

AGRICULTURE AND LIVESTOCK NEWS

Up-to-date Information to Help Develop Progressive Farming

O. A. C. CORRESPONDENCE

FARM REMINDERS

Spray for Plant Lice

Late cabbages, cauliflower and similar crops showing heavy infestations of plant lice should be sprayed with some contact insecticide. Kerosene emulsion is probably the most effective to be applied at this time. Common nicotine sprays will serve nearly as well.—O. A. C. Experiment Station.

Combat European Canker.

Cut out carefully and completely the old cankers and fall spray as soon as possible with Bordeaux 4-4-50, where European canker is present.—O. A. C. Experiment Station.

Fall Sowing Advocated

Where possible grass seed for western Oregon should be sowed in the fall. Early spring is next best. Cool dry ashes make a good seed bed. Harrowing or discing the land before sowing makes a rough place in which the seed may find a foothold and start. Sowing grass seed on bare, hard ground is not good practice.—O. A. C. Experiment Station.

Careful Selection Advised

Hill select potatoes from healthy, good-yielding plants that are not near diseased plants. Good seed, disease free, means better crops.—O. A. C. Experiment Station.

Early Seeding Paid

Early seeding withstood freezing weather of last winter, while late seeding suffered. The crop had less time to get rooted and the ground to get settled.—O. A. C. Experiment Station.

How 256 sacks of good onions were grown to the acre, when seed was treated for smut control, against 9 sacks to the acre untreated, was shown in the O. A. C. experiment station exhibit at the state fair last week. The smut was controlled by running a small stream of formaldehyde disinfectant, 1 ounce commercial formaldehyde to 1 gallon of water, in the drill row just ahead of the seed planting. This disinfected the soil, the source of the onion smut. The home-made device for applying the disinfectant was shown.

Use of the experiment station pear maturity tester made one-fifth of the pear crop for a large Willamette valley grower last year. He was advised by commercial buyers to harvest the crop for the cannery at a certain time, but took samples to the station to have them tested for ripeness. He was advised to wait two weeks, at which time the fruit had increased one-fifth in weight and greatly improved in sugar content. The device is inexpensive and easily operated.

Halry or winter vetch should be planted now for seed. This crop gives 600 pounds of seed per acre in Oregon, is hardy and a soil enricher, says an exhibit at the state fair. "Learn to grow it on 1 to 5 acre plots," is the advice. The state needs 2500 acres of the vetch seed crop.

The best wheats to grow in eastern Oregon fall plantings according to the experiment station recommendations at the state fair are turkey red and hybrid No. 128. For western Oregon fall planting white winter, foxy and rink are the varieties. All these have been tested by the station and farmers.

Potato Grading

Professor Hyslop, head of the department of farm crops at the Oregon Agricultural College, gives the following classification for potato grades in the "Extension News Service," issued by the college for September.

Prof. Hyslop believes that this year, especially, the crop should be graded in order to obtain the best market possible.

Oregon Fancy Grades.—This grade shall consist of sound, ripe potatoes of similar varietal characteristics and uniform shape, true to type, bright and of good color and practically free from dirt or other foreign matter, frost injury, sunburn, second growth, cuts, scab, blight, dry rot and damage caused by disease, insects or mechanical means. The minimum diameter of potatoes of the round varieties shall be two and one-fourth (2 1/4) inches and of potatoes of the long varieties two (2) inches and the minimum length of the long varieties shall be three and one-half (3 1/2) inches and the maximum length shall not exceed seven (7) inches. In order to allow for variations incident to commercial grading and handling 2 per centum by weight of any lot may be under the prescribed

size, and in addition 3 per centum by weight of any such lot may be below the requirements of this grade; provided, that the total weight below any requirements of this grade shall not exceed 5 per centum of the whole.

