out to eliminate all the dandelions in his yard. "A little time spent around the yard keeps the place looking nice," he said. Beach farms 400 acres and has 50 head of registered Hereford cows. Rain has been keeping me out of the field lately, he added.

Elevator Operators Worry About New Safety Regulations

New state and federal regulations and health and inspection on air quality, occupational safety requirements of grain elevators

were the concern of 592 members attending Kansas Grain and Feed Dealers Convention.

Although agreeing with the need for safe working conditions, many noted the cost of updating elevators in complying.

The question:

"Are the costs of implementing the new government regulations a threat to grain elevator operations today? What other problems does the industry face?"

Henry Lueck, Netawaka, outgoing president — "Yes, a certain per cent might be put out of business. Others will have to spend large amounts of money to comply. The industry recognizes some of these problems that affect employment and public welfare as other industries do. Other problems concern environmental control, freight rates, boxcar shortages at harvest and grain grading. We are sure we will come up with solutions but more than anything else we are concerned with the farmer's prosperity."

K. W. Myers, Galva — "There will be quite a lot of costs involved, but I do think some of the safety standards are good and have been lacking."

Chester LaForce, Moscow — "Yes, every time something comes up... more personnel to hire. Complying with new programs always ups the cost of operations."

Jerry L. Sullivan, Ulysses — "A lot of smaller operations are concerned definitely in updating existing equipment. Revamping older equipment is going to be prohibitive to some of the smaller elevators."

Marvin Esau, Walton — "We don't know just what it is going to be... it could be quite an expense under present proposals."

Charles Summers, Hutchinson — "We are not far enough along to know about some of the corrections we have heard. We will not be able to purchase or make corrections in the time allotted."

Gary Lortscher, Bern — "It appears the government may be relaxing some of the regulations as far as ladder variations. Perhaps the federal government is taking into consideration local and state conditions and this is good. If we have major federal control, let's have state agencies administer these regulations so there will be variances to meet local conditions. It is a threat to the more antiquated elevators, but our economic laws would make this come about."

Anthony Bergkamp, Garden Plain — "The government regulations of the Occupational Safety and Health Act and State Environmental Health Act will cost the industry added investment to implement. The industry really doesn't have the act studied and the information hasn't been in the hands of the industry long enough to really know what is to be required. Some grain elevators will have to do more than others depending on age and location of facilities..."

result in a ban against further use of the growth-stimulating hormone, the cattle feeding industry will have a nonestrogenic compound to fill the breach. It is called zeranol, a mold product.

At the annual Feeders Day recently at the University of Arizona, animal nutritionist Dr. William H. "Bill" Hale reported a trial where zeranol use actually surpassed gains from DES.

Over an 84-day feeding period, 36 milligram (mg.) zernaoln implants produced gains averaging 2.7 pounds per head daily. Calves implanted with 12 mgs. of DES gained at the rate of 2.6 pounds daily. For those fed 10 mgs. of DES daily gains averaged 2.64 pounds. "This was with steer calves that weighed 440 pounds at test start," Hale said.

Zeranol was implanted in each animal's ear, similar to the way DES implants are used. The latter has been under Food and Drug Administration fire, because some medical researchers claim it has

May 9, 1972

produced cancer in mice. Meanwhile, in the trial which included 96 head of calves, one bunch was left untreated as a comparison. They gained 2.16 pounds daily. "Feed requirement per 100 pounds of gain was 754 pounds. For the treated calves, feed saving per 100 pounds of gain was more than 90 pounds," Hale said.

As a companion feature to the test which was carried out at the university's Yuma experimental station, one lot of calves with 12 mg. implants were held in a pen equipped with light. "The lights were turned on for two hours nightly starting at midnight but it didn't help gains. "Maybe calves like humans don't want to be disturbed in the middle of the night," the scientist concluded.

Manufacture of the zeranol used in the Arizona test is Commercial Solvents Corp., Terre Haute, Ind.

NIGHT SALES AT ONAGA Every Wednesday

STARTS 8:00 P.M.

FARM FRESH CATTLE AND HOGS

Onaga Community Sale

Marvin Cottrell, Phone 889-4461 or 889-4665, ONAGA, KS.

Real Estate Auction

We will sell at public auction, real estate located 1½ miles north of Wamego, Kansas on Highway 99 to the State Park.

Saturday, May 27th — 10 a.m.
21 Acre Tract North Of Wamego

LEGAL DESCRIPTION — A tract located in Section 32, Township 9 south of Range 10 East in Pottawatomie County, Kansas.

