AGRICULTURE AND LIVESTOCK NEWS

Up-to-date Information to Help Develop Progressive Farming

OREGON'S HOG SITUATION

in Oregon in the past 2 or 3 months. station.

Around the first of the year it was comparatively easy to assemble a carload of breeding sows for sale; in fact several such sales were held, and wherever good breeding sows were chicks that is bringing inquiries to ment of Agriculture there were 158 of offered in a sale, they brought prices the veterinary department is caused such associations, as compared with satisfactory to the selleras well as by improper brooder temperatures. the buyer. It is apparent now that Brooders kept too cold causebowel brods sows have been scattering out troubles, while if allowed to get too over the farms of Oregon, not only warm weak legged chicks is usually through carload sales but in sales of the result, one, two or three head, with the result that at the present time it seems onext thing to impossible to find a brood sow that is for sale. Apparently so far as the supply of brood sews land and in rows 24 to 36 inches in Oregon is concerned, they are all apart, depending on whether hand or being put to maximum use. In the horse cultivators are used. Mid April past two or three months quite a large to early May planting is best, and number of good quality brood sows about one inch is the proper depth. have gone through the Portland Union Screening the seed into large, med-Livestock market to the killers. Steps lum, and small sizes makes it easy have been taken now by the Live- to get an even stand with a seeder. stock Exchange and the Portland Union Stock Yards Company whereby no good piggy brood sows are allowed to be killed, but whenever offered they are picked up and put in a special division in the Stock Yards where they are immunized and held for sale to the farmers of the Pacific Korthwest at practically pork prices. Quite a business is being done in these brood sows at the Stock Yards at the present time. On account of so many hogs arriving at the market, it will probably be possible to assemble as it has yielded four to five tons of hay many as a carload of these brood an acre through eight years. sows on fairly short notice. This indicates that every effort is being made to conserve the hog breeding stock of Oregon at this time. It is possible that the point may be reached where it will be necessary to bring in brood sows from outside points be cause the demand is so strong. Here is an opportunity for farmers living within a radius of fifty miles or so of the Stock Yards at North Portland, and who want one or two piggy sows, to get what they want at reasonable price. They will be crated and shipped. Address communication to Portland Union Stock Yards Co. C. M. McAllister.

Feeding Brood Mares

Pure-bred mares in foal need a liberal grain ration throughout the period of pregnancy. If these mares are being used at light work, we suggest feeding them about 15 pounds daily per head of a grain mixture of three parts oats and one part each of shelled corn and bran. If the work is fairly heavy, a 1,500-pound mare will need a little more than this amount, while if she is idle, the daily feed may be cut down to 10 to 12 pounds.

We would feed a daily allowance of about 15 pounds of mixed hay, providing it is bright and clean. If available, alfalfa may be safely used as a part of the roughage ration. Eight to ten pounds per day might be allowed each mare, together with some coarser roughage such as timothy or

The feed must of course be cut down at foaling time and for a few college of agriculture. Creosoted days thereafter, using bran and oats as the grain feed at this time. Reg- an extent as uncreosoted floors. This ular watering and access to salt are always important in the care of brood

It is obviously unwise to work these mares very hard because sudden SPRAY PROGRAM FOR CHERRIES strains may easue abortion. It is also inadvisable to allow these mares together in a small enclosure. Mares in foal are apt to be ill-tempered and the insect pests for which sprays are will frequently injure one another as generally applied we have the San well as their unborn foals.

working pregnant mares about two lime-sulfur 12-100 plus nicotine sulweeks before they are due to foal. phate, 1 pound to 100 gallons should Light work should not be given them be applied just as he buds are swelluntil at least two weeks after foaling, ing and before they open. and they should be gradually accustomed to heavier work.

Tying the Fleeces Explained

The best wool on the sheep is found over the shoulders and along the back andevery fleece should be graded on the basis of this wool because it constitutes the major portion of the fleece, says H. A. Lindgren, extension specialist in animal husbandry at the Oregon Agricultural college. Tying the fleece so that the good wool is on the outside is, therefore, not only an honest practice but is the way the buyers want it for inspection and

To tie a fleece properly it should at three week intervals. This will be intact when removed from the also check brown rot to a considersheep. Then spread it out on a clean able extent. It is probably best not floor with the shorn side down. Gath- to spray during the month immediateer up the loose locks, belly, and ly before picking but if leaf spot has britch wool, and place it in the center of the fleece. Then turn over a en just after harvest. In many orthird of the fleece from each side to chards leaf spot is practically unthe center and make one fold at the neck. Next start to roll the fleece from the rear, making a tight bundle, and tie it with paper twine. This method of tying makes an attractive bundle and puts the back and shoulder wool on the outside.

