

WITH THE MALHEUR COUNTY FARMERS

FARM TOPICS

FIND GRASS TONIC FOR ANIMAL LIFE

Nature's Gift Ranks With Sunshine, Air, Water.

By G. T. Klein, Extension Poultry Specialist, Massachusetts State College, WNU Service.

Poultrymen are going back to nature as a result of recent findings in scientific laboratories. We have found that short tender grass is one of nature's greatest gifts to animal life, ranking in importance with sunshine, air and water.

Chickens and turkeys which receive a liberal quantity of finely-cut tender grass every day throughout the growing period, in addition to a well-balanced grain ration, appear to develop a resistance to certain diseases and parasites. They usually grow more rapidly and consume less grain than do birds reared on a grass-free diet.

The cultivated grasses, such as oats, barley, Sudan, wheat, and rye, when grown on fertile soil, are high in protein, contain about 15 minerals, and all the known vitamins except D. Use of oat plants as much as possible during the year is recommended since these plants are palatable, easily grown and yield a high tonnage.

Where time does not permit cutting and feeding the grass daily, the next best practice is to have the grass available for the birds to range in during the growing period. A combination of the two systems gives excellent results. The main point is to feed the grass when it is young and tender.

The growing of green feeds for poultry seems to offer a way of reducing growing costs and building healthy, vigorous bodies capable of resisting disease and giving greater performance. Because of the saving in grain feeding, good pasturage is now considered to be the most valuable feed crop grown on the poultry farm.

It Takes Time to Clean the Range for Chickens

Clean range for young chickens is good insurance, according to H. L. Shrader of the United States Department of Agriculture. "Clean range," however, does not mean mere neatness and removal of scraps and refuse. Time is the main "cleaning" factor—and it takes 2 years to make a range clean enough to be safe.

Shrader defines a clean range as "one that has been free of chickens for at least 2 years and one on which poultry manure has not been spread." In 2 years, poultry parasites will die for lack of a chance to multiply. A clean range, free of parasites, gives young chickens a chance to grow without a handicap. An ideal range, Shrader adds, also supplies plenty of shade for the hot summer months and an abundant supply of succulent green feed and fresh water that is not contaminated by parasites.

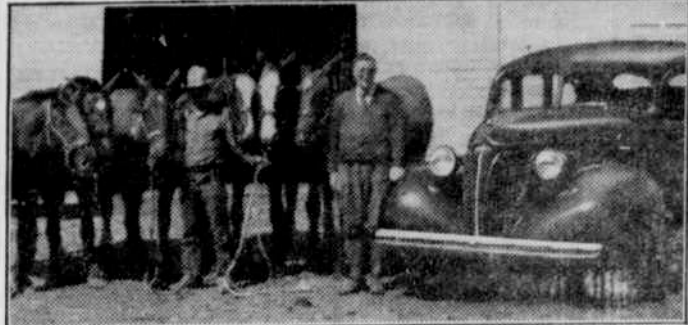
Calves on Wire

The big problem with little bossy is to keep her dry and out of drafts until she gets well accustomed to this strange world. A wire floor in the calf pen is one way in which to keep the baby dry, says Hoard's Dairyman. Use one-half inch mesh sandscreen on 2 by 4 or 4 by 4 frames. Use No. 9 wire stretched both ways every five inches underneath the sandscreen. The frames should be made in sections about 3 feet square so that they may be removed for cleaning.

HAS MANY CATTLE

Cherry County, Nebraska is the leading cattle county of the United States, according to Census Bureau reports.

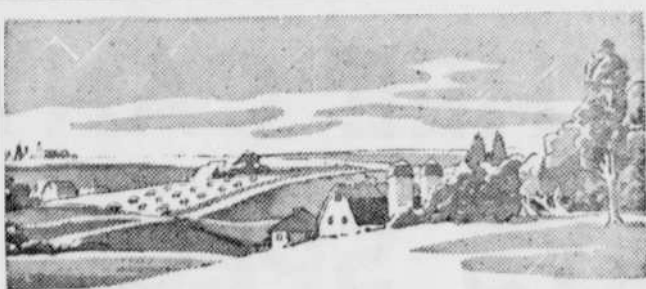
One Trade-In Puts Auto Dealer In Horse Business



Kermit Wilson, Paradise, Oregon, farmer gave six horses for his down payment on a new Hudson 112. He thought that six horses for \$3 horsepower wasn't such a bad trade.