GENERAL DESCRIPTION — This tract consists of 21.35 acres more or less, all native grass with three ponds, a good well with a 34 HP submersible pump, a septic tank, a pressure tank, natural gas line through property. Choice location just on north edge of Wamego, Kansas.

TERMS — Twenty percent down on day of sale when contract will be signed, balance on approval of merchantable title and possession will be given on final settlement or before July 1, 1972. 1971 taxes will be paid by the seller and the 1972 taxes will be pro-rated as based on 1971 taxes. Any statements made day of sale take precedence over any advertised statements made prior.

Mr. & Mrs. Larry Evans

Real Estate Sold By The Harold Carlson Agency, Manhattan, Kansas
Lawrence E. Welter, Auctioneer-Salesman

POSTPONED

Due to weather conditions, this sale was postponed from Sat., May 6, to



Saturday, May 13

Starts 12:30 Noon

I will sell at public auction at my home located 2½ miles south of Oketo, Kansas, or 2 miles east and 5½ miles north of Marysville.

**Tractors & Implements — Antiques
Household Goods & Miscellaneous**

For Complete Listings See Grass & Grain May 2

Mrs. Herbert Krous

Kooser Auctioneering Service, Topeka, Kansas
Harold Kooser & Dick Carlson, Auctioneers

BONDED

Sale Every Wednesday

SALE TIME
12:00 NOON SHARP

CATTLE and HOGS

We had a good run of livestock again this week. Butcher hogs sold from \$23.00 to \$23.35. Sows \$19.70 to \$20.50. Weaning pigs \$18.00 to \$28.50. Cattle market was active with a good demand. Baby calves sold from \$45.00 to \$110.00. Lightweight calves \$122.50 to \$145.00. Charolais

breeding bulls \$510.00 to \$530.00. Cows and calves \$358.00 a pair. Bologna bulls \$28.60 to \$29.90. Cows \$23.00 to \$26.20.

Following is a partial listing of our sale last week:

STEERS
char 348 @ 48.00
blk 339 @ 46.30
wf 975 @ 35.80
wf bulls 506 @ 40.60
wf 700 @ 38.75

HEIFERS
char 585 @ 34.40
char 320 @ 42.40
char 435 @ 37.00
blk 375 @ 37.00
bwf 362 @ 37.90
blk 474 @ 36.60
blk 525 @ 36.25
wf 370 @ 39.50

**blk 784 @ 37.50
blk 556 @ 39.60
blk 539 @ 39.80
wf 430 @ 46.75**

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

Auctioneer
ROLLIE LAGASSE
243-2215
Concordia, Kansas

Concordia Sales Co.

CONCORDIA KANSAS

Diethylstilbestrol Has Replacement, A Mold Product

TUCSON, Ariz. — Should the current campaign against improper use of diethylstilbestrol (DES)

DALE'S WESTERN STORE

Your Western Wear Headquarters



**BOOTS
TACK
WESTERN
CLOTHES
& HATS**

SADDLES

Longhorn — Simco

**FOR HORSE TRAILERS
SEE MAX STOWELL**

Complete Selection
FOR THE WESTERN MAN
and Woman

108 S. Third
MANHATTAN, KANSAS



Saturday, May 13

Starts 10:30 a.m. — Lunch Served
121 W. 7th St., Chapman, KS.

As we are selling our home we will sell at public sale our personal collection of antique furniture and misc. to include:

ANTIQUE

Round oak clawfoot table
Square oak table; cut down oak table
Walnut dresser
Secretary
Dropleaf table
Set of 6 chairs captain style
Buffet; 2 wardrobes
2 Bentwood chairs
Large walnut chest
Clawfoot dresser
Large mirror
Maple dressing table
3 wash stands
Two brass beds, very nice
Deacon bench
Pair highback engraved chairs
Wicker baby buggy; organ stool;
Seth Thomas clock; old frames and pictures; 5 gal. Bentwood churn; 5 gal. 3 legged wood churn; several kerosene lamps.
Gone With The Wind Lamp, old; Tiffany hanging lamp, leaded shade; walnut whatnot shelf; antique trunk redone; wicker rocker; kitchen cabinet;

two old radios; spittoon; sad irons; metal toys; cast iron horse and buggy; apple peelers; peanut jars; ice cream dishes.
A lot of granite ware; antique crystal; pink glass pitcher and glasses; other antique dishes; fruit jars; stone crock and many other misc. antique items. This is not a dealer but a personal collection of many years.

Modern Furniture

Like new 3 pc. sectional divan; 3 pc. bedroom suite; 2 sets of mattress & springs; chrome dinette table & 6 chairs; utility cabinet; 3 1/2 x 12 wool rugs; 2 room dividers; magazine rack; window fan; round coffee table and end table; Westinghouse refrigerator; Tappan gas range; Kelvinator automatic washer; portable sewing machine; two glassware; dishes; utensils; two wheeled trailer, good; many other articles.