Maggot Free Radishes

maggot injury is easily possible and practical by use of cheap screen We are all familiar with the fact frames over the beds. Roof shaped that there is a serious shortage of frames 10 feet long, 21/2 feet wide and hogs in Oregon as well as other I foot high made of light material States of the Pacific Northwest. We and covered with coarse cheese cloth have been aware of the fact that large or wire screen give excellent protecshipments of live hogs have been tion from the little flies that deposit brought into the Oregon market cen- the eggs. These are light enough to ters from as far East as the Dakotas move with reasonable ease and with and Kansas. It has been apparent for any care will last several seasons. some time, especially since the price The slight shade afforded by the of wheat has come down that the screen assists in the growth of radfarmers of Oregon can profitably go ishes and keeps them tender for a into the raising of hogs for market. longer period, With three such frames It may be interesting to review at this placed over successive plantings 100 time what has been accomplished in per cent magget free radishes may be the way of increasing hog production had all season.-O. A. C. Experiment

Watch Brooder Temperatures

Much of the trouble with young

Mangels Need Rich Soil

Mangels should be seeded on rich

Sow Alfalfa Now

Mid April is one of the best times to sow Grimm alfalfa on the sandy bottoms of the Willamette valley. Fifteen pounds to the acres on a fine, firm, seedbed planted not more than an inch deep is best. Landplaster, 50 pounds to the acre, will usually give it a better start. Alfalfa is the best forage crop for the well drained river bottoms. At the experiment station

Harvest the Cutworm Crop

Our most injurious garden cutworms pass the winter partially grown caterpillers in garden soil. Destroy the cutworm crop before the garden plants are available for them. This can be done by broadcasting poion bran mash over the garden plot as soon as the soil is thoroughly preworm formula is bran 15 pounds, calcium arsenate or lead arsenate four ounces, salt four ounces, molasses or syrup two quarts, and water to make coarse crumbly mash.

The Value of a Ton of Manure

We roughly estimate that on the ordinary corn belt soil a ton of manure properly spread has the ability to increase the yield of conr by about two and a half bushels, the yield of oats by two bushels, and the yield of clover by two hundred pounds. In other words, with corn at 40 cents a bushel, oats at 30 cents and clover at \$10 a ton, manure would have the value of about \$2.60 a ton spread on the land. On our richer soils manure will not have this great a-value, but on poorer soils, it will have an even greater value.

Creosoting Hog House Floors

If wooden flors in hog houses are reated with creosote, their usefulness will be practically doubled, according to J. C. Wooley, of the agricultural engineering department of the Missouri floors do not swell or shrink to such prevents large cracks from forming and makes the floors more easily kept clean.

An elaborate spray program for cherries is usually unnecessary. Of Jose Scale and Aphids. For the con-The safest policy is to discontinue trol of these a combination spray of

> Because ants carry aphids up the trunks to reinfest the trees it is advisable after spraying to band the trunks of the cherry trees with a strip of treetanglefoot two and a half inches

Where blossom blight caused by the brown rot fungus is troublesome a spray of Boredaux 4-4-50 should be thoroughly applied just as the first blossoms are starting to open, but in many orchards this trouble is not sufflicently serious to require attention. Where cherry leaf spot is bad several spraying with Bordeaux 4-4-50 will effectively reduce the injury if applied beginning about the last of April or first of May and repeated known and special sprays for this may be omitted.

The cherry slug is frequently serious, causing skeletonizing of the foliage. Lead arsenate 2-100 applied from May 20 to 28 will control.

The cherry fruit magget can be controlled by sweetened poison bait for the adults. See notes on important Early radishes entirely free from orchard diseases and pests,



GAIN OF BULL ASSOCIATIONS

Increase Attributed to Fact That Farmers Are Beginning to Realize Value of Quality.

