



Tractor Replacing Horse Mule on Nation's Farms

PORTLAND.—(AP)—The farm tractor has chased the horse off most farms, and is now supplanting the southern sharecropper's mule, the Pacific Northwest

Hardware and Implement Association was told. W. R. Noble, Washington, D. C., told the convention that farm machinery is growing more and more common. "I did not see a horse at work in an all-day drive yesterday in the state of Washington," he said.



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Repeal of Oregon's Milk Control Law Group's Aim

SEATTLE.—(AP)—"I'd rather see milk a public utility in Washington than have consumers saddled with a milk control act like Oregon's," Mrs. Frederick Fritz of Portland, secretary-treasurer of the Affiliated Milk Committees of Oregon, told the Seattle Chapter of the League of Women Voters.

She said her group is attempting to repeal Oregon's control laws and spoke about legislation which she asserted has been proposed by an industry committee headed by August Kristofferson of Seattle.

Kristofferson said the dairy industry is merely studying milk control and no definite action has been planned. He described usual milk-control legislation as involving the fixing of prices to producers and consumers.

Condensed soups were first canned in 1869.

Net Income Drop Impends, Warning To Farm Industry

A third year of shrinking real net income is ahead for agriculture. That is the overall outlook indicated at the recent annual national agricultural outlook conference in Washington, D. C., as briefly stated by Oregon's representative, L. R. Brethaupt, Oregon State College extension economist.

The outlook was found better for some types of farming than for others, yet it was deemed wise for all farmers to operate to meet some recession, if it comes. Real income as expressed in buying power is expected to remain far above the low pre-war level, however.

Cash receipts for farmers, nationally, might drop to a monthly rate 10 per cent below 1948 a year from now but total farm expenses may decrease little, if any. Cheaper feed is expected to be largely offset by higher other costs, Brethaupt reports. Thus, net income would be less, and the net income dollar now buys scarcely half as much as prewar.

Inflationary forces in the general economy still outweigh the deflationary trend in agriculture. No definite conclusion was reached in regard to the general non-agricultural price level trend ahead, owing to uncertain international conditions.

A summary of the general outlook for 1949 and beyond, as it pertains to Oregon agriculture, is now being prepared by the extension economists at the college ahead, owing to uncertain international conditions.

11 Oregon 4-H'ers Win Free Trips To National Meeting

CORVALLIS, Ore.—(AP)—Eleven Oregon 4-H club members have won expense paid trips to the National Club Congress in Chicago.

L. J. Allen, state club leader, said they are among 34 Oregon club boys and girls named as state winners. The other, in some divisions are to compete with winners from other states for regional trip honors.

The trip winners include: Nina Mindenhall, Sheridan; Betty Koth, Bend; Charles Hornecker, Corvallis; C. A. Jefferson, Shedd; Jimmie Gorman, Crabtree; Margaret Walker, Creswell; Tylene Horn, Pilot Rock; Wayne Sagert, Sherwood; Helen Wroldstad, Hubbard.

Other state winners are John Keislow, Bend; Eleanor Reed, Vale; Lawrence Allen, Bend; Jay Mayfield, Grants Pass; Carol Robinson, Grants Pass; Barbara Bloom, Eugene; Eleanor Lane.

Wins Nobel Prize



(NEA Telephone)
Dr. Paul Mueller (above) of Basel, Switzerland, has been awarded the Nobel Prize for medicine for his discovery of the insecticide DDT. With the award comes \$44,000.

Onion Sets Give Quick Maturity To Garden Crop

Growing onions from sets gives a fast-maturing crop. It beats the seeding method by several weeks. Fall is an admirable time to start growing onion sets in your garden.

In the more temperate parts along the Pacific Coast onion sets may be planted practically throughout the entire year. The amazing thing is that the sets may produce excellent crops even though, according to orthodox planting rules, they are planted out of season.