Oregon U. S. Grade No. 1.—This grade shall consist of sound potatoes of similar varietal characteristics, which are practically free from dirt or other foreign matter, frost injury, sunburn, second growth, cuts, scab, blight, dry rot and damage caused by disease, insects or mechanical means. The minimum diameter of potatoes of the round varieties shall be one and seven-eighths (1 7/8) inches and of potatoes of the long varieties one and three-fourths (1 3/4) inches. In order to allow for variations incident to commercial grading and handling 5 per centum by weight of any lot may be under the prescribed size, and in addition 3 per centum by weight of any such lot may be below the remaining requirements of this grade.

Oregon U. S. Grade No. 2.—This grade shall consist of potatoes of similar varietal characteristics which are practically free from frost injury and decay and free from serious damage caused by dirt or other foreign matter, sunburn, second growth, cuts, scab, blight, dry rot, or other diseases, insects or mechanical means. The minimum diameter shall be one and one-half (1 1/2) inches. In order to allow for variations incident to commercial grading and handling, 5 per centum of any lot may be under the prescribed size and in addition 5 per centum by weight of any lot may be below the remaining requirements of this grade.

Oregon Small Seed.—This grade shall consist of sound potatoes of reasonably uniform shape, true to type, which are practically free from dirt or other foreign matter, frost injury, sunburn, second growth, cuts, scab, blight, dry rot and damage caused by disease, insects or mechanical means. The minimum diameter of potatoes of the round varieties shall be one and one-half (1 1/2) inches and of potatoes of the long varieties shall be one and one-fourth (1 1/4) inches and the minimum length of the long varieties shall be 2 inches. In order to allow for variations incident to commercial grading and handling 10 per centum by weight may be slightly under the prescribed size, and in addition 2 per centum by weight of any such lot may be below the remaining requirements of this grade.

In applying the above grades, a very satisfactory system is to take a small board or a piece of fibre board, or a heavy piece of galvanized iron and cut out notches that exactly conform to the dimensions mentioned in the potato grades. These notched boards or potato calipers can be used for quickly determining whether certain potatoes are right for certain grades. While it is not anticipated that a large number of potatoes are going to be tested in this measuring device, yet it will prove very successful in getting at an accurate determination of where the potatoes belong. When a potato is handled that is a little doubtful, it may be conveniently tried out with this home-made tester and then put into the grade in which it properly belongs.

POULTRY PROJECTS INCREASE INTEREST

A year ago H. C. Crosby, poultry extension specialist, conducted a poultry culling meeting, arranged by County Agent Holt, on the demonstration farm of W. H. Thompson of Canby, Clackamas county. The attendance was 65, culling emphasized by Mr. Crosby, was again conducted a similar demonstration on the same farm.

The effectiveness of the methods of culling emphasized by Mr. Crosby, was proved during this year's demonstration; when the birds culled out were checked with trap-nest records. In practically every instance the birds culled out were proved by their records to be low producers.

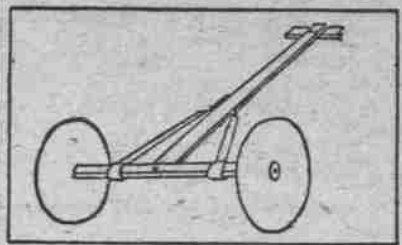
At the request of poultrymen in the community the Thompson farm is to continue another year as a demonstration farm.

Because of the inability of the state highway department to obtain cement, work on three road-construction contracts in different parts of the state has been suspended. The contracts affected by the cement shortage include the Rex-Tigard section, paving through the city of Jefferson and the construction of a bridge over the Umpqua river at Wimphester and a bridge over the Willamette river near Aurora.

DEVICE AIDS BERRY GROWER

Rolling Cutter Makes It Easy to Keep Strawberry Plants Confined to Allotted Space.

This device will be found handy in keeping the strawberry bed in order through the summer season. It is a rolling cutter used to cut the runners which otherwise would spread out between the rows and set plants where they are not wanted, writes



Rolling Cutter for Berries.

D. R. Van Horn in the Nebraska Farm Journal. By running this cutter up and down the rows one can very easily keep the plants confined to the space desired. Such a device is made of two cutters from an old disk mounted on a homemade frame, as shown.