(Prepared by the United States Department of Agriculture.)
A gain of 35 co-operative bull associations during the past fiscal year indicates that dairy farmers are beginning to appreciate the value of such organizations. According to the dairy division of the United States Depart-123 a year ago. This is an increase of 28 per cent, a very satisfactory gain in view of the comparative newness of

This increase is attributed by the department to the fact that farmers are beginning to become acquainted with the benefits which other farmers have derived from this form of cooperative breeding. Both federal and state workers have found that mem-



Use of Purebred Sires as Improvers of Productive Capacity of Cows Is Rapidly Gaining Favor.

bers are being benefited by such cooperative associations even more than the organizers had anticipated.

Some form of co-operative breeding is essential to the proper growth of pared for planting. The standard cut- the dairy industry in many sections of the country, for the reason that the average herd at present is so small that the owner cannot afford to buy a good purebred bull, and it is certain that the herds of the future will not be large enough to change this condition materially. The movement to get more people living on farms and in vildiminish the average size of the herd, for the one or two cows kept by each family are really a herd in themselves, but owners of small herds cannot afford to keep a bull. They, therefore, depend upon neighboring bulls, and the co-operative association is one means of providing for such cows the

service of high-class bulls. The dairy extension men in South Carolina, for example, realizing the importance of the co-operative bull association, have made it a part of their campaign for "two cows to each rural family," and they have set as a goal the organization in their state of 114 co-operative bull associations,

Phone 276-W

HON. LOUIS E. BEAN, CANDIDATE, SPEAKS

neeting last Tuesday.

Eugene gets factory to make stock

Forest service to build 500 miles road in 1922, costing \$281,000, 434 miles trail and three bridges. Total

\$413,000 will be spent, Reduction in cost of Corvallis

North Bend-150 men employed here loading ships.

\$2600 a year. Pilot Rock has cut teachers' salar-

Reedsport to build 100 new houses this year.

Beach points about one-half. Oregon Electric may be extended rom Eugene to Springfield.

Astoria effects a saving of \$11,000 n teachers' salaries.

Bend.

Bend-Broks-Scanlon mill shipped ,000,000 feet in March and with Shevnonth.

North Bend-South Inlet gravel ound rich in gold.

oom this spring. Roseburg-Coos Bay highway to be

Tillamook-Wheeler sawmill at Cochran closed since November, to

ing 1921 for building purposes. Klamath Falls-\$150000 appropriation made to fight pine beetle pest.

Eugene-Construction to start on new \$60,000 plant of Eugene Farmers' Creamery

for purchase and improvement of wa-

tion of Klamath county planned. smaller lumber concerns here resume operations.

The Dalles-Transfer of O. W. R. N. Co.'s tie-treating plant at Weyth to this city means another annual payroll of from \$135,000 to \$150,000.

108 Fifth St. Between Main and Water Sts.

AT LUNCHEON

Louis E. Bean, candidate for gover- of \$15000. efore the Live Wires at the noon The speaker dwelt briefly on sever-

al issues of this campaign, He pointed out that only 22 per cent | Creswell. of the population pay the taxes; that the state taxes almost equalled in amount the value of the products ofthe Willamette Valley farms while over one billion dollars is tied up in non-taxable bonds and securities held by individuals and corporations in the

As a chief remedy Mr. Bean suggested an income tax. He was accompanied by Lloyd Riches a former newspaper representative of this city and now of Vale, Oregon.

OREGON INDUSTRIES

Weekly Record of Industrial Conditions Gleaned From Reliable Sources Over The State

nd poultry feed.

PacificTelephone Co. planning new trunk line from Eugene to Roseburg. Prineville-R. H. Jones takes over Central Oregonian

schools this year \$10,000.

Cottage Grove reduces school tax

es \$10 a month flat,

Union Pacific cuts fares to North

American Legion builds swimming ank at Redmond, dance hall at North

lin-Hixon Co. cut 20000000 feet that

La Grande experiencing building

finished this year.

reopen May 1. Astoria-\$42,804 expended here dur-

300 men to be employed.

Sherwood votes \$12,000 bond issue

KlamathFalls-Development of 20,-000 acres land in Fort Klamath sec-Philomath-With coming of spring,

Gilde votes \$25,000 school bond is-

start at once.

