

# OUR FARMERS' PAGE.

ENTERPRISE READERS ARE INVITED TO CONTRIBUTE AGRICULTURAL, HORTICULTURAL, LIVESTOCK, POULTRY, DAIRY OR "BIG CROP" ITEMS FOR THIS DEPARTMENT.

## PLANTING AN ORCHARD.

Advice From the "Apple King of Indiana" as How to Plant and Grow.

"The Apple King of Indiana," J. M. Zion, of Tippecanoe county, tells how he planted and cared for his orchard and his experiences may well be noted by beginners in orcharding. He says: "I planted my trees 32 feet apart. This was a mistake. They should be not less than 38 feet apart, in order to give them room for sprayers and hauling out crops. I cultivate trees six to eight years in order that they may acquire strong constitutions and not come into bearing too early. Potatoes, navy beans, and all kinds of garden truck can be profitably grown between the rows without injury to the trees. After cultivating the orchard six or eight years I like to let it rest three or four years, carefully mulching the trees when not cultivating them, permitting no mulch to come nearer than three feet to stem of trees.

"When I want to rest my orchard from cultivation I sow it down to red clover and rye, but never permit the rye or any other small grain or grasses to go to seed, as this would rob the trees of fertility and moisture so essential to maturing of wood and fruit. The clover and rye is cut with a one-horse mower and carefully placed under the trees as a mulch, which must extend out at least one foot beyond all projecting limbs. I do about all my own pruning in the months of April, May and June. I do not believe in butchering trees as is frequently done by professional pruners. Such treatment only weakens the vitality of the tree and its bearing functions.

"I began spraying in 1892 with a \$14 knapsack sprayer. In 1895 I replaced it with a \$40 two-horse handpower sprayer, mounted on a 200-gallon tank. Last year I purchased one of the latest sprayers made, expending \$500 for spraying outfit, tankhouse, cypress tanks, etc. My present outfit will take care of 100-acre orchard. The spraying is operated by liquid carbonic acid gas power, which is carried in tubes to the 150-gallon sprayer, which is operated under 100 to 120 pounds pressure all mounted on low-down wagon with ten-foot tower, which enables us to throw a cloud of mist instead of water under and over the foliage."

## Corn in the Northwest.

The experiment station at Pullman, Washington, has been doing a good deal of experimental work in finding and developing a variety of corn which can be depended on to mature a good crop in the Palouse country in Eastern Washington. Newspaper reports indicate that the efforts of the station have already been rewarded with success. The season was specially unfavorable for corn there and nearly every variety under cultivation failed to mature. One variety of dent corn, however, ripened up its crop before frosts came. It is said that this variety, the name of which will no doubt be given soon by a bulletin from that station, yields well and gives a large relative proportion of kernels to cob.

## Caring for Sheep in Winter.

House sheep so that they will be dry overhead and under foot and have an abundance of fresh air. This is the advice of those who know in its simplest form. Sheep are more liable to suffer from wet underfooting than any other stock. The need of protection overhead is probably more important because it keeps the quarters dry than for any other reason. With dry footing sheep can stand most all kinds of weather, except cold rains, and not suffer much.

## Strict Rules of Cleanliness.

New conditions and new discoveries have made it necessary to conduct the work of the dairy under more strict rules of cleanliness than heretofore. If milk could pass directly from the milk duct to the sterilized milk vessel without coming in contact with the air it would be practically free from bacteria and would keep sweet indefinitely. The cow does not put the bacteria into her milk. She yields it to the dairyman pure and free from germs, providing she is healthy and free from disease. It is after the dairyman gets it that bacteria drop into it and immediately begin their work of destruction. Very much depends upon the methods employed by dairyman as to the cleanliness and wholesomeness of milk.

