

WITH THE MALHEUR COUNTY FARMERS

FARM TOPICS

GOOD LAYERS ARE HEARTIEST EATERS

Dry Mash Mixture Aids in Production of Eggs.

By Dr. W. C. Thompson, Professor of Poultry Husbandry, Rutgers University—WNU Service.

Laying flocks must consume plenty of dry mash daily during cold weather if egg yields of 50 per cent or more are to be maintained. While grain consumption is highly important for body maintenance purposes, it is chiefly from the dry mash mixture that layers manufacture eggs. Good, well-balanced rations must be provided and the hens encouraged to eat at the rate of approximately 12 pounds of mash a day per 100 layers.

Provide enough mash hopper space so that every hen may eat at any time she chooses. This means a six-foot hopper for every 50 birds. The hoppers should be built no higher than 15 inches from the floor. Hens prefer low hoppers and will use them more often than those built on higher legs or set on tables.

Each hopper should have a broad eating expanse, at least six inches wide. Furnish fresh mash every morning and always stir it when visiting the laying pen. Do not fill the hoppers too full, for hens will waste the contents under such conditions.

If dry mash consumption is falling below normal, try mixing some of it to a crumbly-moist consistency, preferably with milk but with water if milk is not at hand. Then feed it in this crumbly form on top of the dry mash. This slight change in form will often increase consumption.

Place the mash hoppers in a well-lighted section of the pen and where the hens may get to them easily. Hang artificial lights over the dry mash hoppers.

Layers should be consuming slightly more mash than grain, and the amount of feed consumed altogether should be about 23 pounds per 100 birds every 24 hours.

Invented Dynamite

Dynamite was invented in 1866 by Alfred Nobel, a Swedish engineer, under whose will the Nobel prizes were established.

Bookworm Eats Paper

There is actually such a thing as a bookworm. It is a grub which feeds on the paper in books.

MARKETS QUOTATIONS

Portland (Wholesale)

Butter A grade 27½¢ and 28¢.
Butterfat A grade 25¢ and 25½¢.
Eggs, large 20¢; small 16¢.
Wheat futures, May 75½¢; July 72¢; Sept. 73½¢.
Hogs \$8.00; steers \$8.50; lambs \$8.00.

Spring lamb supply is scant. Hogs, fairly active but steady. Cattle trade remains steady, with slight fluctuations.

FARMERS URGED TO INSIST ON PROPER LABELING OF SEED

SALEM, Ore. — Oregon farmers are urged by the state department of agriculture to insist that the seed which they buy for spring planting is properly labeled in accordance with the provisions of the new Oregon seed law. The new law is designed to protect farmers from purchasing seed containing noxious weeds, according to Frank McKennon of the department.

Agricultural Notes

Each five hens in the laying house should have one foot of hopper space.

Proper housing is helpful in increasing the production of hatching eggs.

A queen bee can lay from 3,000 to 4,000 eggs a day for several weeks.

Molded or otherwise damaged sweet clover hay or silage is not safe to feed cattle.

Common gas engine troubles are overheating and loss of power, generally due to incorrect timing.

Guinea hens prefer to mate in pairs, although good fertility can sometimes be had with as many as four hens mated to one male.

Poles wrapped with burlap or rope which is then kept soaked with crude oil or kerosene oil will help keep cattle free from lice.

Successful Illinois poultry growers include a few ground carrots in the daily moist mash, according to H. H. Alp, extension service.

Navy Yards of the United States

The navy yards of the United States are maintained in Washington, D. C.; Portsmouth, N. H.; Boston, Mass.; New York city, Philadelphia, Norfolk navy yard at Portsmouth, Va.; Charleston, S. C.; Mare Island, Calif.; Puget Sound navy yard, Bremerton, Wash.; Pearl Harbor, Hawaii, and Cavite in the Philippine Islands.

ARCADIA NEWS

By Mrs. Chas. Bullard

Mr. and Mrs. Al Bohy and sons were callers at the home of Mr. and Mrs. Otis Bullard Sunday evening. Steve Krulick's daughter from Blackfoot, Idaho, who has been visiting him for the past week returned home Saturday.

