# VISITORS ARE WON BY OREGON LANDS

## Five Middle West Farmers to Move Here.

## 2 SITES ARE PURCHASED

### State Chamber of Commerce Takes Party on Tour of Willamette Valley District.

Oregon has advantages that "sell themselves" to the easterner who is mildly interested in seeking a new location. The fact was illustrated by a tour through the Willamette valley undertaken recently by five farmers from the east and middle west under direction of the Oregon State Chamber of Commerce. All five selected locations and are preparing to purchase homes between Portland and Eugene.

The party came west under the supervision of V. S. Peet, agricultural agent of the Union Pacific system at Omaha. They expressed an interest chiefly in the farming lands of the Willamette valley, and a trip was arranged to cover the section south of Eugene. The party included August Gosselin, Concordia, Kan., Henry Wahlers, Corona, N. Y.; C. W. Lunsford, Kansas City, Mo., and W. H. Thatcher and T. M. Wangberg, Omaha, Neb.

**Party Is Entertained.**

Commercial organizations along the route manifested the utmost cordiality toward the party. Entertainment was provided along the way, and transportation furnished to the next town in the itinerary. In the limited time allowed, the country was covered thoroughly on both sides of the Willamette river.

Beginning at Molalla in Clackamas county, where the visitors were shown the adjacent country by Gordon J. Taylor, the party was taken to Aurora, where a reception committee, headed by Paul Robinson, editor of the Aurora Observer, entertained the party with a luncheon and automobile trips in the district. From this point the party was taken to Salem, where the Salem Commercial club and realtors there showed the middle westerners the famous loganberry and small fruit tracts in the vicinity of the capital city.

Proceeding up the valley, the party was taken through the highly productive sections on both sides of the Willamette river through Albany and on to Eugene. Albany realtors showed the visitors the advantages of their section, and delivered them to chamber of commerce members at Eugene.

**Lunch Given Visitors.**

At Eugene, the realty board held a luncheon in honor of the visitors, following an inspection of Lane county lands in the Eugene district. From that point, which was the farthest south on the itinerary, the party was taken to McMinnville, Eugene realtors taking the party as far as Corvallis, and McMinnville club members meeting the visitors at that point. From McMinnville, the party was taken to Portland through the beautiful Tualatin valley. The whole trip occupied six days.

The visitors were astonished at the productivity of the valley, the appearance of the fruit farms and the air of prosperity and well-being of the valley in general. By contrast with the monotonous topography of the middle west, the Willamette valley, with its luxuriant vegetation, green hills and verdant meadows, was apparently like a glimpse of the "Promised Land" to the homeseekers.

**Country Is Praised.**

"We were told back home that the literature on Oregon was overdrawn and exaggerated," said August Gosselin of Kansas, "but I find that it isn't overdrawn in any particular. This is a wonderful country, and after seeing it I would never be satisfied to live in Kansas."

All members of the party were loud in their praise of the country in general, and were particularly impressed by the hospitality encountered in every district through which they passed.

"I believe that anyone from any part of the United States could not help but be favorably impressed with the beautiful scenery of the Willamette valley, which is made even more impressive by the beautiful fields of grain and orchards," said C. W. Lunsford of Kansas. "As for the hospitality of the people, as a whole it far surpasses that of any people with whom I have mingled."

**Visitors Buy Land.**

H. H. Thatcher and T. M. Wangberg of Omaha were particularly impressed with Lane county, near Eugene. So much so, in fact, that they have purchased a small farm suitable for diversified farming near Coburg and have sent for their families.

The results of this short tour through a relatively small district of the state by these settlers is proof that the state has attractions to offer to middle westerners. Gosselin stated his intention of buying in either the Salem or Dallas districts, and is now in Concordia, Kan., holding an auction sale of his farming equipment in order to move to Oregon without loss of time. Wahlers of New York has hurried home for the same purpose, and will return to settle in the vicinity of Salem. Lunsford of Omaha favors the Newberg district, but is still looking over the ground carefully before making final decision.