## Clover Seed Profitable.

Growing of clover seed is becoming an important part of the farming industry in the western part of Oregon, where from \$25 to \$75 an acre net is realized from the crop. A few years ago the seed could be purchased for 10 cents a pound, but 12 to 15 cents are the figures now asked. Much of the Oregon product is secured by buyers from the middle west states, where it is difficult to grow the seed.

ago the seed could be purchased for 10 cents a pound, but 12 to 15 cents are the figures now asked. Much of the Oregon product is secured by buyers from the middle west states, where it is difficult to grow the seed.

## A New Fodder Developed.

A farmer near Selah, Wash., had a new fodder on exhibition at the Washington State Fair which attracted much attention. It is similar in the stalk and leaves but heads up for seed. It admits of three to five mowings a year, grows from seed to seed in 100 days, and will produce 3,000 pounds of seed from a single pound. The farmer got the original seed from the West Indies, and he declares that in time it will supplant alfalfa over a large area. Farmers who saw it were greatly impressed.

## The Cabbage Crop.

A considerable portion of the cabbage crop is handled in bulk. When forwarded by railroad or shipload the heads are cut from the stalks with a heavy knife or light hatchet and all the outer leaves left on. When prepared for market they are dressed up by removing the outer unbleached leaves. Cabbages are often shipped in ventilated or slat barrels. Tight barrels keep them too warm and may cause rotting. By far the best carrier for shipping cabbage is the barrel size crate. This carries the heads securely, packs in well on board train or boat and shows the quality of the stuff when arriving in market. The heads should be packed in the crates carefully by hand.

## Notes.

It does not pay to work a slow horse by the side of a quick-spirited one.

Farm Life: It is surprising that more farmers do not name their farms.

Whenever a farmer feeds a pig beyond nine months, he is needlessly throwing away his profits.

As much depends on the management of the chickens as in the characteristics of the different breeds.

Never let pigs or any other animals shift for themselves while young and think you can make up for such neglect at the end.

The very great increase in the number and size of commercial orchards is one of the notable features in American fruit growing.

C. W. Dingman, a Poland China hog breeder of Clay Centre, Kan., has sold a half interest in the fine Poland China male, Victor, for \$4,000.

West Coast Trade reports that Washington creamery butter is selling in Tacoma at 35 to 37 cents per pound, and Eastern, at 33 cents.

One acre of clover is worth three acres of timothy, and one acre of alfalfa is worth three times as much as clover for the protein contents.

There are very few cities of importance in the East or Middle West where potatoes are not selling for at least 60 cents per bushel, and in some \$1.00.

At a recent county fair in Maury county, Tenn., there were 140 mules on exhibition, and it is said that not one of them weighed less than 1200 pounds.

H. H. Taylor, a prominent dairy farmer living near Medford, has just added to his herd a Jersey cow and calf from the Ladd estate's Hazel Fern herd.

We should never keep a hard milker in the hairy herd as a breeder. Her calves are apt to have the same defect, and of all defects hard milking is the worst.

The winter cow will be a profitable piece of property this winter; keep her in good trim; feed her right and she will earn a good revenue this winter while the other stock may be eating their heads off.

Too many farmers believe that it is much easier to irrigate than to cultivate, and they drown out their land, irrigate both trees and weeds at the same time, and the latter usually get the greater advantage from their work.

Lane county is now planting cherries on an extensive scale and will compete with Polk and Wasco counties for the honor of being the leading cherry-growing county of the state—a position which was long held by Clackamas county.

Indiana Farmer: It has recently come under our observation that there are more farmers in the state wanting to rent farms than there are farms to rent. All this goes to show that farming is regarded as a profitable business.

Arizona puts out the biggest story

of profitable dairying. It is reported that a dairyman at Phoenix in that territory last year received from a creamery at that place \$8,212 in payment for the butterfat from 45 cows, and it is claimed that \$6,222 of the amount received was clear profit.