Eugene-New 2-story

\$30,000 lodge building.

prune pool netting \$100,000 to growers hardly stoop to do any lifting and my Buffalo, N. Y. To erect new friut packing house at

Stayton-\$50,000 in improvements being made in woolen mills here; will triple capacity of concern.

BACKACHE IS DISCOURAGING

But Not So Bad If You Know How to Reach the Cause

Nothing more discouraging than a constant backache. Lame when you awaken, pains pierce you when you bend or lift. It's hard to work or to rest. Backache often indicates bad kidneys. Oregon City people recom-

Carefully sealed cylindrical carton insures absolute

Albers

Flapjacks

the

hotcakes

of the

West

The Time to Buy

Is when others are not buying

When spring opens there is

If you want a city home, a

farm or any property, look them

over now and save mone.y.

Insurance that

Insures

E. E. TEEPLE

7191/2 Main, Oregon Or.

Seven strong companies, fire,

burglary, forgery,

Come in and see what I have,

always a buyers' rush, and

prices always follow demand.

-when money is rather close

and prices are low.

causality, auto.

Grocers

Albers

Quality

Recommend

Wallowa-\$47500 school bonds mend Doan's Kidney Pills. Ask your kidneys acted irregularly, Doan's Kidold; construction of new building to neighbor?

block will be constructed here at cost Pills have helped me and I gladly kidneys."

ney Pills from the Hunticy-Draper E. Schuld, carpenter, 119 - 18th St. Drug Company soon fixed me in good business Oregon City, says: "Doan's Kldney shape by strengthening my back and

recommend them to others, My work Price 50c, at all dealers Don't or spoke briefly on poiltical issues Oregon City-Odd Fellows to erect is hard on the kidneys and often I simply ask for a kidney remedy-get had spells of lumbago. I had a dull Doan's Kidney Pills—the same that Eugene Fruit Growers' Assn. closes aching across my back and could Mr. Schuld had. Foster-Milburn Co.,

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has the agency for the Mandel Phonographs which is as good as the very best instrument sold by any one, at a remarkable low price of \$75.00. Also Gennett records for 75 cents. All of the very latest ones out are carried in stock.

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Men's and Boys' Shoes, Gloves, Laces, Shoe Polish, Oils and Greases

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A Special Showing of New Spring Lines of the Famous

Phoenix Silk Uderwear and Hosiery FOR PARTICULAR WOMEN

The superior merits of the famous Phoenix Silk Underwear and Hosiery are so universally known to women who insist on having the best in style, quality, fit and finish—as well as the most in value for their money that it is needless for us to go into further detail-suffice it to say-our new Spring and Summer stocks are now complete, and selections can best be done at this showing:

Phoenix Fiber Silk Vests at \$1.95

An extensive variety in the popular bodice top styles, in flesh colorsizes 36 to 44.

Phoenix Full-Fashioned Silk Hose

At \$2.10 At \$2.55 At \$2.85 Pair

Strictly high-grade, full fashioned Phoenix Silk Hose in black, brown and white-all sizes. Unsurpassed in quality at these prices.

PHOENIX SILK VESTS AND BLOOMERS

Vests at \$2.50 and \$2.75

Bloomers at \$3.95 and \$4.25

Fine Silk Knit Undergarments in plain and in Richelieu weave-Vests in bodice top styles in flesh, white and orchid; Bloomers made with reinforced crotch-elastic waist and knee-colors grey, green, flesh, white and black.

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Just such Ribbons as are in greatest demand for the trimming and making of Hats, Waists, Dresses, Underg arments, Bows, Bags, Sashes, etc. Plain colors and novelties in all widt hs, and all at new low prices.

Narrow Silk Moire Ribons in plain colors and amber effects 20c and 25c yard.

Double-Face Two-Tope Ribbons, all collors, plain or with Picot edge 20c and 25c yard. Grosgrain Ribbons is black and colors or with Picot edge; Nos. 3 to 16.

New Garter Ribbons and Garter Tubular Ribbons in all colors and combinations. New Wash Ribbons in all widths from No. 1 to No. 7. Plain oclors and light combinations. New wide Metal Ribbons in styles and colors especially adapted for vestees, hats, bags, sashes, etc.



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