## OREGON JERSEYS FEATURED

### Highest Prices Brought by State-Bred Animals at Vancouver.

Oregon Jerseys featured prominently in the auction sale of cattle of that breed held as a feature of the last day of the Vancouver, B. C., fair, according to E. B. Fitts of Oregon Agricultural college, who was in Portland Saturday on his return from serving as judge of dairy cattle at that show.

Mr. Fitts said that included in the auction sale were the herd of Herbert Nunn of Tillamook, and animals consigned from Quebec. Highest prices paid at the sale, he said, were for the Oregon-bred animals. The sale was held under the auspices of the British Columbia Jersey Cattle club.

Mr. Fitts reported that the exhibits of cattle at the fair were superior to those of previous years in both quantity and quality and that the Canadians are making rapid progress in their livestock work.

"American breeders were allowed to compete for premiums and a majority of the prizes offered for Jersey cattle were won by Waikiki farm, owned by J. P. Graves of Spokane," he said.

**Growers Open Office at Omaha.**

HOOD RIVER, Or., Aug. 28.—(Special.)—P. F. Clark, sales manager of the Apple Growers' association, who has just returned from a tour of eastern cities, having gone as far as New York, says the association has opened a new office at Omaha, Neb. C. M. Furry, formerly identified with the apple trade of Yakima, Wash., has been made manager of the middle western sales district. Mr. Clark says William Irwin, formerly assistant to the sales manager at the headquarters office here, has established himself in the New York city branch office.

## TIMOTHY SEARCH REWARDED

### Rust-Proof Strain Developed by Experiment Station.

The search for a rust-resistant timothy vigorous and productive enough to put Oregon and the northwest back on the map as timothy-growing sections has been rewarded by the development of a new strain at the agricultural college experiment station.

In the early days thousands of tons of timothy were grown in the northwest, but in recent years little of it has been produced due to the attack of rust.

In the development of the new strain which could be grown profitably in this section the best strains from the world-wide markets were obtained and bred by selection. The new strain is declared to be profitable in grass mixtures and with red clover.

# MILK COST DETERMINED

## $3.54 DECLARED OUTLAY ON 100 POUNDS.

### Oregon College Conducts Survey of Expenses on 76 Farms in Four Counties.

The average cost of producing 100 pounds of milk with 1167 cows on 76 dairy farms in Washington, Columbia and Multnomah counties in 1920 was $3.54.

These figures were determined in a survey recently conducted by the extension service and experiment station of the Oregon Agricultural college. The survey was made at the request of the Portland milk commission supported by demands from dairymen and dairymen's organizations.

A financial survey of 120 dairy farms within the Portland milk shed showed the net income of the entire farm and the cost of producing milk and butter fat. A second report for 1921 will be based on complete farm accounts submitted—milk, feed, and labor records. This project is being conducted in four counties—Washington, Columbia, Multnomah and Clackamas.

All feeds given the dairy herds, whether purchased or grown on the farm, were charged up at market or farm prices. All labor, whether performed by hired help or members of the farm family, was charged up at the normal rate for general farm help.

Miscellaneous expenses included taxes, interest on dairy improvements, depreciation and such general expenses as veterinary fees, cow testing, cans, etc.

To arrive at net costs the increase in value of dairy stock or young stock, the value of skimmed milk in the creamery sections, and manure, were deducted from total costs.

## METHOD KEEPS CIDER SWEET

### Even Temperature Essential in Preserving Natural Flavor.

Sweet cider may be canned so as to keep its natural flavor and aroma indefinitely, by a method worked out at the laboratory of the Oregon Agricultural college experiment station. The cooked jelly taste is entirely absent.

The apples are collected, sorted to all sound ones, and then cleaned and piled up to sweat, which develops an exquisite aroma in the skins. The sound fruits only are then ground up with a grater. Spoiled fruits spoil the flavor and render the juice watery.

