

### WALNUT CULTURE PROFITABLE LINE OF HORTICULTURE

Walnut culture in Oregon is one of the most profitable lines of horticulture at the present time. The gross charges of mature orchards range from \$50 to \$75 per acre, or in some cases, depending upon how much blighting is done, a little over that, according to the experiment station. The returns from an average orchard in mature bearing are usually estimated at 1000 pounds to the acre. The average price has been 25 cents a pound, giving a gross income of around \$250, and a net income of \$150 or \$200 per acre.

Walnuts come into bearing slowly. Therefore, it is practically essential that in the meantime the land between the trees be used. Early bearing fruits, such as pears, prunes, and cherries are fairly satisfactory for this, if placed sufficiently far from the walnuts. The trouble in using tree fillers is that when the walnuts require the space, the temptation to leave them in for two or three extra crops is too great, with the result that the walnuts are injured.

Growing cultivated crops between the trees is much more satisfactory. They leave the soil in better condition, and can be decreased each year according to the growth of the walnut trees. Thus, they do not conflict with the walnut's demands on the soil.

### THREE COUNTIES PUT ON AGENTS

All Oregon counties with agricultural agents last year have continued for this year and three additional counties have joined—the group—Lane, Coos and Grant. The first two are renewing the plan after 12 years' trial except for the last two years, while Grant is trying it out for the first time.

The counties carrying the agent policy cooperate with the state college extension service and the federal department of agriculture. The extension service includes 30 of the 39 counties of the state in its cooperative work, which is now closely organized in four-fifths of the counties, as follows:

Union, Lincoln, Umatilla, Malheur, Benton, Jackson, Baker, Douglas, Wasco, Multnomah, Klamath, Clackamas, Josephine, Lake, Deschutes, Clatsop, Washington, Morrow, Columbia, Tillamook, Crook, Linn, Marion, Polk, Yamhill, Lane, Coos and Grant counties.

The Grant county agent is D. E. Richards, reports F. L. Ballard, state county agent leader. He is a graduate of the state college and former member of the faculty. He has been county agent in Lake county and also

### LIVESTOCK INSPECTOR FOR THE LADD & TILTON BANK, PORTLAND. HE HAS ORGANIZED CONTROL AGAINST RODENTS AND GRASSHOPPERS AND FINDS MUCH INTEREST IN IMPROVING ALFALFA STANDS AND IN FARM DAIRY HERDS AND SHEEP FLOCKS. RENEWAL WORK ON THE ONCE FAMOUS ORCHARDS OF THE JOHN DAY VALLEY IS ANOTHER PROJECT SCHEDULED FOR EARLY CONSIDERATION.

Another Richards, Clyde R., who is a graduate of the University of Idaho, is the new agent for Coos county. He has been a successful county agent in Idaho for three years and has had extensive training in dairying and experience in dairy farms.

**Pig Feed Profits**  
A little linned meal and alfalfa meal, added to a feed corn and timothy, increased the daily gain and reduced the amount of feed, per pound of gain, in pig feeding tests at the Ohio agricultural experiment station.

### OREGON JERSEYS WIN HIGH HONORS

The first places in Jersey fat production in yearlings, senior two-year old and senior three-year old for the month of December was taken by Oregon breeders, according to the report of the American Jersey Cattle club official testing.

First place in production of yearlings was won by G. F. Biersdorf of Cornelius whose yearling heifer produced 60 pounds of fat in December. His senior two-year old also topped the list in that class with a yield of 77 pounds. Still another yearling in this herd took third place, giving him three winners in his herd of six cows that won places in the list of Jersey cows in the United States that produced more than 60 pounds of fat on an official test.

Mr. Biersdorf was noted out of second place in the yearling records by his son, D. Biersdorf, whose heifer won that distinction, thus giving the three places in the yearling class to the Biersdorf Oregon herds.