There is no mystery concerned with planting onion sets. However, a great number of amateur gardeners don't quite know just what an onion set is. They are small onions grown from seeds planted very thickly. The bulbs are thus grown in close quarters and they push against each other, thus cutting down on the size. The onion sets are dug up before they have grown for too long a period. They are cured and dried and then offered in garden supply stores as onion sets. Actually growth is terminated during this period but continues again as soon as the sets are re-planted.

Onion sets vary in size from a large pea to the size of a lime. It is economical to obtain the small sets as they are sold by the pound and there logically would be more small sets in a pound than large ones.

An average loam will suffice but the ground must not be too heavy or the tubs will not expand naturally. Set the bulbs from one-half to one and one-half inches below the surface.

Boring: Chester Hughson, Albany; William Headrick, Beaver Creek; Marjorie Rae Davidson, Bend; Henry Jaeger, Condon; Joyce Kuenze, Salem.

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Special Virus Holds Hope Of Subduing Newcastle Disease, Poultry Public Enemy No. 1

By G. T. KLEIN
(The Furrow)

There's new hope that Newcastle Disease, poultry public enemy No. 1, will soon be subdued.

In Massachusetts, researcher Dr. Henry Van Roekel is busy experimentally vaccinating flocks with a specially-prepared live virus. The number of vaccinated flocks is expected to reach several hundred, involving a poultry population of thousands of birds this year.

Last season's field tests on 12,000 birds showed up favorably, giving immunity for six months or more in 90 per cent of the vaccinated birds. The virus is applied by the stick method to the wing, using two sewing machine needles. It is the same procedure as used with pox.

At New Jersey, Dr. F. R. Beaudette is working along similar lines. From his collection of viruses he seems to have found one that gives life-long immunity to birds 4 or 5 weeks old. Two or three commercial companies have been granted federal licenses to carry on field tests with the live virus. Before this summer passes, there may be a commercial material available to poultrymen. In the meantime, it is not possible to ship the live virus across state lines.

Reported in 40 States

This disease, which got its name from a town in England, first appeared on our West coast about 1935. Eight or 10 years later it was diagnosed in flocks in the East. Now more than 40 states have reported it. With this widespread distribution, there's no chance of extermination, but now there's hope that we can live with it without paying a tremendous price to the malady.

Fortunately, Newcastle hasn't been the killer in the United States that it was in England, the Philippines and other places where it struck. There it practically wiped out both chick and adult flocks. Here it has taken 50 to 75 per cent of some flocks of chicks under a month old. In laying flocks, losses have so far been light. But it drastically cuts egg production when striking a flock in a high rate of lay. Production drops quickly to practically nothing and the loss in eggs continues for a month to six weeks. Egg shell color in brown egg breeds fades to a chalk white and shell texture becomes rough. Color and texture return to normal with return of production.

Diagnosis Difficult

It's practically impossible to diagnose the disease in the field. It starts with a coughing and sneezing and in some cases leaves birds paralyzed. Symptoms are so similar to a number of other diseases that diagnosis is not certain without laboratory facilities.

And here's another important fact which adds to our hope. Chicks from a flock that has had Newcastle are immune for a full month. Already there's a promise on these chicks. If we have a vaccine which can be used after the immune period passes, we should be on our way toward harnessing the disease.

Handicaps Fail to Slash Oregon's Potato Acreage

CORVALLIS, Ore.—(AP)—A total of 3,140 acres of potatoes in 16 Oregon counties have been certified for seed potato status this year, Oregon State College reported.

Although an outbreak of potato virus and higher certification standards cut the total, the acreage was still above last year's 2,984. Some 4,300 acres were entered for certification, but about a third failed to measure up to requirements.

Soil and Water Conservation Is Vital Govt. Task

Government responsibility in soil and water conservation, research, and supporting the price of farm commodities was discussed recently by William E. Crawley, assistant administrator for production of the Production and Marketing Administration.

On conservation Crawley said that one of the most important jobs of government in promoting the general welfare is the conservation of our soil and water resources. Since soil is the main source of our food and much of our shelter and clothing, the conservation of the soil is fundamental for continued existence.