With hydraulic presses an average of three gallons from each bushel of fruit is obtained. The juice is pumped direct from the press into a receiving tank and strained through a coarse cloth or burlap to remove pulp. It is then run through a centrifuge of the type used in clarifying milk.

The juice is then put into the sterilizer, which may be a black tin or copper coil in a tank of water which is to be held at an even temperature of 160 Fahrenheit. Good thermometers and careful watching are essential.

The product next goes into sterilized plain tins which are sealed at once and processed at 160 degrees—no more—for 30 minutes or more. Time is counted after tank thermometer records 160, which must not be exceeded. After a short period of cooling, the cans are ready for market or storage.

If sterilizing the juice causes too much air in it, the cans are run through an exhaust box at 160 degrees for about five minutes.

## HEATING SYSTEM PATENTED

### W. Herbert Aldridge to Start Manufacture of Device.

A water heating system for homes and larger buildings that works on a new principle is the invention of W. Herbert Aldridge, shop foreman for the Albina Marine Iron works. Mr. Aldridge has obtained the Canadian patent rights on his invention, applied for an American patent, and has already purchased a factory site at Kenton, where he plans to start manufacturing his heating systems as soon as the American patent is received.

The fundamental principle of the device is the circulation of water both outside and inside a conical fire box of boiler plate. The cone-shaped firebox, according to the inventor, concentrates the heat at the point where the circulating pipes leave the firebox and produces greater heating efficiency than in a cylindrical firebox. One of the heaters has been installed for exhibition purposes in a garage at East Tenth and Burnside streets.

## KETTENBACH HEADS COMPANY

### Ex-Banker to Handle Distribution of Refrigeration Machine.

William F. Kettenbach, for many years active in business and banking circles in Oregon and Idaho, has taken over the distribution of the Torrey refrigeration machine, which is being manufactured in Portland.

"No phase of modern business affairs offers greater possibilities than that of mechanical refrigeration," said Mr. Kettenbach. "Its efficiency for commercial purposes in meat markets, groceries and cold storage plants has been proved. The Torrey machine will apply the principle to home use."

The Torrey Refrigeration Sales company, which is the new concern headed by Mr. Kettenbach, has obtained the Honeyman Hardware company as the Portland dealer. The sales company has taken offices at 802 Wilcox building.

# WHEAT COSTS SURVEYED

## AGRICULTURISTS MAKE INVESTIGATION IN SHERMAN.

### Guide to Results Furnished in Production on 12 Farms in 1919 and on 40 in 1920.

To determine the actual cost of wheat production and the fundamental factors contributing to successful wheat growing, a party of federal and state agriculturists has recently completed the first year's work of a three-year survey in Sherman county. Information contained in the 150 records obtained will not be summarized and returned to the Oregon experiment station from the department of agriculture for some time. A guide to the facts that this survey will disclose, however, is had in the summaries of two similar surveys made in the same county by R. V. Gunn, farm management demonstrator of the extension service, Oregon Agricultural college, C. C. Calkins, county agent of Sherman county, and the farm bureau and the farmers of the county co-operating.

These surveys cover cost of wheat production on 12 farms for 1919 and on 40 farms for 1920. The 1920 report is based on actual financial and inventory records kept by the 40 co-operating wheat growers. As the farms under consideration have approximately 90 per cent of their income from the sale of wheat, they were classed as strictly wheat farms, and the total farm expense, less any miscellaneous receipts, were chargeable to the wheat raised and sold.

Of the 240,000 bushels of wheat involved in these reports, 65 per cent, or 156,000 bushels, were produced at less than $1.65. In calculating unit costs for a given group of farms, it has been the practice to direct attention to the average cost. An average figure does not convey an adequate picture of the costs that are represented, however. It is highly important to know something about the range in costs. A study of the range in costs revealed what is beyond doubt the greatest factor affecting the cost per bushel—that is, the yield an acre.