Mrs. Wagner called on Mrs. Dale Lakey Saturday.

Jerry Zittercob is on the sick list this week.

Mr. and Mrs. John Vanderpool were dinner guests of Mr. and Mrs. Chas. Bullard Monday.

Mrs. Dale Lakey was a dinner guest of her mother, Mrs. Dall Wednesday.

Mrs. Bill Hipp visited Mrs. Theo Matherly Wednesday.

Margie Orris is on the sick list this week.

Mr. and Mrs. Cha Splawn went to Payette on business Saturday.

Mr. and Mrs. Chas. Bullard and Mr. and Mrs. Roy McIntyre were dinner guests of Mr. and Mrs. Chas. Splawn Sunday.

Mr. and Mrs. Otis Bullard and family were callers at the Al Bohy home Sunday.

Riverview News

By Mrs. Grover Vest

Albert Gonnason, of Bend, Ore., has been visiting his brother Ed Gonnason. Mr. and Mrs. C. A. Bloom and two children of Concrete, Wash., have also been guests of Mr. and Mrs. E. Gonnason.

Nick Smith, with John and Mary visited Alrie Smith and family at North Powder, then drove on to La Grande.

Sam Southards of Girk, Colo., was an overnight guest at the Clowers home.

Barney Ligart had the misfortune to lose his very best milch cow.

Mr. and Mrs. George Clowers and family visited at the Frank Graham home in Nyssa Heights on Sunday.

Friends of Mrs. Walter Thompson will be glad to know that she has returned to her home from the Holy Rosary hospital and is recovering very nicely from her operation.

Mrs. Ethel Stewart from Weiser visited Mrs. Elman Leavitt on Friday.

Violet Clowers of the sixth grade and Kathleen Loe of the seventh grade, both were winners in the recent spelling match held at Nyssa.

Walter Fox and Clifford are busy grubbing and leveling the entire forty acres formerly owned by Mr. Bunch. He plans to plant beets, alfalfa and pasture grass. They are already setting out trees.

VOTE FOR THE ROAD BONDS OR STAY IN THE MUD



BIGGER PROFITS
with
PURINA STARTENA

You will increase your profits if you protect your chicks at the start, when they need the protection of proper Starting Food. We carry a complete line of all chick supplies. . . supplies that mean a great percentage of healthy, full-grown hens.

Guard Their Health
AL THOMPSON & SON
Phone 26

SALE

Saturday, May 7
Starts
1:30 P. M.

Well Matched Pair of Mules
Weighing 1450 pounds each
Farm Machinery
Household Furniture

Nyssa Sales Yard

Col. Bert Anderson
Auctioneer

Walter Fox & Son
Managers



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 Belgarde, 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. Parkinson, Master.

Kingman Kolony 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. Noeman Mackenzie, Master.

POMONA GRANGE TO HOLD PICNIC

The Malheur County Pomona Grange will hold its annual basket lunch picnic, at Johannesen Park, at the Owyhee dam, Sunday, May 8. James Davenport is chairman in charge of arrangements. No program has been arranged, the idea of the picnic being to bring the various members of the grange together for a good time.

The public is cordially invited to attend, there being no charge for admission.

STATE GRANGE ASKING FOR ONE HOUSE LEGISLATION

Taking a page from the experience of Nebraska the state grange is sponsoring a proposed constitutional amendment for a unicameral legislature for Oregon. Under the grange proposal the legislature would consist of 60 members elected to two-year terms. Regular legislative sessions would be limited to 50 days and special sessions to 20 days with the members drawing \$8 a day for their services. The grange program would also authorize special sessions upon a call signed by two-thirds of the membership as well as upon call by the governor.

POMONA GRANGE MEETING

(Too Late For Last Week)

The last meeting of the Malheur county Pomona grange which was held on April 24 at the Harper-Westfall grange hall was well attended by grangers from all parts of Malheur county. All granges were represented at this meeting with the exception of Arock, Wild Rose, Snake River, Willow Creek and Jamieson. At the present time there are 14 subordinate granges in Malheur county.