Terms — Cash

Mr. & Mrs. John Gard

C. W. "Bill" Crites Auction Service, 339 W. 6th St., Junction City, KS.

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Hog Men
OTICE
HOG BUYING
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CHANGE AT
ESKRIDGE

As Of May 8
We Are Buying
Your Fat Hogs
Every Monday
Instead Of
Wednesday
at Eskridge

we buy fat hogs at Manhat
Eskridge and Alta Vista
without charging commis
m. We weigh them im
ately upon arrival. Why
your hogs and shrink
when you can sell them
arriving weight with no
mission to pay and make
net profit per hog.

For More Information
Call Us At Manhattan
913-776-4815
Manhattan
Commission Co.
Manhattan, Kansas



REPAIRS
Harry Klocke, Blue Rapids, and his father, Martin, are fixing
on part of their 200 acres of pasture. They will be
their cattle on pasture after the first of May. "We're
to expand but it's hard to find ground in our area,"
said.

Farm Family
1972 Named

Claude L. Kerl family of
Kan., was named today
er of the 1972 Kansas Farm
the Hungarian govern
of the Year award.
American Here
award was presented to the
by Earl Butz, U.S. Secretary
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Hog Men
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HOG BUYING
DAY
CHANGE AT
ESKRIDGE

As Of May 8
We Are Buying
Your Fat Hogs
Every Monday
Instead Of
Wednesday
at Eskridge

we buy fat hogs at Manhat
Eskridge and Alta Vista
without charging commis
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when you can sell them
arriving weight with no
mission to pay and make
net profit per hog.

For More Information
Call Us At Manhattan
913-776-4815
Manhattan
Commission Co.
Manhattan, Kansas

impress it upon him.
• Improved acquaintance with
the commodity market by potential
traders and their brokers. There
was a time when an Easterner who
read the commodity futures table in
his morning paper was just vaguely
aware that those prices had been
agreed upon the day before by
several hundred men yelling and
gesturing at one another across an
octagon of wooden steps. Today
Merrill Lynch, Pierce, Fenner &
Smith, Inc., has a console in its Wall
Street office that is hooked up to a
computer on Long Island that will
deliver in a fraction of a second a
chart of the price of wheat, wheat,
calculations of the technical and
fundamental factors influencing
that price and a forecast of where
the price will go.

• The vastly widened range of
products being traded. Previously
the future markets were limited to
grains butter, eggs, cotton, wool, the
important metals, sugar and cocoa
— and not much else.
Holding the center of the com
modity stage now is the soybean.
Here in the commodity trading
capital of the world the soybean has
dethroned both wheat and corn. Last
week, 189,500,000 bushels of
soybeans were traded. At \$3.50 plus
a bushel that is close to \$665 million
worth of soybeans.



SHORTHORN SHOW QUEEN
Kathy Stauffer reigned as queen of
the Mid-America Shorthorn Show at the
Agriculture Hall in Salina. She is the
daughter of Mr. and Mrs. H. D. Stauffer,
Salina RFD 3.

Laser Used To
Determine Distance
Newton — a 115-mile geodetic
survey using a laser instrument is
under way along I-35 and U.S. 50 in
this 5-county area.
The laser employs a light beam to

determine the distance between the
90 geographic positions that will be
established for use in highway
planning.
This task, which only a decade
ago, was performed by tape, now
can be carried out with such ac
curacy that error is reduced to half
an inch a mile. The five counties are
McPherson, Marion, Harvey, Reno
and Sedgwick.
The work is being done by the
National Geodetic Survey for the
State Highway Commission at night
when atmospheric distortion is at a
minimum.
Temporary portable steel towers,
some reaching a height of ten
stories, will be raised over some of
the geographic positions, so the

May 9, 1972
surveying party can obtain a direct
view over trees and other ob
structions. Wooden stands will be
used on overpasses.
The survey started from
established control points in the
national geodetic network. The
geographic positions that are
established will enable engineers to
plan the alignment of highways with
a high degree of accuracy and to
prepare construction maps from
aerial photographs.
Routes being surveyed, are from
McPherson through Newton to
Wichita on I-35 and from Hutchinson
through Newton to Florence on U.S.
50

