

# This 'n That In Agriculture

Clarence Schmadeke, County Agent  
Pearl Schultz, Home Agent

### SUDAN GRASS KEEPS PRODUCTION UP

Sudan grass pasture can help keep dairy herd's milk production up during summer droughts when blue grass and bromegrass production go down.

Agronomists at the University of Nebraska say that seeding made up to July first can be expected to give good returns. The seed should be broadcast or drilled in at the rate of 15 to 20 pounds per acre.

They point out that sudan grass is drought-resistant and thrives in the hottest weather. Its succulent forage is relished by livestock.

To make thick, cow-filling growth, sudan needs plenty of plant nutrients. The agronomists recommend adding a fertilizer carrying nitrogen, and also phosphate if needed.

Two or three different seedling dates may be desirable, so the first batch of pasture may be grazed down before the second is ready. On average soils, sudan grass will carry two full-grown cows per acre for two or three months.

It's a good idea, says the agronomists, to keep the stock off sudan pasture until it is about 18 inches high and has taken on a dark green color. That is a precaution against prussic acid poisoning.

Experimental work at the Nebraska Agricultural Experiment Station shows that Piper and Wheeler varieties are considerably lower in prussic acid content than Texas Sweet.

Sudan grass can be grazed relatively hard, and it lends itself well to rotation grazing.

The Pure Food and Drug Administration is demanding that cleaner grains be used for the

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Many cooked foods are semi-liquid and these are best packaged in rigid containers made of moisture-vapor proof materials such as aluminum, glass pottery, plastic, plain or enameled tin, or moisture-vapor resistant material such as heavily waxed cardboard. Some prepared foods, like meat pies, may be frozen in the containers in which they are baked ready for reheating at the time of using.

### KEROSENE CUTS SOAP SCUM QUICKLY

The scum that forms on lavatories and bathtubs when soap is used with hard water may be removed easily and quickly by wiping the surface with a cloth moistened with a few drops of kerosene.

### Meats for the Middle Years—Protein At Every Meal

The protein in every cell of the body must be replaced in older, just as in younger, persons. A liberal amount of high-quality protein from milk, cheese, eggs, fish and meat should be provided in the diets of all age groups. It would be ideal if at least one of these foods were served at every meal, with liver and fish each served once a week. In addition to milk, there should be included everyday a few more servings of protein food.

There was an old-fashioned notion that people needed less protein as they grew older. Modern science has proved that protein and the B vitamins actually delay aging. Since meats are excellent sources of both protein and B vitamins, they should be included in some form in the

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# CASS County FARM NEWS

## Specialization in Hogs Makes Profit for Minnesota Farmer

How can the small farmer stay in business in view of the unfavorable balance between prices of the things he sells and costs of the things he buys?

Clayton Johnson, a St. James, Minnesota, farmer, found one answer to this situation. He specializes in hogs. The June issue of Successful Farming magazine tells how he does it.

Johnson is buying 80 acres of "run down" land that was so unproductive that a friend commented he would not pay \$20 an acre for it. He is buying the land because the buildings on it could be adapted for a program that would produce 400 or 500 hogs a year without hired help, yet with time off for vacations and family weekend.

He adopted a three-point program for his hog specialization, including management, marketing and research.

The management program was one of converting his farm buildings — three cattle sheds and a large tile-block henhouse — to production use. The henhouse became a farrowing house. Twice-a-year farrowing is used, for Johnson believes he can get the most for his hogs

### NEWS NOTES

#### 4-H Judging Day June 21

Thirty-Six 4-H Home Economics clubs have been organized in Cass County this year with a total of 531 Home Ec projects.

Twenty-seven 4-H Agricultural clubs were organized with a total of 365 projects.

Our first sub-district meeting for the summer will be a 4-H judging training day at Lincoln on Tuesday June 21, starting at 10:30 a.m. Judging will be held in the following divisions: animal husbandry, dairy, foods, clothing and homemaking.

The Lincoln Jaycees will provide ice cream and cold drink at noon. Plan to bring your own lunch. 4-H'ers and leaders are urged to attend.

### Cooperative Digestion

A good digestive system is one the owner never is aware he has. It deserves great consideration and kindness. The following rules are well worth following through the years:

1. Keep mealtime cheerful. Be relaxed and take your time to eat.
2. Eat four or five times a day — but small, regular meals — no nibbling. Be sure to eat a good breakfast. A glass of milk might be one meal. A dish of applesauce and some whole wheat bread spread with cottage cheese might be another. (Seven-course dinners are ancient history.)
3. Avoid sweets and starches as between-meal pick-ups.
4. Drink plenty of liquids, especially between meals.
5. Reduce amounts of fried foods, pastry, cream, butter and all rich and highly seasoned foods.
6. Do not gulp and gobble. (Perhaps the dentist really can make better teeth than your natural ones.)
7. Never eat heavily when tired or out-of-sorts. (Fruit juice is a good "picker-upper.")
8. Try not to acquire the notion that this or that food does not agree with you.
9. Do not eat too many foods at one meal or too much of one favorite food.
10. Never "dose" yourself — not even with baking soda. Advice given on indigestion over the radio or the back fence is likely to be better for some one else.

