对国家的政治性的公司可

PAGE TWELVE



SEED LANU Craft Seeds Acreage 100

Times as Fast as Man At Low Cost

A new and profitable use has been discovered for airplanes. They are being used as an agricultural implement.

Seeding of large areas of log-ged-off grazing land by airplanes is coming into rather general practice in certain sections of Ore-gon, Washington and Idaho, ac-cording to William L. Teutsch, assistant county agent leader at Oregon State college. Five thousand acres of logged-off land in these three states have been seeded by this means in the last two years.

Advantages Listed "The planting of grass seed by airplane has several advantages," Teutsch says. "It can be done at a third to one-half the cost of hand seeding with much greater. speed. Most of the Pacific coast cut over land is rough in topography and consists of steep hills, galleys, creeks and abrupt canyon walls. In addition, charred logs, limbs and stumps, which remain after burning are 30 tangled and heaped together that great difficulty is experienced in walking in a straight line, a necessity in uniform hand seeding. Airplane seeding avoids this difficul-

Cockpit is Hopper The common practise in destributing the seed, as explained by pit as the hopper, lining it with in diameter. This spout extends as. through the bottom of the fusilage and in it is installed a valve which is controlled by the pilot sitting in. the rear cockpit. The seeding is done at an elevation of 500 feet. Under ordinary conditions a

plane can seed 1500 acres in two or three days where a can can seed only about five acres a day under the best conditions. An average cost per acre, not counting the seed, is 50 cents an acre for the airplane.

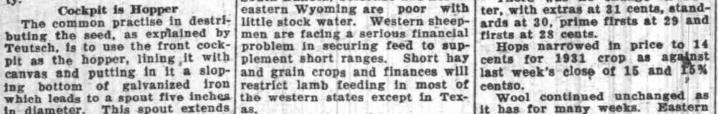
field is given by Teutsch to Dr. Earl Lowe, a practicing physician of Coquille, who seeded 1000 acres Credit for pioneering in this

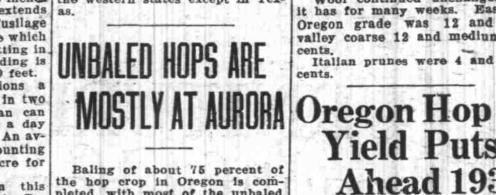


EDITOR

William B. Smullin, Willamette university graduate in 1928. who has recently been named advertising manager of the Oregon Grange Bulletin. Smullin's office will be in Portland. He will be active in the pro-gram of enlarging the size and circulation of the Bulletin. Prior to accepting his new duties, Smullin was managing editor of the Southwestern Oregon News at Marshfield.

Utah, Nevada, Idaho, Montana, Straw was 6 to 6.50 a ton. South Dakota, Colorado and north-





during the week.

time last year.

ported at 14-14 1/2-15 cents per

bound net to growers for best

clusters, according to quality and

far taken, is reported as being

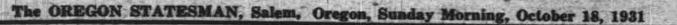
not quite so good as last year.

Choice quality lots particularly,

are not quite so plentiful as in

1930. Trade estimates continue to

Harvest Down;



Farms and Their Workers:

Size of Flock is Vital Point in Producing Egg At Least Possible Cost 50 TO 75 CENTS

Portland Shows Wheat up Two Cents; hay Steady; **Butter Same**

HOG PRICES DOWN

3.75 for common.

cents

Yield Puts

is given at 15 to 50.

this year than choice.

roads into some of the yards.

were mostly around 14c net to the

en flock large enough to be eco-Builter Same PORTLAND, Oct. 17.—(AP) A slackening tendency was found in hog prices here at the close of A slackening tendency was found in hog prices here at the close of A slackening tendency was found in hog prices here at the close of A slackening tendency was found A slackening tende

from 50 to 75 cents. The heavy grades, 250-290 lbs., were quoted at 4.50-5.25; 200-"is the fact that Oregon commer-make up for the slight decrease "is the fact that Oregon commer-"is the fact that Oreg the market today with stock down, eggs.

220 pounders were 5.00-5.75 ,all cial egg-producing flocks are off 50 to 75c. Feeders and stock-ers were 4.25-3.00 as against last for the most efficient operation. week's close of 4.75-5.50. and too small, though profitable Cattle were unchanged. - Good hens are kept, to provide a suf-steers were 6.00 6.75; cows 4.00- ficient total net income."

Only Half Enough The economical size of commer-cial flocks is estimated, by the 4.50, and choice vealers 7.50-Lambs advanced fractionally.

college poultry experts, at from Good 90 lb. stuff was 5.00-5.50 1200 to 1500 as the minimum. as against last week's 5.00-5.25; This is about twice the size of the other grades were unchanged at present average flock. On the di-3.75-5.00 for mediums and 3.00versified farm 400 hens comprise Wheat improved two cents. Big

Bend was quoted at 65 1/2, soft white and western at 50 1/2, and hard winter, northern spring and western red at 49 %. Oats, both



Amity-Frank Rosenbalm won-There was no change in butders what advantage people here a ten pound carp in Salt Creek, immediately back of the place where he lives.

