ren; M. Kaufman, Scappoose; Allen Batchilder, Warren; G. A. Plieth, Sher-wood; F. A. Rowe, Portland; Henry

Baker, Banks; P. A. Freeman, Scap-

poose; H. E. Ginn, Scappoose; Dahl-gren Brothers, Warren; J. A. McKay

Scappoose; F. S. Barr, Grays Harbor

Wash.; O. M. Plummer, Portland; E. H.

Haskell, Portland; R. D. Snyder, Port-

Shows 728 Pounds

There are 66 cows on the honor rol

he top cow being Lindon Clara Pasma,

Holstein purebred, owned by H. Bouch-

ard of Hanaford valley. Her record is

kum Palmyra Butterfly Holstein 3-year-

old, was second; with 2184 pounds of

Cows to Be Tested

Eugene, May 6 .- A young Jersey bull

has been purchased by Ortho Stroube

JERSEY SALE ARRANGED

breeders of the county have appointed J. H. Taylor and J. R. Martin, prominent

dairymen, and D. T. Coleman, president of the Montesano National bank, a com-

CATTLE TEST WELL

Montesano, Wash., May 6 .- Jersey

Jersey Herd Grows;

Average Production

# REAL BENEFITS OF COOPERATION **ARE POINTED OUT**

cooperative organizations have sprung ip for the most part because of conditions which have made a better system of marketing a necessity. Each cooperamarketing association which is built ip about the marketing of some certain farm product must serve its members in several ways and bring to them some benefits which they could not secure from any other source. More than that, to be ultimately successful and hold their membership, they must bring some service of intrinsic value to members which on-members are unable to secure from any source, or are able to profit from in

To be ultimately successful then, each opperative must find a few ways in which to serve its members to advantage thout at the same time serving directly indirectly non-members, RESULTS ARE ACHIEVED

Many or the organizations are accomplishing this through various means, including grading to certain standards financing both during growing and selling seasons, by storing of goods for favorable markets and by reaching markets with their products which are not available to non-members.

There are many instances where the operations of cooperative marketing organizations benefit the non-member who s producing the same kind of a commodity, without such non-member incurring any of the expense connected with the marketing association. There are a number of farmers in every branch of e agricultural industry who will continue to enjoy the better prices and stabilized markets which the work of the association makes possible without emselves assuming any of the respon sibility or slight expenses connected with he work of the organization. Such a endition is bound to exist, for the alnighty dollar looks bigger to a lot of people than does their sense of duty neighbor producer.

NON-MEMBERS AIDED

Non-members are very often anxious te see the cooperative marketing or-ganization continue in business because of its beneficial effect upon stabilizing e prices and keeping prices at a prof itable level.

Since the majority of members of associations are fully occupied with prouction problems, it is primarily up to the officers and management of an organization to find or devise several ways which they can serve the members without at the same time benefiting hose outside of the association.

Through storage of flush season eggs many of the egg producers organizations are able to bring an added profit to the producers although at the same time aking these eggs off the market stiffens he price for non-members.

Careful standardization and the payent according to grades has greatly elped those producers who are success ully trying to improve their product. QUALITY IS FEATURE It seems that it has done even more

surchase merely by case count. Before producers organized the dealers nethod to improve the quality of eggs Corvallis Hens in taised in their territory.

Many producers are now raising birds hat lay superior eggs, making the gradng used by the producers organization real help. No doubt the dealers have ound themselves getting so much comnon and poor quality stock that they ave found difficulty in unloading upon the markets in competition with eggs produced in the same section but from flocks that lay a much more marketable egg. They have yet to develop a system which will bring to them only freshly laid stock that will compete with the fresh eggs furnished by the producers'

SQUIRREL DRIVE PLANNED Medford, May 6.-The Rogue river community staged a rodent drive May to rid that district of gray digger These little animals cause a extermination of these pests.

**JERSEYS** 

Production Jerseys

Cows are proving themselves reliable friends in troubled times. Grade cows bring worth-less calves. The Jersey is supreme in Ora-gon. See me for reliable information for the blood that is making Oregon Jerseys famous on official test.

K. HANNEMAN, CORBETT, OB.

GRAYMERE JERSEYS, BERKSHIRES

BREEDING STOCK FOR SALE

WARREN GRAY B. F. D. 2, Box J

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THE HOME OF CHAMPIONS.

Choice weanling pigs shipped any-where without a cent down and if same does not suit, return at my expense. Price reasonable.