Investigations looking toward the establishment of grades for mohair are now being made by the United States Department of Agriculture. Federal wool specialists are making a careful survey of the various kinds of mohair produced in Texas.

REFUGEES IN SMYRNA APPEAL FOR RELIEF

"It is impossible to exaggerate the fearful conditions of suffering in Smyrna and other points of the near east," according to a communication just received from J. J. Handsaker, state director of the Near East Relief.

The Turks declared that all refugees remaining in Smyrna Sunday morning October 1st, would be deported. In spite of this threat, American relief workers continued to transport the sufferers to places of safety on Greek islands and the mainland, according to a cable received by Mr. Handsaker October 4th. Thirty-six thousand were taken away on Friday, but Saturday revealed another 50,000 who had straggled into the ruined city over night.

They had been hiding, fearing to come into the open until there was an immediate chance to escape. Those arriving in the city reported hundreds dying by the roadside of exhaustion. Turkish bandits were robbing and maltreating the fugitives. New born infants were dying in their mother's arms. Children separated from their parents were crying on the streets. Among the 260,000 refugees are more than 5,000 infants, all of whom are suffering.

The one spot of cheer in all this desolation is the relief station, over which floats the American flag. Sixteen hundred sacks of flour have been landed at Mitylene for the 100,000 refugees. A total of \$300,000 has been appropriated. More help must come and at once, unless wholesale death from starvation is to result.

Recognizing the desperate nature of the crisis, President Harding has appointed Will Hays, movie magnate, chairman of a Smyrna relief fund, and will immediately designate members from different states, including Oregon. Mr. Hays' committee will work in connection with the Near East Relief. Funds should be forwarded to Near East Relief, 613 Stock Exchange Building, Portland, Oregon.

ALL TIRED OUT

Hundreds More in Oregon City in the Same Plight.

Tired all the time; Weary and worn out night and day;



Cook With Electricity

Countless thousands of American housewives would never have enjoyed real efficiency, economy, convenience and cleanliness in their kitchens had they not obeyed the national slogan—cook by wire.

Portland Railway, Light & Power Co.

Back aches; head aches. Your kidneys are probably weakened.

You should help them at their work. Let one who knows tell you how. Mrs. Frank Rotter, 1106 Monroe St., Oregon City, says: "My kidneys troubled me for a long time and my back ached so I couldn't do my washing. To sweep the floor tired me dreadfully and headaches and dizzy spells made me miserable and the action of my kidneys was irregular. I used Doan's Kidney Pills and they soon relieved the backaches and other signs of kidney trouble and I felt much better in every way."

Price 60c, at all dealers. Don't simply ask for a Kidney remedy—get Doan's Kidney Pills—the same that Mrs. Rotter had. Foster-Milburn Co., Mfrs., Buffalo, N. Y.

NOTICE

After October 12th, I will not be responsible for any bills contracted by Warren Vittum. (10-12-22) **ABBIE M. VITUM.**

LEGAL NOTICES

In the County Court of the State of Oregon, for the County of Clackamas.

In the Matter of The Guardianship of the Person and Estate of Oliver Sims, an Insane Person.

Notice is hereby given that pursuant to an Order duly made by said Court on the 5th day of October, 1922, in the matter of the above entitled Estate, the undersigned, Guardian of Oliver Sims, an Insane Person, will sell at private sale, subject to confirmation by said Court, from and after the 10th day of November, 1922, at the hour of 10 o'clock, A. M., at 407 Panama Bldg., Portland, Multnomah County, Oregon, all the right, title and interest of said Oliver Sims, to the following described real property, to-wit:

The Northeast acre of Lot Sixty-five (65), Oak Grove, Clackamas County, Oregon.

The terms and conditions of such sale is to be Three Hundred (\$300.00) Dollars cash paid; the assumption of payment of \$1,300.00 Mortgage, and a Contract for payments of not less than \$50.00 per month with interest at 7% per annum until the balance of \$400.00 with interest, as aforesaid, shall have been paid.

First publication October 12, 1922. Last publication November 9th, 1922.

MINNIE E. SIMS, Guardian of Oliver Sims, an Insane Person.

