



NEWS OF FARM LIFE

GRANGES

CROP NEWS

COUNTY AGENT'S REPORTS

DEPARTMENT OF AGRICULTURE NEWS



DIET INFLUENCE ON ANIMALS TESTED

Controlled Feeding May Double Production Life of Farm Stock.

By PAUL D. SHOEMAKER (Associated Press Farm Editor). ITHACA, N. Y., March 28.—(AP)—The day when a controlled diet may be utilized to increase, and possibly double, the production span of life for cows, chickens, horses and other farm animals appeared within reach today, on the basis of animal nutrition experiments at Cornell university.

Dr. C. M. McKay, of the animal nutrition department, said a three-year objective study in retarding the aging process and extending the productive life by limiting calories of the diet during the period of growth had revealed a technique by which animals can be kept "young" or allowed to proceed into senescence.

In laboratory experiments, Dr. McKay was able to double the normal life span of white rats by withholding food of high calorie content, such as sugars, from their diet. One group of animals fed an adequate diet with calories died after the normal life span of about 600 days.

Other groups lived on diets adequate in every respect excepting calories. The calories were added to the diet of one group when 300 days old, others at 500, 750 and 1,000 days. Adding calories hastened the rodents to maturity, old age and death.

The group that did not have calories until 1,000 days old survived all of the original 106 rats and lived more than 1,200 days.

Old Concept Challenged. The average productive life of a dairy cow is computed as five years, a horse 15 years and chickens from two and one-half to three years.

Dr. McKay said the experiment provided evidence that the rate of attaining maturity was an important factor in predetermining the total life span.

"This challenges," he observed, "the common concept that rapid growth develops the best bodies for long life."

The study showed, Dr. McKay said, that the powers of growth can be retained within the body of a rat for a period beyond the normal span of life, that the life span is flexible and that the extent to which it can be increased is an unknown value.

ALASKAN VIEWS TO BE SHOWN TONIGHT

Tonight at 7:30, at the First Baptist church in Roseburg, Adjutant N. Belkovich and Captain Newton, Salvation Army leaders from Alaska, will present a program of Alaskan motion pictures.

The motion pictures are all original and were taken by Alaskans themselves, who have access to scenes not ordinarily pictured by visitors to the territory. Various aspects of the Salvation Army work among the Indians will be portrayed, along with a remarkable collection of Alaskan Indian art work—Chilkat blankets, totem poles, baskets, agricultural implements, war drums, medicine, rattles and other items usually found only in Alaska museums.

C. D. Beale, president of the Juneau, Alaska, Rotary club states: "This club is pleased to endorse Adjutant N. Belkovich of Ketchikan, Alaska—leader of the Salvation Army—member of the Ketchikan Rotary club. Adj. Belkovich is regarded by us as one of Alaska's outstanding citizens, and a speaker of merit who will interest and captivate any audience."

Adjutant Belkovich is in a position to tell about the true Alaska and not simply the Alaska of ice and snow so many describe.

LAYING HENS DO OWN BOOKKEEPING

WASHINGTON (AP)—Hens do their own book-keeping in a nest just patented by Orland E. Kelum, of Moreno, Calif., for fine breeding stock.

When the hen enters the nest the door locks automatically to prevent the entrance of another hen. When she lays her egg another door opens automatically permitting her to leave. As the second door opens it operates the lens of a camera which takes a picture of the hen and of a number painted on her back or side.

In that manner her owner keeps track of how well she tends to her business of producing eggs.

DOUGLAS SHEEPMEN ROTATE GRAZING

Many Douglas county sheep growers are cross fencing their grazing lands to allow rotation grazing, which gives each section a rest during a part of the year and provides a means of reseeded certain pastures and giving the plants a chance to become well established before being grazed, says County Agent J. Roland Parker. Most of the successful grow-

Ripening Fruit Gas That Knocks Leaves Off Twigs May Alter Nursery Practices

That the presence of ripening fruit near growing plants or cut foliage, such as holly, may cause quick dropping of leaves has been conclusively proved in research being carried on at Oregon State college by Elmer Hansen and Henry Hartman, horticulturists in the experiment station.

The findings are so revolutionary in character that they may lead to drastic changes in nursery practice as well as in the handling of ornamental plants, either on a commercial or consumer basis.

Common fruits which ripen off the tree, particularly apples and pears, give off considerable quantities of ethylene gas. Previous studies made by Hartman and Hansen had definitely established this fact, and had shown that the presence of ripening fruit in a storage room would cause green fruit to mature much more rapidly than normal.