It is interesting to note that the cash operating expenses approximate but 58 per cent of the total costs of production. Family labor, depreciation and interest on investment make up the other 42 per cent. The largest single item of expense was for labor, hired and family, which totaled 34 per cent of the cost of producing the wheat. The machinery expense, cash costs and depreciation approximated 50 cents for every bushel of wheat produced.

# WALNUT GRADES FIXED

## OREGON GROWERS TO GET TOP PRICES FOR CROP.

### Necessity for Developing New Markets Is Followed by Rapid Growth of Industry.

SALEM, Or., Aug. 28.—(Special.)—The walnut industry of Oregon is reaching such proportions that it is becoming necessary to develop new markets and establish grades. Nearly 50 prominent walnut growers of the Willamette valley attended a meeting at the offices of the Oregon Growers' Co-operative association, at which the grades to be followed in this year marketing were decided on.

Walnuts will be sold under the Mistland brand as jumbo, grafted, No. 1 and No. 2 grades, and these are the grades that the association will observe in handling walnuts this fall.

Oregon walnuts are superior to those produced in California, and buyers who know the merits of the nuts from the two sections stand ready to give 2 cents a pound more for the Oregon product, regardless of wheat the opening prices on the California crop may be. The Franquette is of especial excellence and is the most widely grown grafted variety in the state. This variety comprises nearly 90 per cent of the grafted acreage of English walnuts in Oregon.

In addition to a bumper crop of nuts this year, a large acreage of young groves is coming into bearing, and it is expected that the yield will be much greater than that of any previous season.

## TANGIER PEAS YIELD WELL

### Silage Crop Declared Adapted to Climate in Oregon.

Tangier peas, a new and heavy producing silage crop in the Pacific northwest, has proved well adapted to this region. It was originally imported from Tangier, northern Africa, and has been grown in various parts of the United States with only fair success in the last 20 years.

A supply of seed was obtained from the United States department of agriculture in 1915 for experimental work at the Oregon station, and the resulting crops have shown it to be a practical legume for Willamette valley conditions. It is winter hardy, aphis resistant and is an immense forage producer and good seed producer.

Tangier peas require fertile, well-drained soil and a good seed-bed preparation. The rate of seeding is 100 pounds an acre when sown alone or with a companion crop of winter cereal, 60 pounds with a bushel of grain. Winter rye, wheat, barley or oats may be used, but oats have proved most successful.

## VALUE OF IRRIGATION CITED

### E. N. Strong Points Out Change in Yakima District.

The importance of the state of Oregon's getting solidly back of every irrigation project within its borders with a view to developing land now useless, was emphasized by E. N. Strong, assistant manager of Oregon Life Insurance company, who has just returned from a business trip for the company by auto over western and central Washington.

Mr. Strong pointed out that 20 years ago the Yakima district was a sage-brush plain, whereas this year it will produce crops estimated at $50,000,000.

"A well-developed irrigation unit in Oregon the size of the Yakima valley will bring us additional business equal to the export business of our port for the last year," he said.

Mr. Strong established several agencies for Oregon Life in the territory covered. Mrs. Strong accompanied him on the trip.

## Walla Walla Assessed $14,751,000

WALLA WALLA, Wash., Aug. 28.—(Special.)—Personal property in the county of Walla Walla on March 1, 1921, was valued according to the assessment rolls at $14,751,000 of which $2,650,000 was wheat unsold from the 1920 crop. Only one boat was assessed in the county, while 1812 pianos were assessed and 71 organs. Band and orchestra instruments and phonographs were valued at more than $85,000.


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MEETING NOTICES.

EAST GATE LODGE No. 153, A. F. & A. M. East 80th and Gilsan st. Special communication Monday, 7 P. M. open F. C. Work M. M. 7:30 P. M. Telephone Team conferring degree. Visiting brethren welcome. By order W. M. C. F. NELSON, Sec'y.

PENINSULA LODGE NO. 128, I. O. O. F., meets every Monday evening at I. O. O. F. hall, 600½ N. Lombard street. All Oddfellows invited.
GEO. B. OTTERSTED, Sec.