A. N. DOERFLER, Silverton, Or.

POULTRY

WHITE LEGHORN

**BABY CHICKS** 

From TRAPNESTED STOCK at REASONABLE PRICES

On account of extra good hatches we find we are able to take on a few more orders on all our hatches in March and April. Plenty of chicks in May at reduced prices.

Write for mating and price list. Satisfaction Guaranteed ... Every Transaction

INWOOD LEGRORN FARM C. E. ARMSTRONG CORVALLIS, OREGON

#### APPLE BLOSSOM TIME IS HERE



liew showing one of the famous apple orchards of Wenatchee valley where the third annual Blossom Festival was held on May 5 and 6 From 32,500 acres of bearing orchards in this district 15,000 carloads of apples were shipped out last year. Extra heavy blossoming is re ported for most of the orchards in the Northwest this season.

Too many farmers still pursue the oldfashioned policy of breeding from the whole flock of poultry. It is far better to have just one or two small pens of your choicest fowls from which to set eggs and hatch chicks. Thus your standard of quality will show improvement

Young chicks in bronders are easily overheated after they get to be three or gon crop, in a new bulletin, "Seed Pofour weeks old unless the temperature is greatly reduced from that maintained first few days. If kept too warm, chicks will not feather out properly. Roosts should be provided when the hicks are about a month old, or a deep bank of straw may be placed at the side of the brooder house which will tend to by dissolving four ounces mercuric chlo spread the chicks out.

A small egg hatched may produce a large pullet, but she in turn may lay nothing but small eggs. Select the two ounce eggs for hatching, as that is the size the market demands.—O. A. C. Experiment Station.

#### Cattle and Horse Raisers Will Meet On May 24 and 25

The Cattle and Horse Raisers' Associadon of Oregon will hold their ninth annual convention at Enterprise, Oregon, May 24 and 25. The resolution recommended by the executive committee on April 1, to sid the livestock industry by for according to a recent announcement, the organization of a loan corporation which states that several of the big outorganization has forced the dealers or to recognize grades and pay more association, consented to indorse the or- led right, this treatment will kill most for the benefit of the livestock industry.

### Lead in Egg Laying Contest in Britain

Oregon Agricultural Coffiege, Corvallia, May 6.- A pen of White Leghorn hens wned by J. A. Hansen of Corvallis is leading the world in the international egg-laying contest at Suffolk, England, according to word received here today. The pen of eight hens laid 183 eggs beween February 15 and March 14, the nearest competitor being a pen of eight that laid 179 eggs. There are 133 pens in the centest, which is being conducted by the London Dally Mail, in conjunction with the Eastern Railway company. Tom Barron, one of the greatgreat yearly loss to the farmers, and est poultry breeders in the world, enplans are being carefully made to insure tered a pen of Leghorns whose record during the month was 127 eggs.

POULTRY

BABY CHIX

REDUCED PRICES on White Leg-horns, Reds. Barred Rocks, White Rocks, Minoreas and Anconas. Book-ing orders now. Postal secures FREE Catalogue. Write jodsy C. N. NEEDHAM SALEM, OREGON

RANEY'S RHODE

ISLAND REDS

\$12.00 Per Hundred

WHITE LEGHORN BABY CHICKS

From Corvallis' noted egg strains, elec-trically hatched. This low price on May 18 and 25 only. Order now.

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CORVALLIS, ORE.

FOR SALE-EGGS FOR HATCHING

From Lae's Bred-to-Lay Barred Rocks \$1.50 per 15, \$3.00 per 100; Mammoth Bronze turkey eggs, 50c each.

MRS. B. B. LEE, Neppel. Washington

8. C. R. S. Rods and Blue Andalusiana. Prize stock. Good hyers. Just rec'd 5 first prizes on Blue Andalusians at Seattle show. Eggs for hatching, \$3 per 15; \$10 per 100. Cockerés. \$5 to \$10. Have 4 breeding pens of each variety headed by carefully selected males. Mrs. d. W. Benny, R. S. Box 57, Seattle, Wash?

WHITE WYANDOTTES

Eggs for hatching at \$2.50 and \$3.50 setting of 15 eggs.
Baby Chicks 25c and \$5c each.

J. W. HOLMES, 4525 E7th Ave., PORTLAND, OREGON

PRIZE WINNING PURERFED
RHODE ISLAND REDS.
Noted for excessive laying. Both combs.
Dags for hatching, per 15, 43; per 140, 516.
Special attention given to correspondent

CORSETT, OREGON.