The effect of this gas in causing defoliation is even more striking, the research men have found. An ers are now agreed that best results are obtained by burning over the ground before seeding. Grasses being used which give the greatest promise of providing a palatable and nutritious pasture in this county are highland bent, English rye, orchard grass, domestic rye, tall oat and meadow fescue.

70 NATIONS TO JOIN IN POULTRY MEET

Oregon poultrymen are planning to have a prominent place in the 1939 world's poultry congress in Cleveland, judging from preliminary plans made recently by the Oregon state world's poultry congress committee.

Poultrymen and agricultural leaders from every section of the state are included in the eight state committees which have been appointed to prepare for Oregon's participation.

No other agricultural industry has such a complete world-wide organization as the poultry industry, says Fred H. Cockell of Milwaukie, active chairman of the Oregon committee. Held every three years, the congress is truly a world's fair of the poultry industry. It is expected that approximately 70 nations will participate in the Cleveland congress.

Sponsored by the World Poultry Science association, the congress is also a clearing house for exchange of latest scientific developments in the industry. Every exhibit at the congress, on which each will spend from \$5,000 to \$20,000. Between 30 and 40 acres of floor space will be devoted to these educational exhibits.

NUMBER OF HOGS LITTLE INCREASED

The number of hogs on farms on January 1 is estimated by the bureau of agricultural economics at 41,180,000 head. This is 1,470,000 head or 3.5 per cent larger than a year earlier, and the largest number since January 1, 1934. The number was still much below that of any year in the 30-year period before 1935. Nearly all the increase occurred in the corn belt states with numbers little changed in other areas. The value per head of \$11.21 on January 1 was 68 cents lower than a year earlier and the total value of \$458,025,000 was about \$12,500,000 less.

CAMAS GRANGERS DISCUSS UTILITY

CAMAS VALLEY, March 28.—At a recent grange meeting here, electric power and the way to get it as soon as possible was the main topic of discussion.

A meeting of valley residents interested was called for Tuesday evening, March 29, for further consideration.

The grange has also gone on record for a pest hunt this year. Bernard Dean and Ernest Wheeler, rival team captains, have chosen their followers. Several trophies have already been turned in.

AAA PAYMENTS TO DOUGLAS REPORTED

Payments to Douglas county farmers of \$33,321.42 under the 1936 agricultural conservation program were reported today by the agricultural adjustment administration. Payments made to farmers in Oregon were \$1,967,636 up to November 30, 1937, and totaled \$398,239,333 for the entire country.

BEET GROWERS OF OREGON ORGANIZE

ONTARIO, March 28.—(AP)—Incorporating districts from seven districts formed Oregon's first beet growers association here. The association will have about 400 members and will contract for the sale of beets from thousands of acres under cultivation.

LOWER PRICES FOR LAMBS EXPECTED

Larger supplies of spring lambs for marketing from April through June but a lower price average than for these months last year is expected by the bureau of agricultural economics. Consumer demand for meats is weaker this year than last, it was stated. Lower prices of wool and pelts also were indicated.

In its current sheep and lamb situation report, the bureau points out that total slaughter supplies of spring and lambs during the late spring of 1938 may be no larger than during the spring of 1937.

The increase of about 15 per cent in the early lamb crop of 1938 in the more important states may be about offset by smaller marketings of grass-fat lambs from Texas. Last spring Texas marketed record numbers of these grass-fat yearling lambs.

Prices of fed woolled lambs, after declining in December and January, advanced in late February and early March, largely as a result of a seasonal reduction in slaughter supplies of sheep and lambs. Even with the advances, however, the early March prices of slaughter lambs at Chicago were more than \$2 a hundred pounds lower than those of a year earlier.

FEED CROPS PLAN CUTS FARM COSTS

Douglas county farmers cooperating in the farm security program plan maximum production of feed crops and seed this year as an important part of their plan to cut cash expenditures, reports Paul H. Helweg, county rehabilitation supervisor, USDA, courthouse, Roseburg.

Farm plans that provide for improved pastures, legume hays, root and silage crops, and some grains to meet most of the livestock feed needs are expected to cut former cash expenditures for this item in half, as well as bring a greater return for the farmer's labor.

As purchase of seed often requires a considerable cash outlay on many farms, rehabilitation loans for seed are being conserved wherever possible through crop plans that provide for setting aside enough acreage to provide seed for the next year's planting program.

Production of feed and seed to meet current farm needs is part of the farm security program to enable low-income farmers to place their operations on a self-sufficient basis through rehabilitation loans for needed capital goods and cooperative facilities, combined with practical farm and home plans.