Hazel Green-Louis Garberdi-Oregon grade was 12 and 15; no has rented 14 acres of land valley coarse 12 and medium 13 from Ronald Jones and will plant it to Marshall strawberries. Plow-Italian prunes were 4 and 7 1/2 ing has already been done. The tract lies west of the Looney farm.

Scio-Members of the Scio Berry and Fruit Growers' association have solicited additional the 34 members now represent more than 200 acres, according to the secretary, L. E. Shimanck. Ahead 1930

OREGON STATE COLLEGE, better unit, if other enterprises orvallis, Oct. 17-Is your chick- and the physical health of the Corvallis, Oct. 17-Is your chickoperator permit the expenditure of the time required.

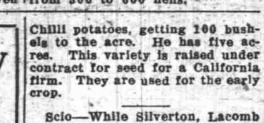
Contrary to popular opinion the survey shows that the produc tion per hen in the larger flocks is very little less than that of the smaller flocks. The saving in time per hen in the care of the large

in the production per hen. Production Figures Figures gathered show that the flocks of from 300 to 400 hens

averaged 173 eeggs per hen, and the cost per dozen was 28.8 cents. Flocks of from 900 to 1200 hens produced an average of 168 eggs

per hen, and the cost per dozen was 28.6 cents. Flocks included in the survey

raried in size from 108 to 2640 hens, with the average for the 441 flocks at 615. The greatest about the mfnimum economic unit number fell in the group with whie 600 hens comprise an even from 300 to 600 hens.



and other places are "sporting" fresh strawberries, several farmers in this section call attention find in going to the coast to fish, to the fact that they had strawwhen they can land 'em in their berries almost continuously since back yards, almost literally speak- May. I. G. Faltus and Lada ing. Rosenbalm this week caught Krumy have had berries on the market recently.

> 18.5 Bushels of Spring Wheat is State's Average

Oregon's combined spring wheat yield averaged 18.5 bushels per acre, although the crop was a failure on many farms. Some yields, berry acreage ,with result that especially on irrigated lands, were enough to bring the average up. Oregon produced 1,980,000 bushels of spring wheat.

Oats yields averaged three bush-Aurora-A gopher carrying a els per acre higher than the esti-With hop baling all over Ore-trap set the previous day by Geo. mated yield a month ago, or 37 myirtually completed, and final Miller, was discovered one night bushels. Barley averaged 34

TREE STOCKS OPEN Fruit on Bear Farm Takes no Back Seat TO FARMERS NOW For Strawberry Tale Species Are Available

News of the Prosperous Willamette Valley

interest to its Diversified Farmers.

and of the Varied Agricultural Pursuits of

Through State Forest **Nursery at Corvallis**

Eleven species of trees are again available for distribution from the state forest nursery at which add to the appearance as well as usefulness of the farm-stead. Thousands of these trees,

have been distributed over the state in the last few years, many of them now thriving in regions where there were few native trees.

Fall planting of these trees is recommended west of the Cascade mountains, where moisture is more abundant and where frosts

are not so severe. Planting at this time of year permits the roots to become well established by the time the growing season starts in

elder, green ash, Russian olive, western yellow pine, Scotch pine, Russian mulberry, western red cedar, Douglas fir, Port Orford ce-

suitable for eastern Oregon and all will grow in western Oregon, according to Dean George W. Peavy of the school of forestry at Oregon State College, who is in charge of distribution.

The trees are small, ranging from one to three years in age, which makes them easy to ship and more likely to be transplant-ed successfully. A charge of only \$2.50 per thousand or 25 cents per hundred is made by the state, with no order accepted for less than \$1. County agents are ready to cooperate in suggesting best species for any locality and, in giving suggestions for planting.

SERIES MEETINGS SET FOR FARMERS

DALLAS, Oct. 17-The regular quarterly meeting of the Polk

day, October 21, with the Lucki-

cording to H. P. Gilliam of Perry-

dale, who is president of the un-

TURNER, Oct. 17 — As mention has been made of ripe raspberries, which are found in a few localities, Turner can boast of ripe red raspberries which have been picked twice a week for ta-ble use and canning since the last of August. WALDO HILLS, Oct. 17-Floyd Fox returned Wednesday night from Salt Lake City to his home, the Waldo Hills Stock Farm. He brought with him sev-They are to be found in the garden on the C. A. Henr farm and are of the ever en championships, won by his widely known Shropshires. He made the circuit through Califorbearing variety, the first crop was picked in July. The roots came from a Walla Walla berry field nia, Oregon, Washington and up into Canada and only missed four firsts on the entire trip. He will show again at the Pa-cific International, taking with him between 200 and 300 sheep. where they do well with ir-rigation. The fall crop commands a good price. Of these two carloads will be fat lambs.