Have We Got Carpet?
Lots & Lots of it at Surplus City
1000 YARDS OF
INDOOR - OUTDOOR — Per Sq. Yd. \$1.69
SEVERAL COLORS OF
RUBBER BACK SHAG Per Sq. Yd. \$3.49
RUBBER BACK FOR
KITCHEN & COMMERCIAL Per Sq. Yd. \$3.50
For a Nickel Each, You Can Afford To
Mess Around These Piles Of CARPET TILE
To Pick Out What You Want
PECAN PANELS, 4x8, each only \$2.49
CHOCOLATE CANDY - YUM! YUM!
Lb. 49c - 5 lbs. \$2.25 - 10 lbs. \$3.90
Get YOUR PIPE AND OTHER SUPPLIES
YOU NEED FOR GATES, ETC. AT
SURPLUS CITY
Just South On Old US 77
HERINGTON, KANSAS Phone 913-258-2616

SPECIALS — ALL KINDS
Baling Wire — 6500 American made **\$11.75**
Barbed wire — 80 rod roll, American made **\$12.50**
5½' steel posts, heavy duty, ea. **\$1.15**
6' steel posts, heavy duty, ea. **\$1.25**
32" field fence — 832-6-12½ — 20 rod reel **\$26.35**
MACHINERY
John Deere R spreader, very good **\$300**
John Deere 4 section rotary hoe with cable hitch **\$325**
John Deere 224WS wire tie baler, 1969 Model,
with Farm Hand accumulator. We sold both
new — A good machine **\$2495**
IHC 3x14 fast hitch plow **\$150**
John Deere 24T twine baler, good **\$895**
New Holland 56B side delivery rake, good **\$450**
Combine tire, 18.4x26" tires, tubes & wheels,
nearly new (wide base) fit AC, John Deere
& Massey — all **\$300**
"G" John Deere tractor, lots of service **\$395**
Grain-O-Vator Model 55 with airplane tires and
end gate **\$1295**
FARMHAND — FOSTER — LILLISTON
CALL COLLECT 913-238-4103
JOE BOWMAN — JUNCTION CITY — BUD ANDERES
BOWMAN'S
GMC TRUCKS — JOHN DEERE
Your Junction City—Manhattan Area John Deere Dealer

Farm Market,
Commodity Market
Tied Together

Speculators who play the com
modities markets believe this is the
year. This year's level of activity is
already far above 1971's.

These investors believe that ex
pansion rests on four developments.
Farm market prices are one of the
risks these armchair farmers are
willing to include.

• The growth and rising affluence
of the country as a whole. Even if the
proportion of traders in the
population has not changed since
1950, because of the rise in
population there would be four
commodity traders now for every
three then. Furthermore, each of
them has about three times as many
dollars to risk in the market now.

• The declining number and
growing size of farms. Farm output
has more than kept pace with rising
demand of the last 25 years, while
farm population has fallen 60 per
cent. When a farmer's sows
farrowed a dozen piglets he might
take his chances with the market;
when his sows farrow 400 piglets he
must find someone to share his price
risk. If he does not come to this
conclusion by himself, his bank will

TRACTORS
JD 3010 diesel, fully loaded, clean
1965 4020 John Deere diesel, solid tractor. **\$285**
IHC H, good **\$250**
1944 JD A, excellent **\$250**
MISCELLANEOUS
JD No. 16 2 planter swinging hitch, attaches to 4020 tractor.
Can also be used to pull two disc harrows **\$325**
Used Waldron bulk dozer, hookup for 4020 or 4320. Excellent
..... **\$735**
1240 JD 4 row plateless planter, condition excellent **\$875**
JD 802 4 row rotary moldboard lister with fertilizer, real good
..... **\$995**
Like new JD mower, 3 point **\$365**
Year old JD 614 flexible rotary hoe **\$695**
Like new JD 800 windrower, water cooled engine, crimper,
canvas platform **\$3300**
Due in — JD 880 windrower, hydrostatic drive, cab with air
conditioner **\$1045**
JD 5x14 F145 plow with anti-friction coulters. Condition ex
cellent **\$850**
JD 12' BMB hay saver, reconditioned **\$750**
Like new John Blue squeeze pump for liquid fertilizer.
3 pt. heavy duty Massey-Ferguson 6' rotary mower **\$295**
4 row John Deere 71 Flex Planter **\$475**
8 rows Gandy insecticide boxes **\$25 per box**
JD No. 38 chopper, 2-row head **\$2500**
NEW BARGAINS — Coming Due And Must Sell
Two JD 6 bottom semi-mounted plows
WE ARE DEALERS FOR
Bear Cat Grinders
Mott Mowers
GB Loaders
Servis Equipment
Flex King Plows
BMB Rotary Cutters
Lilliston Rolling Cultivators
McCulloch Saws
Concordia Tractor Inc.
CH 3-3381 Concordia, Kans.