Motter & Barrett, Attorneys for Guardian.

MASON

HEAVY DUTY CORD

Oversize

30x3 1/2	\$13.75
32x4	24.50
33x4	24.70
34x4	25.35

New Standard Size

30x3 1/2	11.30
----------	-------

Also 30 x 3 1/2 and 31 x 4 straight sides.

Goodrich motorcycle and bicycle tires.

North-West Tire Co.

Warren & Blodgett, Prop. 407 Main St. Oregon City

SUMMONS.

In the Circuit Court of the State of Oregon, for the County of Clackamas.

WILLIAM T. PANGLE, Plaintiff,

vs.

ISABEL PANGLE, Defendant.

To Isabel Pangle, Defendant above named:

In the Name of the State of Oregon, You are hereby summoned and commanded to appear and answer the complaint against you in the above entitled Court and cause on or before Thursday the 23rd day of November, 1922, and if you do not appear and answer on or before the said 23rd day of November, 1922, judgment will be taken against you for want thereof and the plaintiff will apply to the Court for a decree dissolving the marriage contract heretofore and now existing between you and the plaintiff and for such other relief as may to the Court seem equitable.

Service of this summons is made upon you by publication in this cause by order of Honorable James U. Campbell, Judge of the above entitled Court, duly made and entered on the 9th day of October, 1922, and ordering that service be made upon you by publication in the Banner-Courier, a newspaper published in the County of Clackamas, State of Oregon, not less than one week for six (6) weeks, and the date of first publication is on Thursday, the 12th day of October, 1922, and the date of last publication will be on the 23rd day of November, 1922.

STEVENSON & WOLF, Attorneys for Plaintiff. Address: Consolidated Sureties Bldg., Portland, Oregon. (10-12-22)

Cost Little, Results Big—Banner-Courier Classified Ads.

NOTICE OF SALE OF GOVERNMENT TIMBER GENERAL LAND OFFICE

Washington, D. C.

September 15, 1922.

Notice is hereby given that subject to the conditions and limitations of the Acts of June 9, 1916 (39 Stat. 218), and June 4, 1920 (41 Stat. 758), and the instructions of the Secretary of the Interior of September 15, 1917 (46 L. D. 447), and June 22, 1920 (47 L. D. 411), the timber on the following lands will be sold at 10 o'clock a. m., on November 8, 1922, at public auction, at the United States land office at Portland, Oregon, to the highest bidder,

The Time to Buy

Is when others are not buying—when money is rather close and prices are low.

When spring opens there is always a buyers' rush, and prices always follow demand.

If you want a city home, a farm or any property, look them over now and save money. Come in and see what I have.

Insurance that Insures

Seven strong companies, fire, accident, burglary, forgery, causality, auto.

E. E. TEEPLE

719 1/2 Main, Oregon Or.

der, at not less than the appraised value, as shown by this notice, sale to be subject to the approval of the Secretary of the Interior. The purchase price, with an additional sum of one-fifth of one per cent thereof, being commissions allowed, must be deposited at time of sale, money to be returned if sale is not approved, otherwise patent will issue for the timber which must be removed within ten years. Bids will be received from citizens of the United States, associations of such citizens and corporations organized under the laws of the United States or any state, territory, or district thereof only. Upon application of a qualified purchaser, the timber on any legal subdivision will be offered separately before being included in any offer of a larger unit. T. 4 N., R. 3 W., Sec. 17, SW 1/4 NW 1/4, yellow fir 1200 M., red fir 700 M., bastard fir 300 M., red cedar 130 M., hemlock 160 M., NW 1/4 SW 1/4, yellow fir 700 M., bastard fir 275 M., red cedar 680 M., hemlock 75 M., SW 1/4 SW 1/4, yellow fir 985 M., red fir 430 M., bastard fir 450 M., red cedar 220 M., white fir 90 M., hemlock 200 M., none of the red, yellow and bastard fir to be sold for less than \$2.00 per M., none of the red cedar timber to be sold for less than \$2.00 per M., and none of the white fir and hemlock timber to be sold for less than \$1.00 per M. Sec. 19, NE 1/4 NE 1/4, red fir 1200 M., SE 1/4 NE 1/4, red fir 1650 M., SW 1/4 NE 1/4, red fir 2100 M., red cedar 110 M., hemlock 75 M., NW 1/4 SE 1/4, red fir 1150 M., SE 1/4 SE 1/4, red fir 1500 M., red cedar 50 M., hemlock 50 M., SW 1/4 SE 1/4, red fir 525 M., red cedar 25 M., none of the red fir timber to be sold for less than \$2.50 per M., none of the red cedar timber to be sold for less than \$1.50 per M., and none of the hemlock timber to be sold for less than \$1.00 per M. T. 4 S., R. 2 E. Sec. 5, NW 1/4 SW 1/4, red fir 665 M., none of the red fir timber to be sold for less than \$1.50 per M. T. 2 S., R. 5 W., Sec. 29, NE 1/4 NE 1/4, red fir 1400 M., none of the red fir timber to be sold for less than \$1.50 per M.