G. R. Hyslop of the State College plans to attend the meeting. Other meetings on local farm problems will be held from time to time during the winter months.

IRRIGATING

lambs. Sheep killing dogs have played havoc in the flock in the last few days. One sheep is dead and 20 so badly crippled that while ev-erything possible is being done there is little hope of saving the animals. Most of these are enth-er prize winning breeding ewes or mothers of prize lambs. Two DALLAS-Five new irrigated or mothers of prize lambs. Two dogs have already been found and taken care of. the spring. In eastern Oregon spring planting is preferred. Species available for immediate distribution are black locust, box

Owners of these fields are W. W. of these men, according to J. R. Werth, Alfred Werth, Fred Beck, county agent, who has Werth, Allen Richardson and R. been called upon to check levelof these men, according to J. R. A. Lierman. This will be the first ing operations and the setting of dar, European larch and Norway irrigation work attempted by any grade stakes.

Edited by GENEVIEVE MORGAN

This page is a regular Sunday fea-ture of The Statesman. Farm news, farm information, the story of the successes of various farm operators published herein.

FOX SHEEP BRING

7 CHAMPIONSHIPS



if you insist on using a car steel body and low center of of its usefulness. And the are entitled to-that its scienmoney you spend on this old tifically-designed springs and

You are going to have con- Second furnishes a performstantly-increasing bills for re- ance all its own-that its inpairs, service and operation ternal hydraulic brakes, allthat is on the downhill slope gravity insure the safety you

for sheep pasture in the fall of 1927. The seeding was done by a commercial plane of Eugene. Since that time other airplane companies in Washington and Idaho have carried on successful seeding operations.



While coast ranges in Oregon are fair with ample to a surplus feed supply, central and eastern sections report feed supply short, according to the weekly livestock and range report of the federal bureau office in Portland.

place the 1931 Oregon production Oregon: cattle are in fair to at around 75,000 bales. Although good condition with some thin the official estimate of the Engones in dry areas. In the western lish 1931 crop is not yet availstates, cattle are generally in fair able, trade advices from England to good condition, except in a few indicate a production there this year of 160,000 cwt. This comdrought areas. Shipments have been heavy from dry sections, with a decided tendency to hold cattle where feed and finances permit. Stock cows and heifers are being held with an attempt to hold up breeding herds and sell steers and State's Onion calves. There has been little country trading in the southwest and shipments have been light.

The condition of Oregon sheep is considerably below the average for this month. Western fall feed for sheep is poor to fair except in the southwest, but sheep are generally in fair to good flesh except in dry sections. In the northern sections, there is a larger than for the United States is way under usual proportion of feeder lambs. last year, with 18,200,000 bushels

The large supply of old ewes has in sight for this year, as compared not found an outlet or market. to 26,124,000 last year. Sheep and lambs have done well New York is the hea New York is the heaviest proin Texas, Arizona, and New Mexi- ducing state again this year. Inco, where there is an abundance diana's crop fell off more than of feed. Winter sheep ranges in half of what it was last year.



WOODBURN, Oct. 16 .- That | the acre of undrained land, makfitable in this section of the counschool, who has been conducting a or 13 per cent return on the in- week before.

half acres. This year the field was laid. planted to red clover. A crop of Since last winter was drier than bay was harvested in June and usual and no water came out of these by growers who must have immediate financial assistance.

yield of hay was kept, but the even more benefit from the tiling drained area produced 194 pounds will be received in really wet of seed per acre to 151 pounds to years. Most of the prunes sold thus far and 50s.

Owing to the unimproved condition of foreign financial troubles, there appears to be very little in-terest manifested in market prices tiling of farm lands really is pro- ing an increase of 43 pounds yield. now being quoted. Sales made by Even at present, when the price growers to packers in limited try has been conclusively proven for clover seed is nine cents per quantities are confined mostly to by Joe Serres, vocational agricul- pound, much below normal, the the section around Salem and at ture student at Woodburn high increased yield was worth \$3.87, prices comparable to those of the

trial as to the value of tile drain-ing on his father's farm east of Woodburn. According to Joe's figures, the tiling returned 13 per cent interest on an original invest-ment of \$30 per acre. Last fall Joe laid two lines of trial as to the value of tile drain- vestment in \$30 per acre for til-

ment of \$30 per acre, Last fall Joe laid two lines of the tile was installed was not field, draining about one and one raised there before the tile was free the tile was installed was not field, draining about one and one the tile was installed was not field the tile was installed was not firmed at those figures. However, growers are generally reluctant to