He pointed out that the program of sharing costs of conservation with the farmer under the Agricultural Conservation Program is the most efficient and effective way of getting the job done that has yet been found. He said that it is the responsibility of everyone to help protect the soil just as it is the responsibility to share in the cost of other forms of national protection.

Research which furnishes the farmer with improved methods, plants and outlets for what he produces, he indicated, is a means for assuring increasingly effective use of the land and its products.

Criticism Answered

On price supports, he said that we cannot expect abundant production if that abundance depresses prices to the point where the farmer is penalized for successful production.

In reply to the criticism that government price supports for farm products are keeping prices up, he pointed out that many farm commodities are not supported and that most other commodities from the farm are above support prices.

For those products which are supported, the support is 90 per cent of parity which is 10 per cent below a balance between what a farmer has to sell and what he buys. Cotton is the only exception, currently supported at 92 1/2 percent of parity but this drops to 90 percent in 1949. He added:

"We can lose our freedom by erosion as well as by invasion and can be brought into economic bondage through ruinous prices. Price supports and conservation go hand-in-hand. A stabilized farm market helps to make farming a sound business. With assurance of stability in the market, the farmer can go ahead and build up his land. He isn't forced to mine the soil for a bare existence. With the help of the Agricultural Conservation Program he can carry out the conservation practice needed to keep his farm producing abundantly."

"The nation benefits from the abundant production and the protection to the soil which assures the same abundant production in the future."

Introduction of new "wonder" drugs have brought recent deaths from influenza and pneumonia in the United States to unprecedented low levels, but specialists insist that some types of these diseases are not amenable to the new treatments and an epidemic rise in deaths at some future time is not impossible.

Ceres is the largest planetoid, and is about 480 miles in diameter.



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The FEED BAG

Vol. X No. 44 Published Weekly by the Douglas County Flour Mill, Makers of UMPQUA CHIEF FLOUR and Umpqua Brand Poultry and Dairy Feeds Nov. 1, 1948

Quality and Price

We have one of those "big ears" like Uncle Samuel is using to listen to Uncle Joe Stalin. We don't use it much, but it is big enough that it sometimes catches things not meant for it. It has come to this ear that some of our competitors are talking about us and our good feeds. In fact, one feed mixer who mixes right in town is telling our customers that "THEY" are putting in lots of things in their feed that the Flour Mill isn't using.

Now, these folks haven't come over to us for many moons to find out just what we are putting into Umpqua Feeds. Of course, we do have "open" formulas, and you can find out what we use, but we don't think any of you have been giving this information to our competitors, so we just naturally wonder how said competitors have found out all that goes into Umpqua Feeds. If they don't know what we are using, how can they say they are using "things we don't"? And if they do know, how did they find out? We leave that for you to guess.

The big thing is, that nobody has the ability to compete with the Flour Mill, so the only thing left to say is that "the Flour Mill is making poor feed. They couldn't sell good feed so cheap." And since UMPQUA FEEDS are giving such excellent results, this line of reasoning is proved absolutely unsound, to say the least.

The Douglas County Flour Mill can, and does sell feed cheaper than anybody else in town for these reasons. We have the most modern mixing equipment in town. We have the most labor-saving machinery, and can handle large volume, with minimum labor and cost. We have a great volume, and can buy at much better figures than smaller competitors. We LIVE here, and do ALL our business in Douglas County. We don't have to divvy up our "take" with some Portland concern. It all stays right here at home, to build up your and our community. AND, we sell direct to the consumer. No extra profits. Only ONE small profit and that stays at home, and works for a better Douglas County.

"Darling, do you think you can live on my income?"
"Oh, sure. But it's going to be tough for you."

Keep Those Pullets Fat

These last few mornings make us wonder what we did with our summer wages. Pretty nippy. Little frost in places. We will likely get more nice weather later, but we will also no doubt get a lot of cool or maybe even cold weather too.

Pullets continue to grow. If properly fed, until they are about ten to twelve months old. But during the last half of their first year on earth, they have the added burden of paying their board by giving good egg production. To add to their responsibilities, many poultrymen ask them to lay more than they should, with the result that often they have to give up, and take a rest, (which we usually call a false molt).