The national champion senior three-year old for December was owned by H. D. Hill of Independence. Of the 881 Jersey cows in the United States producing more than 60 pounds of fat, Oregon cows numbered 30 as follows:

Owner and address	Cows	Fat
G. F. Biersdorf, Cornelius	6	67
E. L. Bush, Hoskins	4	62
J. C. Brown & Sons, Shedd	4	56
J. Koppin, Gaston	3	58
S. Miller, Woodburn	3	55
J. V. Johnson, Monmouth	3	61
Ried & Lorenson, Darton	2	61
H. Hollenbeck, Hood River	2	65
W. H. McKee, Perrydale	2	55
H. D. Hill, Independence	1	85
W. A. M. Baker, Canby	1	62
D. Biersdorf, Cornelius	1	60
D. Biersdorf, Cornelius	1	60
Beale & Reeves, Turner	1	58
W. H. Gibson, Gresham	1	57
W. A. M. Baker, Canby	1	58
C. F. Hays, Salem	1	53
D. O. Woodworth, Albany	1	74
M. N. Tibbles, Independence	1	52
W. T. Riches, Turner	1	50

### SPRAY FORMULAS ARE GIVEN OUT

Spray formulas for apple and pear scab, prepared and sent out by C. E. Stewart, county fruit inspector, follow:

No. 1. Lime-sulphur solution three and one-quarter gallons to each 100 gallons of water used. Apply when cluster buds are opening enough to show the blossom buds.

No. 2. Lime-sulphur solution two and half gallons to each 100 gallons of water. Apply just before blossoms open.

No. 3. Lime-sulphur solution two or two and one half gallons to each 100 gallons of water plus two pounds of dry lead arsenate. Apply when three-fourths of petals have fallen.

No. 4. Lime-sulphur solution two gallons to each 100 gallons of water. Apply fifteen days after No. 3.

For Anjou and Conice pears in spray No. 1 and No. 2 a more dilute spray should be used or about two gallons of the lime-sulphur solution to each 100 gallons of water. For the later sprays on these varieties of pears use some of the various dry atomic sulphurs at rate of eight pounds of the sulphur mixed dry with four pounds of hydrated lime to each 50 gallons of water; mix into a paste and strain into spray tanks. In preparing the dry sulphur and hydrated lime sprays it is advisable to use some of the casing spreaders, otherwise it is difficult to get the sulphur all wet and in suspension in the water.

Notice of the sprays for codling moth will be given at the proper time.

### Farm Reminders

European canker is wide spread in western Oregon occasionally causing a severe damage to certain pear varieties. Specimens of pear cankers may be referred to the experiment station at Corvallis for free diagnosis. These cankers increase from year to year. Control consists in the thorough cutting out and disinfection of the existing cankers, followed by a summer Bordeaux spray as employed for anthracnose.

The object of spraying for fungus diseases is to cover all exposed surfaces with a fungus poison, which will kill the disease spores that are carried to the plant and thus prevent infections. Thoroughness in spraying is essential to success says the O. A. C. Extension Bulletin. Any bit of unprotected surface will be an open port of entry for diseases.

Orchards of Oregon stone fruits that are subject to brown rot should be protected against early infections originating from the spore cups developed by the old mummies in the ground, says the experiment station. Continuously harrowing the orchard soil throughout the blossom period when these cups are developing will destroy them and thus prevent spore discharges. This stirring of the soil should be repeated every two or three days.

All shriveled fruit and dead twigs and spurs left in the top of Oregon pears, apricots and cherry trees should be removed at pruning time, says the experiment station, as they may be a serious source of blossom blight infection if left on the trees.

The novice gardener will find a great many helpful points for the control of insect pests in O. A. C. Extension Bulletin 225, "Insect Pests of Truck and Garden Crops." This bulletin will be mailed free on application to the college.

Plant Grafted Franquette Walnuts They are money makers

One of the best blocks of grafted Vrooman Franquette in the State. Well Grown, selected type. Good line of apple, pear, filberts, cherry, peach, prune, plum, apricots, small fruits, etc. Right stock at right prices. Submit your want list, ask for prices. 35 years in business.

Carlton Nursery Co. Carlton, Oregon.

\$2481.00 GIVEN FREE

The above amount has been given away by us in prizes of \$587.80 more will be given away as follows:

First prize—1925 Ford Touring car. Besides this splendid first prize we are going to give away 10 other prizes.