From two-thirds to three-fourths of the milk secreted by a cow is secreted while the milk is being drawn. This secretion is thorough or complete if the cow is not excited or worried in any way. If, however, anything worries or excites her when she is being milked there will be a tendency to arrest the secretion of milk and the cow 'holds up her milk,' as we express it.

There are some fertilizers which do not immediately give returns and yet are profitable. At the Illinois experiment station an application of bone meal costing \$2.50 per acre increased the amount of the crop the first year to the amount of only \$2, but it resulted in increasing the crops on the land for several years after the application.

Mr. and Mrs. John Ryan, farming 14 miles south of Tulare threshed 230 acres Sonora wheat last year, selling \$1,500 worth and had 200 bushels left for use and seed; sow 40 to 45 pounds seed wheat per acre; sow in fall of year; open prairie country, sandy loam soil; keep 140 head cattle; in April milking 20 cows got returns of \$104.90; March, 16 cows, \$86.00.

## ENTERTAIN DERTHICK CLUB.

Mrs. L. Adams entertained the Dertthick club Friday, at its first winter meeting the club gathering for the occasion at the home of Mrs. J. W. Chase. Those attending the meeting were: Mrs. Gilbert L. Hedges, Mrs. J. Eugene Hedges, Mrs. Charles H. Caulfield, Mrs. James W. Chase, Mrs. Lewellyn Adams, Mrs. Leonard L. Pickens, Mrs. Ernest A. Sommer, Mrs. Robert L. McAlpin, Mrs. Charles G. Miller, Mrs. O. W. Eastham, Mrs. John F. Clark, Mrs. John W. Moffat, Mrs. Walter A. Dimick, Miss Muriel Stevens, Mrs. J. W. Gray, of Oakland, Cal. Officers were elected as follows: Mrs. Leslie L. Porter, president; Mrs. Samuel Dillman, vice-president; Miss Muriel Stevens, treasurer; Mrs. Lewellyn Adams, secretary. The next meeting will be held Friday afternoon, November 1, at the home of Mrs. John F. Clark, in West Oregon City. The "Bohemian Girl" will be the topic of discussion.

## Money transferred by Postal Telegraph.

It comes put up in a collapsible tube with a nozzle, easy to apply to the soreness and inflammation, for any form of Piles; It soothes and heals, relieves the pain, itching and burning. Man Zan Pile Remedy. Price, 50 cts. Guaranteed. Sold by Huntley Bros.

After a newspaper man has yelled himself hoarse, says an exchange, in an effort to persuade people to patronize home merchants and accidentally stumbles on to the fact that some fellows he is trying to protect are sending away for their job printing or are using printed matter sent out by patent medicine houses, soap factories or other concerns, it rather shakes his confidence in mankind, and makes reciprocity look like a lead dime with a hole in it.

Orchardists in Bellview district in the southern foothill suburbs of Ashland report that two bears have been infesting their orchards and feeding upon the apples. Their tracks are signs were plainly visible.

Dr. R. E. L. Steiner has been elected superintendent of the State Insane Asylum at Salem to succeed Dr. J. F. Calbreath.

Several of the interested property owners of Astoria, in order to make available a large tract of waterfront on the west side of Young's Bay, are preparing a petition to Congress asking that \$50,000 be appropriated for dredging Skipanon Creek from its confluence with the Columbia River to Warrenton.

John Lake, one of the pioneers of 1853, died in Portland Sunday and was buried at Gresham Tuesday. He spent many years in the vicinity of Portland and was well known to the early settlers.

Sousa and his band delighted thousands of people Friday evening and Saturday afternoon and evening in Portland. Many of the old-time Sousa marches, as "Stars and Stripes Forever," "El Capitán," "Manhattan Beach March," thrilled the audience as encores.

Mrs. Louisa Berberich, who has apartments at 162 First street, Portland was indignant that they should arrest her. She was "merely entertaining a few friends on Sunday afternoon. To be sure a few bottles of beer were opened—but that was hospitality." Judge Cameron couldn't see it that way, and assessed her \$25 for "lifting the lid."