Hatching Eggs from the Best Reds on Pacific Coast.

Write for Prices, Mating List, and HOW TO MATE UP YOUR BIRDS.

\_\_\_\_\_\_

FARMERS' DIRECTORY

Oregon Agricultural College, Corvailis, May 6 .- Selection and treatment of potato seed are given as essential in bringing up the yield and quality of the Oretato Improvement," just issued by the O. A. C. experiment station. It was O. A. C. experiment station. It was 2025 pounds of milk and 77 pounds of written by G. R. Hyslop, chief of farm butter fat. Nathan Hamilton's Newau-

"Treat all seed with the corrosive sublimate solution," is the recommenda- mifk and 67 pounds of butter fat. The solution is prepared ide in one gallon bot water, and diluting this strong solution with 29 gallons of cold water. All vessels used as containers must be earthen or wood. This amount is sufficient for 12 to 20 bushels of seed tubers, usually about 16.

CLEANING IS FIRST of the Pleasant Hill Calf club from W. The potatoes are first L. Baker, Canary dairyman. The latter started six years ago with two Jersey horoughly and clipped into seed pieces. They are then treated in the prepared solution for 11/2 to two hours, unless heifers and one Jersey bull calf. Now well sprouted already, when the treat- he has 12 cows and four males, the ment should not exceed one hour. They additions being of his own raising. The cows will soon be put on official test and are expected to make a first-class are then taken out and drained.

This treatment has weakened the solution, and if it is to be used a second showing. ounces to one gallon water-should be added. If the treatment was for less than standard time, a smaller amount of the stock solution should be added. Continued use may be followed as long as

or eight times.

By washing dirty potatoes 12 to 24 of pure bred Jerseys. A strong demand as a text Professor W. bard source will be softened up. should be planted in Oregon without this treatment.

BLOSSOM ENDS SAVED

The blossom end piece has been shown by many years' investigation at the college station to be the best seed. The common practice of splitting this end impairs the plant and decreases the yield. An illustration of a clipped potato with blossom end intact is given in the bulletin. Several advantages come from planting the blossom end.

The other parts of the potato good seed if clipped large enough to have plenty of eyes. No piece should have fewer than two eyes—more are better.

The cut seed is coated with land plaster after draining out. wet it is shoveled over with land plaster, which then hardens on the surface. This coating prevents much rotting in the field and is thought to stimulate growth. A hundred pound bag of land plaster is enough to coat 35 to 40 bushels. After coating, the seed should be planted at once or else spread out thin to dry before spoiling.

TO IMPROVE YIELD

This plan, with nine others, are recom-mended in the bulletin as means of improving the yield and the quality of Oregon potatoes. Federal reports are quoted to show that the average yield Oregon for the last 50 years has been only a little more than 100 bushels per acre. Professor Hyslop thinks growers may safely count on increasing their yield 50 per cent by observing the recommendations, which are based on careful investigations at the college station and on study of conditions in growers' fields. Growers may get free copies by application to their county agents.

#### Federal Hunters Kill 1141 Coyotes

Spokane, Wash., May 6.—Coyotes killed in Washington by government hunters from July 1, 1921; to March 1, 1922, totaled 1141, according to Glenn R 1922, totaled 1141, according to Glenn R. Bach, predatory animal inspector of the state. Bach, representing the United States biological survey, has a collection of pelts on display at the sportsmen's and tourists fair. The total is expected to reach 2000 by July 1. More than 150,000 jackrabbits were killed in the state last year, according to figures compiled by Leo R. Couch, in charge of rodent control of the state. Must of the rabbits were destroyed through drives, traps and poison.

#### Clackamas Jersey Club Will Meet

The Clackamas County Jersey Cattle club will hold its next meeting at the home of A. D. Gribble, 4½ miles south of Canby, on Saturday, May 13, at 19:39 a. m., according to a letter received from Secretary John L. Leinhart. Arrangements for selecting a county herd for the state fair, for which three prizes are to be awarded, will be discussed.

BATION FOR DAIRY COW Sandy, May 6 .- The talk on a balanced ration for dairy cows given by Neal Jamison of the O. A. C. extension service at the Malar home at Firwood recently was well attended and much appreciated.

An automatic fire alarm invented in Europe is operated by the light of the flames when a fire begins.