Automobile dealers in agricultural sections of the country don't have the same kind of trade-in situation that confronts those in the metropolitan centers. Whenever city dealers take something "in trade" on a new automobile, it is almost invariably a used car. But where farmers provide the greater part of the motor car market, the trade-in is liable to be a horse, or a cow, or some farm commodity that has a ready resale value. However, the Hudson Motor Car Company's advertising department is faced with a real problem if there is to be much repetition of an experience reported by the Hudson dealer in LaGrande, Ore. It will be necessary for the men who write the used

car advertising copy to forget about wheelbases and balanced crankshafts and such, and learn something about fetlocks and pasterns. When a Hudson 112 sedan was sold recently to Kermit Max Wilson, a farmer living near Paradise, Ore., the trade-in was, believe it or not, six horses. In the matter of horsepower received, Mr. Wilson got all the better of it, as his new car gives him 83.



MALHEUR COUNTY GRANGE CALENDAR

Boulevard Grange meets second and fourth Thursdays at 8:00 p. m. Frank Sherwood, Master.
Big Bend meets first and third Tuesdays at 8:00 p. m. H. R. Hatch, Master.
Vale Grange meets first and third Friday at 8:00 p. m. Ed Charles, Master.
Oregon Slope Grange meets first and third Thursdays at 8:30 p. m. James Danielson, Master.
Harper-Westfall Grange meets second and fourth Fridays at 8:00 p. m. Charles Belgrade, Master.
Arock Grange meets second and fourth Saturday at 8:00 p. m. Ted Hon, Master.
Wild Rose Grange meets second and fourth Saturdays at 8:00 p. m. Arthur Antrium, Master.
Eldorado Grange meets second and fourth Fridays at 8:00 p. m. at Ironside, Floyd Howard, Master.
Snake River Grange meets first and third Tuesdays at 8:00 p. m. Mr. Parkins, Master.
Kingman Colony Grange meets second and fourth Mondays at 8:00 p. m. Mr. Anderson, Master.
Oregon Trail Grange meets second and fourth Wednesdays at 8:30 p. m. John Stamm, Master.
Willowcreek Grange meets second and fourth Fridays at 8:00 p. m. I. O. N. Grange meets first and third Fridays at 8:00 p. m. Neoman Mackenzie, Master.

OREGON RETAINS LEAD IN BANGS DISEASE TESTING

Oregon stands second on the list of the states in the percentage of breeding cattle under official supervision of bangs disease and third on the list of total number of such cattle under such supervision, according to the latest summary of control work just issued at Washington, D. C.

Oregon with 75.5 per cent under test is second only to Virginia, with 79.8 per cent. In actual numbers, Virginia is fifth, with Wisconsin first, Wisconsin, which leads in total numbers, has only 32.9 per cent of its total breeding cattle under supervision.

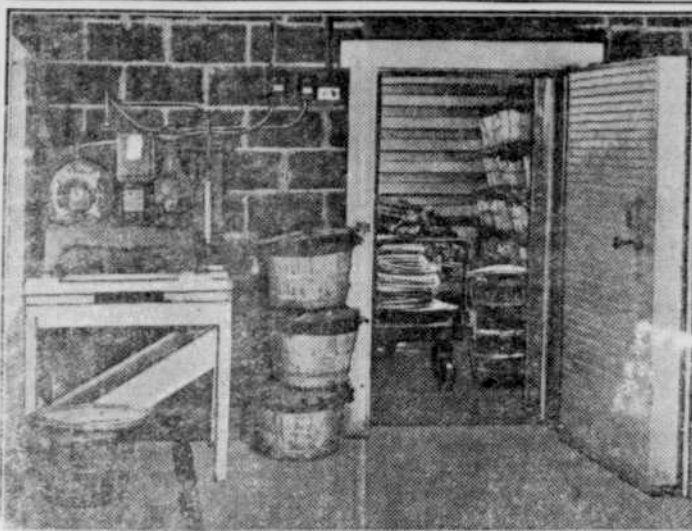
The advance work of the Oregon experiment station with bangs disease long before the federal program was inaugurated is credited with helping keep Oregon in the lead in bangs disease cleanup.

National reports show that the federal-state campaign to clean up bangs disease in cattle has made as much headway in less than four years as the bovine tuberculosis campaign revealed the possibilities of disease control and because more money has been available, the national officials say.