MUSCOVITES, NOTICE! KREMLIN BAKE IMPROVED ORDER OF MUSCOVITES will have a big parade, initiation and banquet in the Oddfellows' temple at Tillamook Saturday evening, Sept. 3. All members be on hand to show your fez and your smile. Yours for the Bear,
WM. A. MORAND, Char.
JESSE T. JONES, Chronicler.

LODGE EMBLEMS, class pins, officers' jewels will have a big parade, initiation and banquet in the Oddfellows' temple at Tillamook Saturday evening, Sept. 3. All members be on hand to show your fez and your smile. Yours for the Bear.
WM. A. MORAND, Char.
JESSE T. JONES, Chronicler.

LODGE EMBLEMS, class pins, officers' jewels will have a big parade, initiation, special work to order in our own factory. Davida, jewelers and opticians, 343 Washington street at Broadway.

FRIEDLANDER'S for Lodge emblems, class pins and medals. 310 Washington st.

EMBLEM jewelry, buttons, charms, pins, new designs. Jaeger Bros., 131-3 Sixth st.

DIED.

BERTRAND—In this city, Aug. 28, Joseph S. Bertrand, aged 54 years, husband of Celia Bertrand, father of Mrs. Laura Cosebere, Mrs. Anna Hass, Violet, Stanley and Chas. Bertrand, all of this city, and Chester Bertrand of Bend, Or. The remains are at the conservatory chapel of the East Side Funeral directors, 414 E. Alder st. The funeral notice will appear in a later issue.

MEHEW—In this city, Aug. 27, Hilda Mehew, aged 31 years, daughter of Mrs. J. W. Gidding, sister of Mrs. C. T. Wride and Mrs. Arthur Priesel. The remains are at the conservatory chapel of the East Side Funeral directors, 414 E. Alder st. The funeral notice will appear in a later issue.

HADLEY—In this city, Aug. 28, Herschel D. Hadley, aged 23 years, son of Mr. and Mrs. J. G. Hadley. The remains are at the conservatory chapel of the East Side Funeral directors, 414 E. Alder st. The funeral notice will appear in a later issue.

KLENK—August 27, at 506 E. 48th st., Mabel Klenk, aged 33 years, late of Sparta, Mich. The remains are at Finley's mortuary, Montgomery at 5th. Notice of funeral hereafter.


# Portland Business Bulletin

A directory of business firms, professional men, manufacturers, repair men, etc., classified for ready reference. Information as to any class of work not listed may be obtained by calling Main 7070, House 40.

ACCOUNTANTS.
JULIUS R. BLACK, public accountant, auditor, income tax service. Concord bldg., 2d and Stark. Phone Main 7443.
L. MEYERS, accountant, auditor, cost accountant. Spalding bldg. Main 1179.

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E. W. EASTMAN, lawyer and notary public. 934 Chamber of Commerce bldg.

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FUNERAL NOTICES.

BURK—Funeral of Moses Burk, of 741 E. Broadway, aged 74 years, will be held at the funeral chapel of McEntee & Ellers, 16th and Everett sts., on Tuesday, Aug. 30, 2:30 P. M. Interment, Rose City cemetery. Friends invited. Deceased was the beloved father of Harry L. Burk of Kansas City, Mo.; James H. Burk, 741 E. Broadway, Portland, and Mrs. P. N. Pearson of San Diego, Cal.; brother of John Burk of this city, William Burk of Riverside, Cal.; Mrs. Jennie Williamson and Mrs. Margaret Mathews of Greencastle, Ind.; grandfather of Marion and Norman Burk of Portland, Or.; Ursula and Beatrice Burk of Kansas City, Mo.; uncle of George Burk, Faith Burk and Mrs. Daisy Griffin of this city.