In order for pullets to gain weight as Mother Nature planned, and to pay their board to you, as you planned, and to keep warm on top of all this during the coming short cold days, it is up to you to feed plenty of grain. We don't care if it is 2/3 grain. Or even 3/4. The only thing we urge is that you give them PLENTY.

Some flocks will need more than others, according to conditions which vary in different localities, and under different methods of management. We won't tell you how many pounds of grain to feed. But we will say "Give them all the UMPQUA SCRATCH they will clean up from early afternoon till some time tomorrow morning."

Remember, every kernel of grain that goes into UMPQUA SCRATCH FEED is thoroughly re-cleaned before being mixed. No foul weeds to pollute your fields. No dirt and chaff that cost you for and your birds can't utilize. Every pound of UMPQUA SCRATCH FEED as well as all other UMPQUA FEEDS is good feed, and your birds get the benefit of every ounce.

Teacher: "If your mama gave you a big apple and a little one, and told you to divide with your brother, which would you give him?"
Boy: "Do you mean my big brother, or my little one?"

Blue-Stone (Blue Vitriol)

We think it is a good idea to feed blue vitriol occasionally to your chickens and turkeys, and especially during the winter months. We find it a good tonic, and that it will ward off certain diseases it used according to directions.

reactions. Why not ask the boys at the Mill for a formula for feeding vitriol. Used by many successful poultrymen.

Year-Round Hatchery

We have inquiries from time to time asking where chicks can be purchased during the "off season." Carr's Hatchery, a few miles out of Roseburg, and near Lookingglass, has operated every week of the year.

During the so-called off season, they ask that you order your chicks in advance. But they are fixed to give you some of the best breeding available. New Hamp, Reds, crosses, and white leghorns.

Carr's Hatchery has designated the Douglas County Flour Mill as their Roseburg office. You can arrange to pick your baby chick up at the Mill if it is more convenient, and you may also put in your order for chick with us. Be sure to put in your order for chick during the winter months about four weeks before you want them, to give opportunity to set and hatch the eggs.

Highest Egg Prices

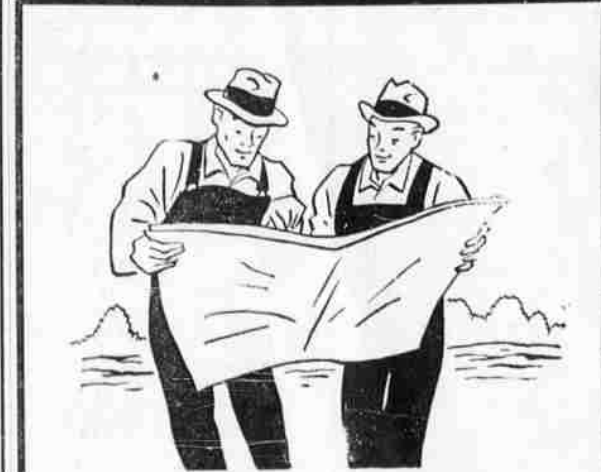
Quite a number of Douglas County poultrymen have been selling their eggs to Brentwood Egg Company of Portland. The eggs were formerly left at Safe-way Store, but different arrangements had to be made.

In order to try and be of the utmost service to our customers, we arranged to accept these eggs at the Douglas Flour Mill. However, the company made a mistake in notifying their former shippers, and the result was that new instructions had to be sent out.

To those former shippers to Brentwood Egg Company, and any other producers who are not quite satisfied with the price and grade they are getting, we suggest that you leave at least a trial shipment with us. The location, Pine Street, between Oak and Cass. We don't buy these eggs. We only assemble them for the convenience of the buyer and the producer.

On That Bum Feed

Carl Morris, a newcomer to Douglas County from Arizona, who is living in the Lookingglass neighborhood bought 600 chix from Carr's Hatchery a couple weeks ago. At ten days the total loss, accidents and everything was a measly 8 chix. Carl is a beginner, but we think he will learn quick.



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