CHEAP VETCH SEED BEST USED FOR COVER CROPS

Oregon-grown vetch and pea seed which becomes mixed either as varieties or otherwise could profitably be used within the state for soil improving purposes, rather than placed on the out-of-state seed markets, says E. R. Jackman, extension agronomist at Oregon State college.

Electric Cold Storage Keeps Farm Produce Always Fresh



With a cold storage room, market-fresh produce is available all year.

By IRA MILLER

Rural Electrification Bureau

ALTHOUGH an electric refrigerator is considered a hot-weather necessity on practically every farm having high-line power, its capacity naturally is limited to the food which the household will consume in a relatively short period of time. The problem of safely storing excess meats, poultry, eggs, dairy products, fruits and vegetables for future use, or to sell at higher markets, is one that must be solved in some other way.

Cold cellars and similar makeshifts are unsafe for meats and poultry and result in much spoilage and loss in quality of practically all other produce. On dairy farms which are so equipped, the "walk-in" type of milk cooler generally is sufficiently large to provide ample storage space for all family needs and, frequently, for marketable surpluses as well.

Community cold storage plants are being built in ever-increasing numbers but some of them have certain disadvantages especially in so far as the fruit and truck farmer is concerned: The average locker may be too small to permit the keeping of more than a nominal quantity of food-stuffs; the temperature may be considerably below freezing, thus causing ice crystals to form in the cells which, when thawed, results in soft, flabby fruits and vegetables; and the customer usually must deliver and

withdraw the produce himself, thus necessitating repeated and often long trips.

The best solution is to install an electrically-powered cold storage cabinet or room on the farm where it not only is immediately available but also where temperature and moisture can be accurately controlled to fit conditions. If not too large, the cabinet can be purchased ready made, built to order at the factory or constructed on the farm with the help of an experienced carpenter. Large storage rooms naturally must be erected on the farm.

Including the refrigerating unit and cabinet or room, walk-in cold storage will cost approximately \$5.00 to \$6.00 per cubic foot of space if built on the farm and \$6.00 to \$8.00 if purchased ready made or built to order. At three cents per kw.-hr., the average power cost throughout the year for these refrigerators is about \$3.00 per month for each 100 square feet of outside area—much cheaper than any other means of safe and satisfactory cooling.

Complete information on cold storage— which, maintaining temperatures of from 34 to 40 degrees and a moisture content in the air of 80 to 85 per cent, keeps all foods fresh and sound almost indefinitely—can be obtained, without cost or obligation, by writing to the manufacturers or to the extension division of your state college or university.

Such seed, which has to be sold at a lower price, often demoralizes the general market, while if it were used within the state, it would not have this effect. The mixed seed is just as good as pure seed for use by Oregon orchard men in planting fall cover crops. A dollar and a half spent for this cheap cover crop seed will bring better returns than \$10 spent for commercial fertilizers, says Jackman.

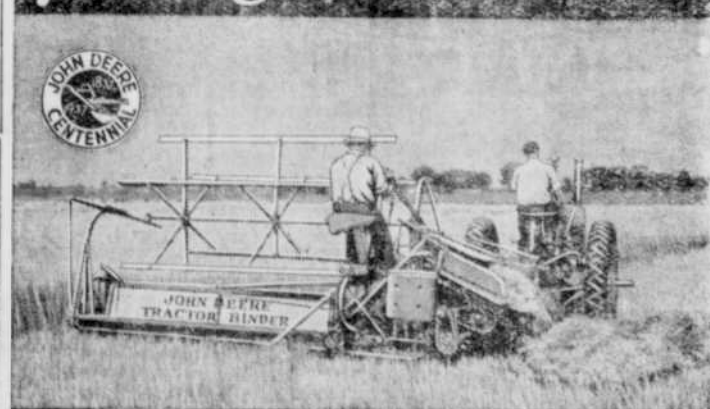
NYSSA OWYHEE CANYON DAYS
JUNE 23-24-25.

Emily Otis and Elbert Hatch returned Friday night from Corvallis where they attended 4-H summer school. They had a wonderful trip.

AMERICA'S SWEET TOOTH

Americans spend about \$314,000,000 a year in candy and confectionery stores, according to Census Bureau reports.

Speed Up your grain harvest



JOHN DEERE TRACTOR BINDER

If you want to increase grain-growing profits and save money—harvest your grain with a new John Deere Tractor Binder. With a 10-foot John Deere behind your tractor you can cut twice as many acres per day as you can with an 8-foot horse-drawn binder. And you are sure of dependable service when you choose a John Deere.