#### Farm Bureau Given Two More Members To Aid Marketing FRAKES HERD SOLD

the marketing committee of the Farm unfavorable a fair-sized crowd attended Bureau federation of Clackan the P. A. Frakes sale of Holsteins on Mrs. A. I. Hughes and N. H. Smith. the Lakeside stock farm near Scap-The committee has plans under way poose. Wednesday. Most of the animals for the formation of a potato organizawere from the Frakes herd, although a tion to handle the marketing of the few more consigned by John Farr and local crop. The potato project, including J. A. Morassa, both of Warren, Or. The the improvement of the yield, is one of sale was under the auspices of the Orethe problems to which the farm bureau this year is giving special attention. The gon Holstein Association Breeders, with F. W. Connel, president, and O. L. Dun-iap, secretary. Colonel J. W. Hughes of Forest Grove was the auctioneer. vorking out of the marketing problems in other lines, including the berry and small fruit industry, is in the hands of Inka Pontiac Korndyke, who topped the sale, was purchased by E. E. Weist of Scappoose at \$185. Other bayers were: Werre Brothers, Sherwood; Wilwere: Werre Brothers, Sherwood, war-liam Hartell, Astoria; P. Maracci, War-

# TAXES HIGH HERE.

Mr. and Mrs. J. B. Neil, who own a high-producing and show-winning herd of Jerseys located near Turner, Or., are very enthusiastic about Oregon, its wonderful soil and climate, but cannot understand why the taxes here should be 34 and 35 mills, besides school and spe-In Test of Cows cial taxes, while they were never above 24 mills in Connecticut, where they had all paved highways, electricity, gas and Chehalis, Wash., May 6 .- Claude S. water available for farmers. The Neils Anderson, official tester for the Lewis did not investigate the taxes before lo-County Cow Testing association, has cating in Marion county, and believe, had they done so, they would have hestued his report for April. There were 444 cows under test. Average produc-tion was 728 pounds of milk and 30.13 tated before buying their present farm. The Meadowview Jersey farm is the name Mr. and Mrs. Neil have given their pounds of butter fat. The milk production is 19 pounds less than in March, farm, and they are modernizing it in owing to the shortage of feeds. The butlarge herd of Jerseys, with type and eco-nomic production as their slogan. terfat test is, however, .8 of a pound

#### Dr. Phy's Cow Has Oregon Record for 3-Year-Old Class

La Grande, May 6.—Word has been received here from the Holstein-Frieslan association that Hazelwood Josephine Korndyke, owned by Dr. W. T. Phy of Hot Lake, is now the Oregon record holder in the junior 3-year-old class for 305 days butter fat production. She displaces the former champion, Clothilde Hengerveld Washington, owned by Henry McCall of Prineville. Dr. Phy's cow has made a record of 17,324.9 pounds of milk and 603.99 pounds of butter fat in 305 days, which i equivalent to 1754.9 pounds of butter.

SPRAY FRUIT TREES The Multnomah county fruit inspector has sent out a warning that fruit trees should be sprayed as soon as possible. But 21 spray machines are doing commercial work in this county this year.

USE O. A. C. TEXTBOOK Oregon Agricultural College, Corvallis, May 6.—Fourteen leading colleges hav-ing a course in drainage have adopted as a text Professor W. L. Powers' new

COOPERATIE UNION

Oregon has 50,206 farms with only 42,691 head of breeding hogs, including scrubs and purebreds of all breeds. There is in the state an average of a little better than one head of brood the 1920 United States census. The United States department of ag-

riculture gave out an estimate tha \$20,000,000 is wasted annually by farmers in America by feeding scrub swine Oregon has 11,617 head of purebred hogs, all breeds included, which means that there is only one purebred hog for each four farms. Arrangements have been made with the Poland China breed promotion com-

mittee of Peoria, Ill., for a futurity show for the 1922 Oregon State Fair, carrying \$1000 in prize money, the fair and the committee each guaranteeing 50 per cent of the money.
This purse in addition to the money

offered by the fair association in the open classes, will make the prize money for this one breed aggregate nearly \$1600, and consequently assures a large

## Production of Milk Shows Falling Off

Montesano, Wash., May 6 .- A slightlower production of milk and butterfat is shown by the April Cow Testing association report. L. D. Fairbairn, official tester, reports that 268 of the 317 cows in the association were tested this month, with an average return of \$28.3 pounds of milk and 30.5 pounds of butterfat. Forty-seven cows produced more than 40 pounds of butterfat during the