The principal business of the day consisted of reports from the various permanent and special committees. A report was made by T. P. Donahue, chairman of the Power district committee on power district matters. The medicine and hospitalization committee was reported by Frank Sherwood, chairman. It was voted that the activities of this committee be continued. The resolutions committee presented resolutions favoring an effort to secure construction of the completion of the Burns branch of the Union Pacific railroad through to western Oregon; also a resolution favoring adopting a plan of diverting a portion of agricultural conservation payments to noxious weed control. These resolutions were adopted by the grange. Other matters of importance that were discussed were the grange wholesale organization and the question of the sale of butter substitutes in Malheur county.

The program for the afternoon was featured by an address by Dr. James Millar of the College of Idaho who spoke on Europe's challenge to American democracy. The afternoon's program was rounded out by musical numbers contributed by the Harper-Westfall grange.

OREGON TRAIL GRANGE

Miss Goldie Miller, Correspondent.

Oregon Trail grange held its regular meeting Wednesday, April 27. Due to spring work it has been decided to advance the scheduled time for meeting from 8 o'clock to 7:30. Members of the grange were very much interested in the plans for the Harvest Festival and Wm. De Groff was appointed as a delegate to meet with the commercial club.

Mrs. Albert Hopkins was elected alternate to state grange at Klamath Falls.

R. G. Larson, Malheur county agent met with us and during the literature hour talked on a subject which was of most interest to the farmers of this community. He gave a complete and interesting resume of his experiments with clover, grasses and alfalfa in Malheur county. He predicts a very promising future for the county in the production of these.

Plans for a card party for this community are being made by Mrs. Garret Stam, Archie Smith, and Neil Dimmick. The public is to be invited and it has been announced that there will be a prize given to those guests traveling the greatest distance to attend this party. Watch the paper for full particulars which will be issued at a late date.

BE SURE TO VOTE
FRIDAY, MAY 20

Advice To The Road-Worn

E. W. PRUYN,
Auto Repairing,
Nyssa, Oregon.

ADVICE TO THE ROAD-WORN
Gentlemen:

The young squirt wouldn't believe me when I told him that in spite of my few rattles and squeaks I was as good a car as he was.

"I respect your age," he says, "but look at me—I got free-wheeling, hydro-electric shock absorbers, T. N. T. spark plugs, two-point suspension, synchro-mesh transmission, streamline radiator, and a lot of things you never even heard of."

But when we got on the road, and he found out that I could do everything he could and then some, was his face red!

"Tell me," he says apologetically, "the secret of your youth."

"No secret at all," I replied, E. W. Pruyne does my repair work."

Yours truly,
Henry Motorblock.

Dear Mr. Motorblock:

Thanks for the compliment. We will admit, however, that while new-fangled accessories are fine things, they can't take the place of a careful work-over now and then.

Yours,
E. W. PRUYN.

E. W. Pruyne
Auto Repair

Small Electrical Appliances Add to Comfort of Farm Life



Corner of model kitchen on 200-acre farm of Herman Boes, R. F. D. No. 2, Tiffin, Ohio, showing electric toaster, food chopper and mixer.

ALTHOUGH true that such electrical equipment as a range, refrigerator, water system and the like are the greatest time, labor and money savers in the farm home, it also is true that numerous small appliances—whose cost is but a fraction of those just mentioned—can contribute much to the comfort, ease, convenience and pleasure of rural life.

Thus, for the kitchen, there is an electric clock, mixer, ventilating fan, screen door, hot plate, cooker, toaster, ice-cream freezer, small radio receiver, food chopper, juice extractor and many other devices.

In the dining room, an electric waffle iron, chafing dish, grill, percolator, toaster and like equipment make meals easy as well as fun to prepare. For the living room an electric clock, corn popper and motion-picture projector are among the smaller pieces of equipment that make life more pleasant.

Electric tile and pants pressers, burglar alarm, door latch, electric blanket, "fever" machine, heating pad and reducer, all are useful and convenient accessories of the bedroom. A portable heater, electric razor or razor-blade sharpener, hair clipper, curling iron, immersion water heater, hair dryer, massage machine and vibrator add to the utility and comfort of the bathroom.