1 2 3 4 5

1 2 3 4 5

1 2 3 4 5

1 2 3 4 5

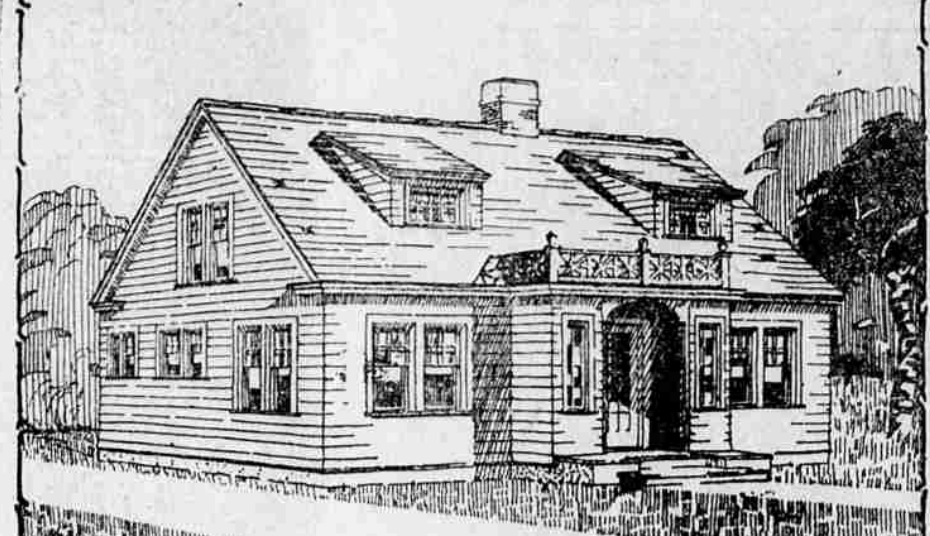
1 2 3 4 5

Rearrange the figures in the above square in such a manner that they will count 15 each way (horizontally and vertically) and send us your answer together with your name and address neatly written on a sheet of paper and if your answer is correct we will at once mail you a splendid illustrated prize list describing the prizes and giving full information and rules. In case of ties general appearance, neatness and handwriting of entry will be considered. If correct we will advise you by return mail of a simple condition to fulfill. Don't send any money. You can be a prize winner without spending one cent of your money. Send your answer—act quickly.

The Pacific Homestead 198 South Commercial Salem, Oregon

### COMFORT IS GAINED IN SIX ROOM HOME

Colonial Type of Cottage Proves to be Attractive to Homebuilder of Only Average Means, Where Economy Must Count



The colonial type cottage makes a strong appeal with the home builder of average means, where economy of funds must combine with comfort and good taste. The accompanying design unites these elements in a pleasing design that has proved popular with many builders during the 1924 season.

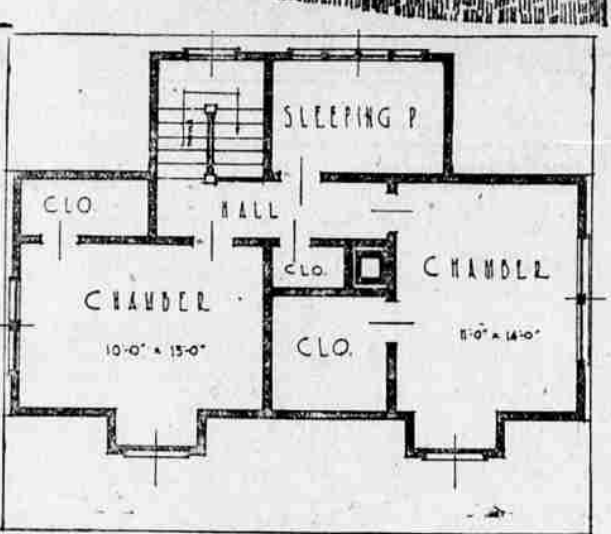
Treatment of the entryway and the two coat closets are a convenience which will be appreciated by the housekeeper. The railing along the top of the porch adds an ornamental touch to the front facade and the two dormer windows fit pleasingly into the design. Wall plantings will add materially to the exterior appearance.

The ground floor is nicely portened and the position of the fireplace will compensate in extra heat for the space occupied. The living room is of ample size and is well lighted. Arrangement of the dining room and kitchen is ideal.