WM. SPRY, Commissioner, General Land Office. (9-23-22)

Twelfth Street Cabinet Shop W. W. HART, OWNER.

We specialize in high-grade cabinet work of all descriptions, store fixtures, show cases, door and window frames, refrigerator display cases, cupboards. We also do saw filing.

12th Street, near R. R.

Phone 142 Oregon City

A Complete Change

It's what you need and you'll find it in—

SUNNY SOUTHERN

California

Motoring—Mountain Climbing—Yachting—Bathing—Golf—Tennis—Riding—Polo—Fishing—Hunting—Camping—Air-Planing—Loafing

Through Sleeping Cars Observation Cars and Dining Cars

Afford every travel comfort and convenience.

"The California Express" has through Pullmans Seattle, Tacoma and Portland to Los Angeles via Sacramento.

Stay a day or more in San Francisco—a delightful stopping place.



For fares, train service, sleeping car reservations or beautiful folders, ask agents or write

JOHN M. SCOTT, General Passenger Agent Portland, Ore.

Store New Opens at 9 A. M. Saturdays

The Most in Value

The Best in Quality



THE BEST IN QUALITY THE MOST IN VALUE

Store Closes Daily at 5:30 P. M. Saturdays at 6 P. M.

Home Phone: A 2112

"THE STORE THAT UNDERSELLS BECAUSE IT SELLS FOR CASH"

Women's Imported

KID GLOVES

At \$2.75 At \$3.00 At \$3.25

Best Styles in Reliable Qualities At Popular Prices

In style, fit and durability these fine imported Kid Gloves will prove most satisfactory. Both one and two-button clasp styles with Paris point or embroidered back and with P. K. seams. All sizes and colors.

Shoes and Oxfords

At \$2.95 At \$4.35 At \$4.85

Three specially priced offerings at a saving of from two to three dollars a pair—choice from fashionable fall styles in black and brown kid or calfskin—with military or Cuban heels. A most exceptional opportunity for a splendid saving.

The New Scarfs

for Fall wear

\$3.50 to \$12.50

Again Fashion has decreed that the Scarf is a necessary adjunct to one's fall wardrobe. Here you will find all the new and staple styles in Wool, Art Silk and Silk Mixture in brushed, camelshair, Angora and basket weave effects. Two-tone, plain shades and stripe novelties in all colors and combinations, at \$3.50, \$3.95, \$4.50 and up to \$12.50.

OPEN AN ACCOUNT

TO-DAY

We are not seeking a great bulk of business from all over the country, but rather prefer the patronage and confidence of the good people residing in our own vicinity, who desire to do business with an institution ever ready and glad to render them every reasonable accommodation and service. We would be glad to have you open an account any time, but why not today?

SAFETY DEPOSIT BOXES FOR RENT

Four (4) % paid on-time deposits.

CARVER STATE BANK

Carver, Oregon

GRANT B. DIMICK, President THOS. E. ANDERSON, Vice-Pres. R. E. LOOMIS, Cashier