To many farmers, some of these electrical appliances at first glance may appear as unnecessary luxuries, useless "gadgets" or suitable only for city or suburban dwellers. But if they will talk to their neighbors who have some of them, or gradually—as funds permit—install them themselves, they will learn that they are indispensable necessities. With the coming of electricity, rural life has assumed all the comforts and conveniences of the city—and the advantages now are with the farmer.

4-H CLUB NEWS

A 4-H sewing club was organized April 30 by E. H. Hauser, assistant county agent, in Richland district with nine members.

Officers elected were: Bernice Whipple, president; Ramona Henderson vice president.

Other members are Eris Jamison, Madeline Maw, Idoleen Maw, Bonnie Whipple, May McGee and Donna Belei Goodell. Mrs. H. L. Sisson was chosen local leader.

VOTE FOR THE ROAD BONDS OR STAY IN THE MUD

Electric Milk Cooler Will Maintain Premium Quality



Premiums as high as 35 cents per 100 pounds are obtained for milk whose bacterial count is kept low with an electric cooler.

FOR years, one of the biggest problems of all farmers—but particularly of those primarily engaged in dairying—has been the protection and preservation of milk until convenient to use or to market it. Although cleanliness and sanitation determine the initial quality of milk (so far as bacteria are concerned), adequate refrigeration is essential to maintain it.

The final number of bacteria in milk is the result of two and only two factors: First, contamination, which is contributed by the cows, milker, utensils and anything with which it comes in contact; and, second, growth and multiplication, which is almost entirely a function of temperature and time.

It has been found that, although refrigeration has little or no effect in reducing the number of bacteria, milk must be cooled to 50° Fahrenheit or less within 1½ hours after it is drawn if bacterial growth is to be retarded sufficiently to preserve its quality. The old-time milk house, located over spring or well, usually is not convenient and certainly is not an effective cooler—tests of water said to be "as cold as ice" frequently showing temperatures as high as 65° Fahrenheit.

Ice is an improvement so far as cooling is concerned but it is unpleasant to handle and requires much hard work, particularly if one harvests his

own ice. If he does not, there is the difficulty and expense of obtaining a sufficient and regular supply.

The electric cooler which, like the electric household refrigerator, has been refined, improved and reduced in price in recent years, provides the ideal means of preserving the quality of milk. For not only is it more convenient than ice but also it automatically maintains a uniformly low temperature within narrow limits, yields a better grade of product, requires a minimum of labor and attention, and is cheaper when all costs are taken into consideration and electricity is 4 cents or less per kilowatt-hour.

Records show that an average of 1 to 1½ kw.-hr. is required to cool 100 pounds of milk to 40° F. in a tank-type cooler, while 30 pounds of ice is required to do the same work. Including depreciation, interest and repairs, with current at 3 cents per kw.-hr., the total cost of an electric cooler runs from 12 to 13.5 cents per 100 pounds of milk. The average cost of cooling with ice, including filling the ice house, storage and transfer of ice to cooler, is about 15 cents per 100 pounds of milk.

Detailed information on the various types and sizes of electric milk coolers can be obtained from the several manufacturers or by writing to your state college or university.

FULLER Paint Sale

APRIL 25th
THROUGH
MAY 7th

Here's your chance to save on your spring painting. Highest-quality Fuller Paints. These special prices will NOT be repeated this year.



"HOUSE" PAINT

Fuller Pure Prepared. For a beautiful protecting "all over" job. For two weeks, price slashed to . . .

92¢ QUART 55¢ PINT **2.97** GAL.

PORCH PAINT

Fuller Porch & Deck Paint. Waterproof. Stands hard use. For two weeks, specially reduced to . . .

\$1.86 HALF \$3.18 GAL. **1.03** QUART

EXTERIOR VARNISH

Fullerspar. To weather-protect front doors, garden furniture, etc. Big savings for two weeks at . . .

\$1.47 QUART **82¢** PINT

Baldridge Implement Company
Nyssa, Oregon
Phone 113