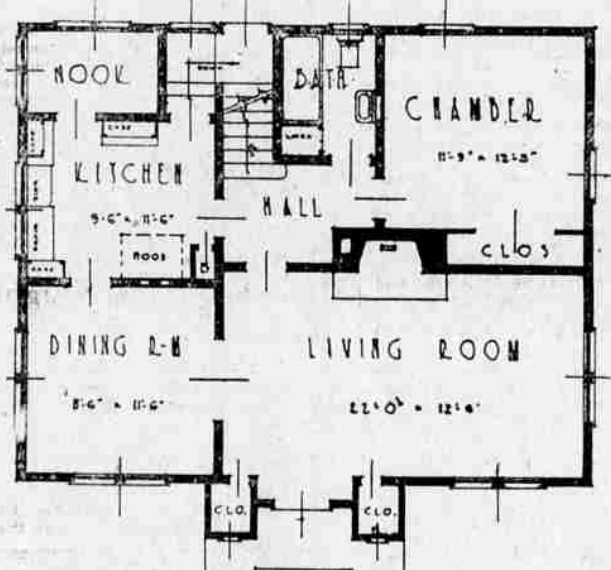
The downstairs chamber is large enough for ordinary use and its windows afford cross ventilation. The central hall ties in all the rooms on the ground floor and a stairway leads to the upper story. The upstairs bedrooms are of excellent dimensions and well supplied with light, ventilation and closet space.

The sleeping porch shown in the plan is located directly above the bath room and if the owner desires this space may be easily altered for use as an upstairs bath room.

Cost of this house should be well within the means of the average family. Plans for this attractive home may be obtained from Walters-Bushong Lumber Co., Eugene, Ore.



SECOND FLOOR PLAN PLAN NO. 609



FIRST FLOOR PLAN PLAN NO. 609

### HOLLOW TILE IDEA GAINING IN FAVOR

An advertising campaign has been launched in the newspapers of Oregon and Washington by the brick manufacturers of the two states with the idea of increasing the use of brick, hollow tile and other clay products in construction work.

It is proposed to continue the campaign for a year. It was announced by H. R. Kreitzer of Portland, president of the Pacific Northwest Brick Manufacturers' association. By this means the citizens of the states will be informed of the permanence, safety, economy and beauty of clay products, he said.

"We feel that we are doing the public, as well as ourselves, a service in this educational campaign, as it is greatly in the public interest to have buildings constructed of materials which will stand the ravages of time and which will protect the lives of occupants," said Mr. Kreitzer. "More general use of brick, hollow tile and roofing tile will greatly reduce fire losses and give a better and more stable appearance to our cities."

"Even in cases where the initial cost of using brick is slightly greater, the saving in maintenance, insurance and other items makes the brick structures much more economical than buildings of less permanent material, and a better investment both from the individual and the community standpoint."

### Owners of Homes Better Employes

"Buy a home. Go in debt for it." That is the advice of J. H. Barringer, first vice president and general manager of the National Cash Register company to the 2000 employees of that organization in Dayton, Ohio, given in a recent address.

"If you are not buying a home, now is the time to start," Mr. Barringer declared. "When a man is buying a home and facing an obligation in the way of a debt, he is a better employe."

Referring to progress being made in the company's American sales and rapid advance in foreign business,

Mr. Barringer stated that it is a time when all employes can go ahead and figure and plan on the future. One of the audience asked Mr. Barringer in which section of the city

he would recommend that homes be bought. "I can't answer that," he said. "I am no real estate man. But I can give you one good hunch, and that is that you buy your home within the sound of the factory whistle."

### WE HAVE For Sale

3 Second Hand Water Closets

2 Second Hand Sinks

In Good Condition at a Bargain

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Millwork Service Bulletin Moulding and Inside Trim At Once Standard Frames 4 to 5 Days Standard Doors 1 to 2 Hours Standard 2-Lt. Windows 1 Day Special Sash 1 Week Cupboard Doors 1 Week

Phone 822-R Near Corner Fourth and Pearl THE HOUSE OF SERVICE



Phone 822-R Near Corner Fourth and Pearl THE HOUSE OF SERVICE

### CARE IN DRESSING HOUSE IS ADVISED

How do you dress your house? Alfonso Iannelli, well known sculptor, painter, architect and professor of design at the Chicago Art Institute, asks this question and in doing so reminds us of the care with which one's wife selects her gowns. They must be just so in texture and tone, and Professor Iannelli truly us that if we would have a really artistic house, every way in keeping with the period of architecture after which designed, we must dress our house with exactly the same care.

Professor Iannelli has just completed months of research on the subject of stucco. "In every great period," he says, "I have found there was a close relation between the design of the building and the texture of the walls, both inside and out. It was very easy to recognize harmony between the architectural design and wall tone and texture. And by studying the dress of the people of various periods, it was further possible to associate this harmony of texture and tone with the habits of people in different periods as regards clothing their persons."