It's more enjoyable to live out the years than to "rock" them out. Pearl L. Schultz, Home Extension Agent.

### FEDERAL OUTLAYS

According to a study by Dr. M. Slade Kendrick, professor of Economics and Public Finance at Cornell University, in the last 150 years the Federal Government has grown more than ten times as fast as the economy. In recent years the Federal Government has cost the country more than ten per cent of its gross national product as compared to 1799 when Federal expenditures cost a little more than 1 per cent of the total of production and services. All figures are adjusted to the changed-value of the dollar.

### RUNAWAY FISH

OSLO, Norway — The occupants of a small Norwegian fishing boat had the wonderful luck of having 100 tons of herring fill their purse-seine to capacity. However, the self-congratulations of the fishermen was short-lived. Suddenly, the fish took a sharp dive, taking the boat under with them. A little later, both the purse-seine and the fishermen were able to retrieve their catch and take it safely to the canning factory on shore.

A Classified Ad in The Journal costs as little as 35 cents

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### Outdoor NEBRASKA

by Wally Green, Nebraska Game Commission

Every fisherman in the State of Nebraska is casting a wistful eye at the weather reports waiting for good fishing weather. Already some have been casting more than an eye, as early spring-like weather gave them a chance to get some good fishing in.

Swanson reservoir, in Hitchcock county near Trenton, was opened to fishing for the first time this year. Fishermen there have been having excellent success. This reservoir promises to become a favorite fishing spot for bass, crappies, walleyes, northern pike, catfish and bullheads.

The Republican river reservoirs, of which Swanson is one of four, are the newest series of major reservoirs in the state of Nebraska. Swanson reservoir, along with Harlan and Medicine Creek, renamed Harry D. Strunk reservoir, offer hundreds of acres of excellent fishing waters to Nebraskans in the south central part of the state. Many Kansas residents also come across the state line to fish in the Republican watershed reservoirs.

All of these reservoirs have been constructed since World War II and are primarily flood control and irrigation reservoirs. Most types of warm water fishing can be found in these reservoirs. Bass, walleye and northern pike, crappies, bluegills, catfish and bullheads are the more common game fish taken. Some of the best catfishing in the state is found along the Republican river and in the reservoirs.

One drawback to a fishing trip to the Republican river reservoirs is the lack of accommodations. If you do not have camping equipment, you had best arrange for reservations in the nearby towns. However, boats and bait are available from concessionaires at some of the reservoirs.

Following is a list locating the four major Republican reservoirs and giving the distance to their respective county seat towns.

Enders reservoir, 8 miles from Imperial in Chase county.

Swanson reservoir, 4 miles from Trenton in Hitchcock county.

Harlan reservoir, adjacent to Alma in Harlan county.

Harry D. Strunk (Medicine Creek) reservoir, 3 miles from Stockville in Frontier county.

Anyone wishing to make overnight reservations may get a list of the accommodations from the local chambers of commerce.

### WORLD TRADE SETUP

The Administration plans to ask Congress to approve United States entry into a new, permanent international organization aimed at lowering world trade barriers. A blueprint for the new body, to be called the Organization for Trade Co-operation, has been drawn up by 44 nations at Geneva. These nations handle 80 per cent of world trade.

### Plattsmouth Pork Producers

met at the home of Jay Speck May 21. The meeting was opened by the president, the club members giving the flag salute and the 4-H pledge. We discussed the uses of the carvass slappers that Mr. Schmadeke gave us to sell.

All the boys took part in the demonstration of vaccination of Jay's pigs. After the close of the meeting, Mrs. Speck served a delicious lunch.

The next meeting will be a family picnic on June 18, at Charles Stoehr's home.

### 36 Bus Loads Unhappy Farmers Hustle Washington

During an 8-week period last winter 36 busloads of unhappy farm voters from 18 states descended on Washington, D. C. They had two purposes to protest farm prices and to tell Department of Agriculture officials how they want farm programs administered. Their trip was sponsored by the National Farmers Union.

A farm writer who accompanied a group of North Dakota farmers to Washington reports what happened to that group in the June issue of Successful Farming magazine.