John Deere Features:

- ★ Every part is extra strong and durable.
- ★ Grease-gun oiling.
- ★ Slip clutches protect parts.
- ★ Free-running, non-sagging reel.
- ★ Roller, ball, and self-aligning bearings.
- ★ Accurate binding.
- ★ Easy to adjust and operate.

Baldridge Implement Co.

Phone 113

JOHN DEERE QUALITY IMPLEMENTS AND SERVICE

BETTER VARIETY OF WHEAT SOUGHT BY STATION MEN

A high yielding wheat that is smut resistant and has good quality for milling and baking purposes is the chief aim of cereal breeding work being carried on at the eastern Oregon branch experiment stations, reports Dr. D. D. Hill, associate agronomist at Oregon State college, in discussing the breeding program with small grains. Another desirable quality sought is a stiff straw, not too long, as excess straw growth unnecessarily taxes the limited moisture supply.

"In the years when the Pacific northwest had export outlets for all its surplus we produced a lot of Club wheat for the export trade," says Dr. Hill. "Now that a much larger percentage of our wheat is being used in domestic channels, Club wheat is harder to sell. Consequently, it has been necessary to replace a considerable portion of the Club acreage with new varieties of different quality. We must produce what the customer wants, if that is at all possible."

The necessity for continuous search for new and better varieties was recently demonstrated in the irrigated sections of eastern Oregon, Dr. Hill points out. For years farm-

ers on irrigation projects were entirely satisfied with Federation as a rotation crop, or as a nurse crop for clover and alfalfa. In 1935 and 1936, however, an infestation of rust seriously reduced the yields of Federation. There is now demand for a variety which will yield as much as Federation under irrigated conditions, and be resistant to rust.

The new Rex wheat, recently introduced after being bred at the Moro station, is rapidly replacing many other varieties, including Federation. It is stiff-strawed, non-shattering reasonably resistant to smut, and much more winter hardy than Federation.

New varieties must undergo years of rigid testing before they are released for general use.

SHOE SHINING BIG BUSINESS
Shoe shining and shoe repairing assume the importance of a major business, according to Census Bureau reports. Receipts totaled \$109,657,000 in 1935. Employees numbered 25,007 in addition to 51,118 active proprietors and firm members.

FOUR A MINUTE
In 1936 there were four babies born every minute in the United States, Census Bureau reports indicate.

Ranchers and Farmers ATTENTION

MEMBERS OF THE AGRICULTURAL GROUP ASSOCIATION

May obtain Group Life Insurance through an Old Line Legal Reserve Life Insurance Company

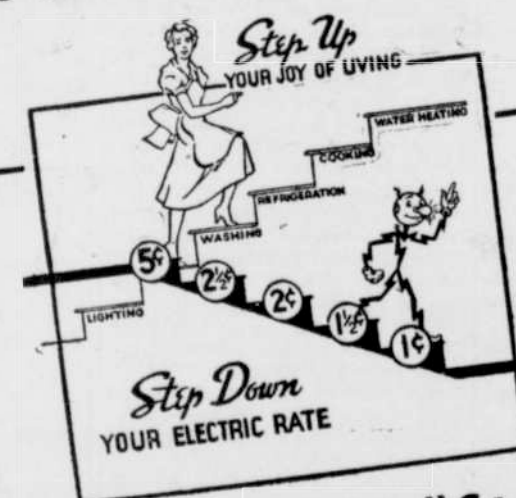
DO YOU KNOW HOW MUCH YOU CAN SAVE BY THIS PLAN?

If you wish to become a member consult or write Oscar C. Olsen at the office of the

NYSSA REALTY CO.

NYSSA, OREGON

The more electricity you use—



The lower your rate "Steps Down"

• As you STEP UP your Electrical Standard of Living, your electric rate STEPS DOWN. The electric range you've wanted so long—the water heater—refrigerator—each will help reduce your rate.

But if you economize on the use of electricity, your rate begins to "step back"—for the saving is at the lowest rate you have earned.

Idaho Power's "Step Down" rates have been among the nation's lowest for many years—and they were reduced again this year. Your electric service is one of your greatest bargains—and it grows better as you use more.

IDAHO POWER
Electricity...Does So MUCH—Costs So LITTLE!

Auction Sales

Every Saturday

At The

Old Sales Yard

Until We Get Our New Modern Pavilion Completed

WE WANT
FEEDER PIGS, PIGGY SOWS
MILK COWS

Nyssa Commission Co.

J. L. Moore, Manager