Families cooperating in the rehabilitation program in the county now total 150, and the majority are making rapid progress in placing their farms again on a productive basis that not only assures a livelihood but makes possible repayment on their loans.

DAYS CREEK

DAYS CREEK, March 26.—Edward Burr, local high school student, who was taken to Mercy hospital Sunday to be treated for pneumonia, is reported as to be recovering.

Newell Wood Jr., and Muri Hutchinson returned to Corvallis Sunday after having spent their spring vacation here.

Mr. and Mrs. Alva Matthews and sons, Marshall and Maurice, of Eugene spent several days last week at their home here.

Shirley Hutchinson, who visited her parents during the spring vacation, returned to Ashland Sunday.

FARMERS URGED TO SEND IN ANSWERS

Adjustments on Program for 1938 Await Return of Questionnaires.

Farmers of Douglas county should immediately return questionnaires mailed to all participants in the 1938 agricultural conservation program, according to J. Roland Parker, county agricultural agent.

Farmers are requested to furnish information as to their production of wheat during the past few years to meet requirements of the new farm act, which makes necessary an adjustment in the agricultural conservation program for 1938.

While records of the program in the county agent's office cover a greater portion of the farms in Douglas county, detailed information on wheat production is not available. To prevent producers selling more than 100 bushels of wheat a year, from suffering penalties, it is necessary to have accurate information as to the farms which require a wheat allotment acreage. Liberal benefits are allowed farmers who normally sell more than 100 bushels of wheat, for participating in the program, in addition to benefits that may be earned for soil building practices.

May Be Denied Credit. Questionnaires regarding green manure or cover crops to be turned under this spring also have been sent to all work sheet signers in order that the green manure or cover crops may be inspected before they are turned under. Green manure crops not inspected before being turned under will not comply with the requirements of the program, and the farm operators turning under green manure or cover crop without inspection will be unable to receive credit for benefits.

It is expected a large acreage of green manure and cover crops will be turned under during the next few weeks with weather permitting. Benefits are available to farmers turning under green manure crops on crop land as well as on orchard land, and it is hoped, states R. F. Nichols, chairman of the county committee, that every farmer will promptly file a request for inspection of any green manure or cover crop which will be turned under, as a good percentage of the benefits to be received by farmers under the 1938 agricultural conservation program will come from this practice.

News of 4-H CLUBS

The following news item was sent in from Garden valley by Emma Leah Winniford: "The Garden Valley Girls Sewing club met at the home of Mrs. Graham, March 19. Work was done on groups two, three and four. The members present were Carol McCoy, Thelma Graham, Emma Leah Winniford, Joanne McCoy, Darlene Niday and Helweg, county rehabilitation supervisor, USDA, courthouse, Roseburg. Refreshments were served by Darlene Niday."

Maxine Wright of Days Creek sent in the following: "On March 17, the Days Creek Sewing club held their third meeting. Maxine Wright, the secretary, was absent. Martha Lee, Janelle, acted as secretary. Marie Sutton joined our club. The name of our club was discussed, but was postponed until the next meeting. Mrs. Hill, the local leader, gave a talk on material required for our next week day. Marjorie and Maxine Wright are to give a demonstration on 'weaving' on that day. Officers present were Marjorie Wright, president, and Hazelton, Uman, vice-president. Other members present were Marie Sutton, Betty Joan Perdue, Jean Marie McGee, Lavina Perdue, Frances Perdue, Berdane Perdue and the local leader."

Another hobby club enrollment has been received from the Fullerton school. Carolyn Kennedy is leader and the officers are Patty Gadoway, president; Dorothy Staffenson, vice-president; Betty Ann Johnson, secretary. Other members are Boes, Heyson, Shirley Carter, Ann Carter, Phyllis Jackson, Janice Jackson, Beverly Staffanson, Jean Ackley, Ruth Butler and Gayle Parr.

CHERRY FRUIT FLY CONTROL OBTAINED

Almost complete control of the cherry fruit fly was obtained in the large Lamberta orchards 10 miles east of here by following the spray recommendations worked out by the Oregon experiment station, according to reports made by the growers to S. C. Jones, assistant entomologist at OSC. The Lamberta orchards have approximately 200 acres of cherries, probably the largest cherry orchard in the Willamette valley. Although three spray applications will ordinarily give control, five sprays were applied in these orchards to be on the safe side. The material used is a sweetened poison bait spray applied to the foliage to kill the adult flies just before the cherries ripen.

Maytag Sales and Service City Electric

124 W. Cass St. Phone 233

Fooled Again!

It looked like spring for a day, and then—blooie. More March weather.

When it does come time will be mighty important. Better do your figuring now.