show a 2.050,000 more pounds of cabbage when discovered. Of first expected. course it was killed. Current quotations range from hops produced in Oregon this year

unchanged to slightly lower than in 1930. The crop in this Pleasant View-Mr. and Mrs. those of a week ago, with sales of state totaled 16;430,000 pounds Shoen have sold the farm which month ago. small lots in Oregon markets re- from the 15,500 acres of hops. they bought a year ago from Hu-Crop from the three Pacific bert Daue, and will hold a public coast states, which grow all the sale of their personal property on hops, in the county, reached 28,origin. Around 500 bales were sold in this state during the week which is exceptionally light for this season. Prices are around four cents higher than at this 12 pounds of dry hops from 50 Friday. They expect to move away soon.

Dayton-Thirty-five sacks of English walnuts were gathered by D. E. Albright from his young pounds of green; and late clusters orchard. He has peach trees The quality of the 1931 crop 13% dry from 50 pounds of green. planted with the nut trees, the in Oregon, based on samples so The proportion for Marion county latter being 60 feet apart. He also harvested this week a bushel of In Oregon yields ranged from peaches from a young Salway practically a failure up to 2,145 pounds of dried hops to the acre.

Downy mildew made heavy in-A somewhat larger proportion of Oregon hops are going at prime the study of animals. Current quotations in Oregon

federal bureau of economics. The reports in to the bureau of agri- this week by a neighbor. The bushels per acre over the state; county farmer's union is schedulhop market continued inactive culture office in Portland, reports gopher was eating on a head of about four bushels better than at ed to be held at Elkins, Wednes-The corn yield will probably av- amute local as hosts, unless un

erage around 34 bushels, also expected changes are made, ac-slightly better than prospects a cording to H. P. Gilliam of Perry-

Community Fair **Displays** Huge

Saturday, October 24, the Polk county Pomona grange will hold its meeting at Rickreall, when Corn, Cabbage election of officers will take place. P. O. Powell of Monmouth has served as master for several years.

Following a recent tour by Grains and vegetables the likemembers of the Oregon turkey of which she had never seen be- growers association, Polk county fore were found at the Benston breeders have been invited to join. To discuss the organizacommunity fair, 22 miles from tion a meeting will be held in In-Tacoma, by Mrs. Meadle Durant, dependence, Tuesday night, Octowho resides on a farm between ber 20, with J. M. Cornutt representative of the association pres-

J. R. Beck, county agent, has called a meeting for Wednesday evening, October 21, at the court house in Dallas, for the growers she ever saw. Her cousin, Mrs. of hardy red clover seed. Plans

car will not add one cent to hydraulic shock absorbers, its its re-sale value.

power engine gives the speed,

acceleration and hill-climbing

ability that you want-that its

perfected type of Free Wheel-

perfect balance, its luxurytype seat springs and deep up-holstery provide the comfort We welcome your most careful inspection and test of a that you find indispensable to" De Soto Six. Driving it will enjoyment in motoring. convince you that its 72-horse-

And in addition the De Soto Six brings into the low-price field a standard of style and distinction that gives you real pride of ownership.

ing (optional at only \$20 extra) combined with its Easy-Let us arrange for a demon-Shift Transmission with Silent stration at your convenience.

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ASSOCIATE DEALERS T. B. Tucker, Albany, Ore. Russell's Garage, Corvallis, Ore. Shel-don's Garage, Garibaldi. Dix's Service Station, Independence, Ore. Peffer's Garage, Dayton, Ore. Frank G. Abel, DeLake, Ore. Hollis S. Smith, Dallas, Ore. Cyrus & Brock, Scio, Ore. Eugene Garage, Eugene, Ore. Prime Service Station, Monmouth, Ore. Wallace Sumpter, Mill City. Knight Bros. Garage, Jefferson.

Hubbard and Aurora. Mrs. Durant visited the fair for Rickey-A porcupine is the pet the first time and there found of Carrol Courtneer. Carrol has corn ten feet high; sunflowers been displaying it at school dur- six and a half feet; canned fruits ing the week in connection with and vegetables in profusion, and the largest pumpkins and cabbage



PRODUCTION DATA COMPILED BY FEDERAL OFFICE SHOWS NEARLY ALL CROPS FELL BELOW LAST YEAR SPR, ALL APPLES Bbls.
 Wheat Wheat Oats Barley
 Pots
 Total
 Comm.
 Pears
 Hops

 OREGON
 1,980
 16,614
 8,124
 8,264
 4,730
 5,260
 1,130
 2,665
 16,430

 Wash.
 10,668
 45,858
 7,850
 2,442
 7,984
 28,980
 8,568
 3,650
 3,800