"In ruins of ancient Greek buildings, the characteristic stucco texture is exceedingly rough, with coarse up and down marks. On the old Spanish houses of the pure type of Spanish architecture, the surface is not so rough but has wide brush marks relieved by smooth spots." In the same way, Professor Iannelli described the distinctive texture of the Italian, the early English, the medieval French, the California mission and the colonial types of architecture.

He also stated that use of certain colors of stucco predominated in each period, variations being determined by climatic conditions, by the availability of different coloring pigments and by realization that some tones harmonize best with certain textures.

Again, associating the costumes and homes of people of different periods he said, "The rough-textured surface predominated in the middle ages when velvet and linen were worn, since the coarser textured wall harmonized with them. Later on, as in the times of Louis the XIV, XV, and XVI, when silks, brocades and satins predominated, walls were highly finished and ornate. There has always been a sense of fitness of

costumes and habits of the people to their architecture." In this country we are witnessing something of a new architecture in the wide range of tone and texture shown by the many combinations of colored sands which produce effects not exceeded, if equalled, by any other materials. These combinations of texture and color-tone in wall are surely responsible for the charm and beauty of many old residences in Europe.

### PLANS FOR BETTER HOME WEEK READY

"Better Homes Week" will be observed throughout the United States the week of May 10 to 17 and extensive plans for this event are being which launched this movement a 1922 as an educational effort.

Every community in the United States is to be asked to observe the better home period in some way, according to local realtors who have been requested to lead their efforts to the success of the plan.

Other organizations are to be urged to take a part in the better home programs as this includes many phases of home betterment in the way of added facilities, furnishings, mechanical appliances, as well as all angles of the planning and building of homes.

### BOILER MAKERS and WELDERS

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Phone 1054 518 E. 8th St.

Eugene Foundry and Machine Co.

### Why Not Use Practical Screens?

Now is the time, once and for all, to eliminate the annoyance of old-fashioned, unsightly frame screens.

The Attractive, Convenient "In-Vis-O" ROLLER SCREEN

1. Enhances beauty of window
2. Affords clear, uninterrupted vision.
3. Automatically cleaned thru rolling action
4. Metal housing protects screen from weather
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6. Does not interfere in action with curtains, Draperies and Shades.
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Consider These Distinctive Features of the "IN-VIS-O" Roller Screens

SOLD BY Midgley Planing Mill Co. Eugene, Oregon

Phone 1059 4th and High St.

### IF IT IS TRUE THAT "NOTHING SUCCEEDS LIKE SUCCESS"

Then it is also true that nothing indicates failure and carelessness more plainly than shabby weather-beaten buildings.

Paint makes the big difference and a good place to buy it is at

Oxner's Paint Shop 8th and Olive

### Twin Oaks Lumber Co.

FIR AND CEDAR LUMBER SHINGLES LATH HARDWOOD FLOORS

Phone 782 669 High St.

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Large Podded "Quite Content"

# Peas

Larger than Telephone!

No Garden should be without this variety.

It is the most popular large podded late pea for market gardens. The pods are dark green and one-third larger than Telephone. They yield an extra large and of fine quality. It yields a very heavy crop on vines 5 to 8 feet tall, maturing about ten days later than Telephone. The peas are very hardy in appearance and usually contain 9 to 11 peas.

Plt. 10c; 1/2 lb. 25c; 1 lb. 50c; 2 lb. 1.00; 5 lb. 2.50; 10 lb. 5.00; 25 lb. 12.50; 50 lb. 25.00; 100 lb. 50.00.

Send \$1 For This Northwest Garden Collection Regular Value \$1.50—One Packet Each of the Following:

Beau, Burpee's Stringless Bean, Gil's Delicious Beet, Extra Early Eggplant, Sweet Corn, Gil's Improved Golden Broom Carrot, Table Queen, Cucumber, Davis Perfect Lettuce, New York Parsnips, Tender Heart, Muskmelon, Golden Cream, Peas, Double Crook, Peas, World's Record Spinach, Mammoth Winter Radish, Early Bearlet Tomato, White Zippie, Turnip, Orange Jelly.

DEPT. 81

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"World's Record" (EARLY)  
An Improved Grade, 1 1/2" diameter and made slightly larger, contains 12 to 15 peas of high quality. Taster green pods. Height 2 feet. One of the best early varieties on the market as "Quite Content."

# Poison Barley

For Squirrels

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