Have your machinery repaired or trade it in on new or rebuilt machinery and be ready to go when the weather gets right.

Special 20 Cat. fully overhauled.

'See Us First—We Can Save You Money'

DOUGLAS COUNTY Farm Bureau Co-op. Exch.

Roseburg, Oregon

The Feed Bag

VOL. I NO. X Published Weekly by the Douglas County Flour Mill. Mfrs. of Umpqua and Sunrise Poultry and Dairy Feed

MARCH 28 1938

What Is In the Feed You Are Using?

Not only what is in it but how much of each ingredient. Because the tag calls for milk, does that mean there is enough milk in it to do any good? Because it says cod liver oil does that mean there is enough oil to protect your flock against A. and D. deficiency. No matter HOW you buy your feed you are entitled to know what goes into the ration and how much of each item, and the tested quality of the ingredients. When some hot shot salesman tells you that his feed is better than Umpqua, just sit down and then compare it with what goes into Umpqua Feeds. Any feeder may examine Umpqua feed formulas at any time and you may watch them mixed. Some day, and we hope it is soon all feed formulas will be printed on the tags just the same as analysis. We wonder what the talking point will be then?

We still believe the best known plan of buying feed is to buy direct from the mill making it. Fresh feeds, made daily direct to you, and the same price and quality to all. When some one proves a better plan we will change our system, to rebates, stock certificates or an extra can of honey but in the meantime we will continue to make the best feed possible and sell it direct to our customers at one profit.

BROILER MASH

When the broilers are ready for fattening, be sure to get some Umpqua Crate Fattener to finish them. Seven or eight weeks on Starter and two weeks on Crate Fattener will make fine broilers.

It may sound crazy, with such fine grass, but sheep cubes will make more milk, more fat lambs earlier, and less feeders.

POSSIBLY TRUE

A woman motorist was driving along a country road when she noticed a couple of men climbing a telephone pole. Turning to her companion she exclaimed: "The darn fools must think I never drove before."

EGG MASH PRICES EFFECTIVE TODAY

Plain Egg Mash ... \$1.90 Milk Egg Mash ... \$2.15 Sunrise Egg Mash \$2.00

YOU CAN PAY MORE—BUT YOU CAN'T BUY BETTER FEED

Chick Cheeps

Jim Mortensen went up to Corvallis and got his chicks. It's a good idea when you live in a town that gets its mail on a Star Route.

Mrs. Nance got her chicks last week, as did E. A. Schudelske of Sutherlin.

Mr. Gurney, Winchester, has a fine lot about a month old. Says they are doing about the best he ever had them do. The Umpqua Chick Starter is a little better this year than ever before.

Ed Thole, Coos, Jct., bought eggs from several different breeders, all using Umpqua Breeder's Mash, had them hatched at Shinn's Hatchery, and got 1176 chicks from 1440 eggs, or over 81% of all eggs set. That means good hens, good hatching and good Breeder's Mash.

BRANDED PRODUCTS

Talked to a lady yesterday who said: "I like to use products, especially Feeds sold under the Manufacturer's Brand. It sometimes costs a little more, but I know the Manufacturer takes pride in his brand, and takes great pains to keep it up to standard."

Every word of that statement is true, and the longer a branded product has been sold and given satisfaction, the more certain the customer may feel that he or she will get his money's worth. Umpqua feeds and flour have been sold for many years, and our volume is rapidly increasing. Our products must (and do) give satisfaction.

PLAY SAFE

When writing love letters to a girl, it's always wise to begin: "My dear Sweetheart and Gentleman of the Jury."

UMPUQA BRAND FLOUR FEED

When the motorist was driving along a country road when she noticed a couple of men climbing a telephone pole. Turning to her companion she exclaimed: "The darn fools must think I never drove before."

Wanted

POSITION with an American Family by extremely efficient household servants who work for just a few pennies a day. Will cook, wash, clean, iron, and take care of lighting, water, heating, refrigeration and some heat-sleep or eat ... always on duty 24 hours a day. Just flip the switch. REDDY KILOWATT Your Electrical Servant.

Imagine no human servants ever could provide the services that are yours to command from your electric servants. Perfectly cooked foods, spotlessly clean rooms, an abundance of continuous hot water service, sight saving light, entertainment, safely refrigerated foods, and more freedom for outside interests are some of the things your electric service provides for you.

These electric servants are highly recommended by every homemaker who has ever employed them. Employ electric servants in your own home and you'll forget a lot of budget problems. You'll forget a lot of personal problems too, such as tiredness, and its effect on your looks and disposition. Use electric servants all you can ... they'll more than pay their own way.

The California Oregon Power Company