DILLON—In this city, August 26, Alma, aged 56 years, wife of Thomas Dillon of 289 Clackamas st.; sister of Mrs. Janie Stewart of Los Angeles, Cal.; Mrs. Fannie Stewart of Athens, Or., and Abe Furman of Rickley, Mont. The funeral cortege will leave Finley's mortuary, Montgomery at 5th, today (Monday) at 8:30 A. M., and proceed to Holy Rosary church, East 3d and Clackamas streets, where mass will be celebrated at 9 A. M. Friends invited. Interment Mt. Calvary cemetery.

HESSE—At her home, 360 East 41st st., August 28, Mrs. Helena Hesse, beloved mother of Mrs. Karl Kock and Miss Elsie Hesse, Fred Hesse, Jr., Karl Hesse and Huxley Hesse, all of Portland. Funeral service will be held Tuesday, August 30, at 9 A. M., from St. Stephens church, East 42d and Taylor sts. Interment in Mount Calvary cemetery. Remains are at the parlors of A. R. Zellar Co., 592 Williams ave.

SMITH—In this city, August 25, Rev. Myrtle Smith of 5427 92d st., S. E., beloved wife of Edward Smith and mother of Edward, Jr., Ora and Jessie Smith. The funeral service will be conducted Monday, Aug. 29, at 2 P. M., in the First Friends' church, East 35th and Main. Friends invited. Interment Mount Scott Park cemetery. Remains are at the funeral parlors of A. D. Kenworthy & Co., 5802-04 92d st., S. E., in Lents.

FENWICK—In this city, Aug. 28, 1921, Catherine, beloved wife of the late William Fenwick, native of Canada, aged 82 years; mother of William, Thomas, George and Frank Fenwick and Mrs. S. Grooms, Mrs. W. Trother and Mrs. M. Voe. Friends invited to attend the funeral service at the chapel of Edward Holman & Son, 3d and Salmon sts., Tuesday, at 2:30 P. M. Interment in Riverview cemetery.

M'LAUGHLIN—In this city, Aug. 27, Owen McLaughlin, aged 83 years; beloved father of J. P. McLaughlin of Pendleton, Or., Mrs. Anna S. McLeod of Pendleton, Mrs. Kate Kugel of Tacoma, Wash., and Martin A. McLaughlin of Duncan, Or. Remains will be forwarded by McEntee & Ellers to Pendleton, where funeral services will be held and interment made.

RUCKERT—In this city, Aug. 27, 1921, Frank Ruckert, aged 76 years, father of Mrs. W. K. Russell and Philip C. Ruckert of Portland, and Frank Ruckert of Calgary, Alta. Friends invited to attend the funeral service at the chapel of Edward Holman & Son, 3d and Salmon sts., Tuesday, at 10:30 A. M., Aug. 30. Interment in Riverview cemetery. Services in cemetery private.

WALKER—Funeral of Courtny Walker, of 331 13th st., city, aged 17 years, will be held Monday, Aug. 29, at 2 P. M., at the chapel of McEntee & Ellers, 16th and Everett sts. Interment, Rose City cemetery. Funeral private. Deceased is survived by father and mother, Jacob and Mrs. Anna Walker, and one sister, Mrs. Gladys Justice.

BROWN—In this city, Aug. 26, 1921, William A. Brown of La Center, Wash., aged 53 years, brother of G. G. Brown of La Center. Remains will be forwarded to La Center by Edward Holman & Son, where services will be held and interment made.

ANDERSON—The funeral services for Anna Anderson, late of 41 East 62d st., will be held today (Monday) at 2 P. M., at Finley's mortuary, Montgomery at 5th. Friends invited. Concluding service Riverview cemetery.

HARLOW—The funeral service for John Dudley Harlow, late of Troutdale, Or., will be held today (Monday) at 3 P. M., at Finley's mortuary, Montgomery at 5th. Friends invited. Interment Douglas cemetery, Troutdale, Or.

HARTZELL—In this city, Aug. 21, 1921, Milton H. Hartzell, aged 50 years. Funeral services will be held at the chapel of Edward Holman & Son, 3d and Salmon sts., Tuesday, at 1 P. M. Interment in Multnomah cemetery.


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