When the North Dakotans arrived, after a two-day, two-night almost nonstop bus trip, they found four other busloads of farmers in town. One load each had come from Illinois, Indiana, Pennsylvania, and Texas. National Farmers Union President James G. Patton stated their purpose in these words: "You are embarked on a trip to exercise one of your most precious democratic rights—the right to petition your national government for the redress of your grievances."

The petitioned — verbally. The five busloads made an early stop for a meeting with U.S.D.A. officials in the department auditorium. They made their wants known to Undersecretary of Agriculture True D. Morse and R. E. A. Administrator Archer Nelson.

The bus-trippers carefully planned meetings with their own congressional delegations. First, they made appointments to avoid waste of time and embarrassment. There could be no afternoon visits since House and Senate were both in session, and morning visits had to be sandwiched in between committee meetings and other business. Each group decided what points to bring up to respective Senators and Representatives on the evening before the visits. To prevent speaking, each group worked out a supply of pertinent questions.

The North Dakota group had only two senators and two representatives to visit, so it split up and made "courtesy calls" on Congressmen from states not represented by Farmers Union bus-trippers.

Results of the Farmers Union bus-tripper program may never be recorded in terms of votes, changed or influenced, but one Union staff member pronounced it better than "anything any other farm organization is doing."

### New Self-Help Farmers Plan In Referendum

Farmers this summer will be watching the results of a referendum to be submitted to qualified sheep raisers. The measure will determine whether Section 708 of the self-help section of the 1954 National Wool Act will be put into operation.

This section would set up under the government a self-help promotion fund to boost lamb and wool consumption.

The June issue of Successful Farming magazine calls this measure, if passed, "a fresh page in agricultural history." It means that the farmer is catching up with himself. Farmers are producing some of the most remarkable products on the market. But they have spent more effort in learning how to grow them than in learning how to move these products to the consumers where they are needed.

Many believe the act, with its new program for sheppens, offers a blueprint for other farm groups.

The National Wool Act went into effect in April, 1955. Under it, wool will be sold on the open market for the best price that can be had. If this is below the incentive price that has been set for the year, the difference will be made up in a lump payment after the end of the marketing year. For the 1955 wool clip, this incentive price has been set at 62 cent a pound. The payments, if they are needed to bring farm returns up to this level, will be made after March 31, 1956.

The referendum concerns only the self-help part of this act. If sheep raisers vote this plan into operation, the Secretary of Agriculture will be authorized to hold back a cent a pound from payments to wool producers. This cent a pound will go to the newly formed American Sheep

### Producers Council which will use it in a promotional and advertising campaign aimed at consumers.

The Council plans to set up Chicago offices. It is a 100 per cent farmer-operated concern. Its board of directors includes only sheep producers. It has received the support of seven organized farm groups, including both the National Grange and National Farmers Union.

# REVIEW

THE PLATTSMOUTH, NEBRASKA, SEMI-WEEKLY JOURNAL  
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### Meat Cost Versus Time Saved

The Bureau of Human Nutrition and Home Economics of the United States Department of Agriculture has released figures to indicate comparative costs of preparing various types of meals with the amount of time consumed in preparation.

The study was based on the cost of meals for one day for a family of four; and included home prepared, partially prepared and ready-to-serve meals.

Those homemakers who have more time than income understandably prefer to buy their food supply in rough form, but more and more the trend is toward packaging of food items in small units and with much of the labor of preparation taken out. This latter type of food retailing appeals to the homemaker who has a busy schedule of activities outside her home or one who is an active career

woman. Partially-prepared and ready-to-serve foods do not have the wastage of rough purchases.

The home economics scientists found that ready-to-serve foods cost one-third more than home prepared foods, but took only one-fourth as much time. Meals made up of partially prepared foods were a sixth higher, in cost and saved about half the time used in complete home preparation of meals.

The additional cost in ready-to-serve and partially-prepared foods is in the labor necessary to preparation, packaging and the cost of special techniques of handling. This additional cost in the minds of consumers is less important than time involved in preparation of rough foods. The researchers decided that time required for the extra preparation of rough foods in the home was worth about 45 cents an hour to the average homemaker. Perhaps it is not surprising the ladies prefer to let someone else do the job.

The Bureau of Human Nutrition and Home Economics found that on a dollars and cents basis, it costs \$4.90 a day (average) to feed a family of four home prepared foods, but required 5.5 hours of labor on the part of the homemaker. Partially prepared foods for the same four-member family costs \$5.80 and takes 3.1 hours of time. Ready-to-serve meals for four cost \$8.70 for four and require 1.6 hours in preparation. Included in the costs are: fuel; cost of the food; preparation; cleaning up and serving time; and watching time.

The McDonnell XV-1, a converti-plane, twice has made the successful transition in tests from helicopter to conventional forward flight.

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