In class one, 15 cows or more milking, the Holstein herd of J. B. Ebinger led with an average milk, production of 1357.3 pounds and an average of 44.5 pounds of butterfat. In class two, fewer than 15 cows milking, Ed Valentine's Holsteins led with an average of 1169.4 pounds of milk and 38.1 pounds of but-

W. S. Valentine had the best purebred cow for the month, and a scrub cow owned by J. B. Ebinger led the entire testing association by producing 1323 pounds of milk and 62.18 pounds of but-

#### Dekalb County, Ind., Association Solves Fat Hog Problem

Members of the livestock shipping associations in Dekalb county, Indiana, have solved the problem of having fat hogs on hand just when they are ready to do their home butchering, and the United States department of agriculture thinks the plan could be worked by other cooperatives.

Many of the members of the association who do home butchering often found themselves with hogs ready for market or slaughter before the farmers were prepared for the work. Under these conditions they arrange with the CATTLE TEST WELL
Springfield, Or., May 6.—A Farmager of the association to ship their walbany. Or., May 6.—In five communities near and including Albany 32 out has been organized at Mount Vernon, mais are ready, and later, when the of 1917 cattle tested have reacted to Officers elected were J. W. Hoppe, farmers are prepared to butcher, they begins tuberculosis tests.

Officers elected were J. W. Hoppe, farmers are prepared to butcher, they begins tuberculosis tests.

# A Duroe sow owned by Charles E. Herman of Antelope, Or., is believed to have produced the largest litter of pigs on record in Oregon. Her first litter was 14 pigs, her second litter 16 pigs and her third litter 20 pigs, 12 of which are alive and at her side teday.

The hogs are sold to them for the net market price returned to the members contributing hogs to the shipment. This ticulture at Oregon Agriculture college practice is an accommodation to the for 11 years, where he established on the members as often a farmer who is said. members, as often a farmer who is raising hogs for home slaughter is not ready to butcher at the time the hogs are in best condition and he is not prepareed to feed them as long as he desires.

STUMP BLOWING DEMONSTRATED Grants Pass, May 6.—Farmers of this tions of proper and poor methods or blowing stumps at a land clearing school here recently. Several reels of pictures showing various methods of clearing land were also shown. Earl F. Price from O. A. C. was one of the pri cipal speakers.

#### SHADELAND CERTIFIED SEED OATS

Shadeland Triumph, Climax, Senator In Report for April For April and May seeding. Mature in Greatest yielding Oats known.

For samples and price write SHABELAND FARMS, Amity, Oregon



HIDES-WOOL

Write for Prices and Shipping Tags. PORTLAND NIDE & WOOL CO., GEORGE M. SULLIVAN, Manager, 107 Union Ave. N., Portland, Or

#### Growers' Body Pays Honor to Ex-Manager

C. I. Lewis, retiring assistant ger Cooperative association, was guest o ionor at a farwell party April 28, giver by his friends. Lewis has been with ing the work in 1919, as the head of the department of organization. He was formerly chief of the department of hor



yard. Use on wood or iron posts, Iron and wirework, ladders, etc. ASK FOR CATALOGUE

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This is the size recommended by the Western Washington Experiment Station—we carry them in stock for immediate shipment. immediate shipment.

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The feeds that furnish the maximum of milk-producing elements per dollar invested.

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"We have on our ranches other silos and we are frank to say that the Simplex is far superior to other silos in our use, or any other we have seen or investigated. We will buy some more silos—and it is needless to say we will buy Simplex silos al-together."—Smythe Brothers, Portland and Pendleton, Oregon. We have hundreds of letters on file rom satisfied users of the



The Simplex is a silo with a record of achievement behind it. Inded and tested under the most exacting conditions, "I have used the Simplex for three years and have not even had to tighten or loosen the hoops since the first year," writes R. A. Church of Hauser, Oregon, "I am recommending the Simplex silo to my neighbors," J. F. McKee, Creswell, Oregon.

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Crisell Tangent Top. Keeps structure in perfect circle at all limes.
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a maximum of power at least cost.

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OilPull records are due largely to Triple Heat Control. At the recent National Tractor Demonstration at Fargo, N. D., an OilPull won the Fuel Economy contest. Its record was 30% less than the average among all tractors. Thus, an OilPull easily retains the fuel-econor leadership held during the past 10 years.

Portland, Oregon

kerosene tractors, steam engines, grain and rice threshers, alfalfa and clover hullers and farm trucks