The seventh annual convention of the Columbia Central Luther League was held at St. Paul's English Lutheran Church in Vancouver. The Central League is composed of representatives of all the leagues in the Columbia River basin.

Commercial travelers of the United States are to be enlisted in the forces of exploitation for the Portland Rose Festival, to be held next June.

Wm. Olson procured the arrest of J. Sherbar, his father-in-law, Monday on the charge of pointing a gun and threatening his life. But when the case came to trial Olson seemed glad to allow of its dismissal rather than have a counter charge of sundry threatening placed against him; Olson agreeing to pay costs of suit, etc.

The firemen of the city held a banquet last night in Willamette Hall. Nearly 200 firemen and friends sat down to the spread and it proved an enjoyable occasion. Dr. Carl was toastmaster and there were a number of short speeches. The committee in charge was composed of William Peters, Walter A. Dimick, Edward Sheehan, Charles Ely and Peter Frey. The masters of the door are E. A. Leighton and Lawrence Ruonichief Chief of the Fire Department. Members of the several companies acted as waiters.

# STATE NEWS.

The second annual church and Sunday school conference of the Mennonite church for the Pacific Coast district was held in Albany on Monday until Thursday evening. Meetings were held in the W. C. T. U. hall.

The business men of the cities on Coos Bay are concerned about the question of mail delivery during the coming winter. The mails for Coos Bay are delivered at Roseburg and from that city are taken during the winter time on pack horses over mountain roads that are almost impassable. Sometimes the mails are delayed several days.

Rev. C. A. Alderson, a pioneer Methodist minister, living in Salem, was killed recently by being knocked off the trestle over Pennywinkle creek, in Albany, by a train. He struck the creek 30 feet below. Alderson was over 80 years old, and was on his way to the depot, returning to Salem, after a visit to his daughter in Albany.

The Catholics of Eugene celebrated their 20th anniversary Sunday in their fine new church. The services, conducted by Father O'Farrell, assisted by the male choir, began at 10:30 this morning. Rev. J. J. Gallagher, C. S. C., and president of Columbia University, of Portland, preached the sermon. The evening sermon was given by Rev. F. Fitzpatrick, of Cottage Grove. The Catholic church of Eugene numbers some 400 members.

Willamette University announces that hereafter that institution will give a free scholarship every year to the graduate from any of the literary courses of the Salmen high school highest in his or her studies.

Eugene's present city debt, \$67,671.60; Eugene's present school debt, \$40,952.23; Eugene's present debt, \$108,523.93.

Because his wife spent much time in pouting and went for months at a time without speaking to him, John F. Surrill, of Albany, wants a divorce. In a desperate battle between three farm hands stealing a ride on a freight car, and three Yeggmen last Thursday near Ashland, one farm hand, Charles Fink, was killed and Fred Mason and William Hemerick were wounded. The Yeggmen escaped. The farm hands had money and gold watches and the Yeggmen crawled into the car where they were and ordered hands up. Fink fought and was instantly killed and the others were injured.

From a common raft of logs cut on the Coquille river the following scale was taken of 26 logs: Total 75,913 feet, an average of 2923 feet to the log. One log scaled 6000 feet, and would cut into a square timber nearly 36 inches across and 80 feet long.

Acting in direct opposition to the advice of the Attorney-General, the State Board of Education Monday adopted a resolution declaring that text-book publishers who furnish schoolbooks in Oregon must sell them at retail at as low a price as they sell them at retail in any other state.

Railroad land is assessed in Linn county this year at a value five times as great as that of the assessment roll two years ago. Assessor D. B. McKnight Monday made public the fact that he has valued the main line of the Southern Pacific in that county at \$3000 a mile for roadbed and rolling stock. This is an increase of \$11,000 a mile over last year's roll.

Orchardists in Bellview district in the southern foothill suburbs of Ashland report that two bears have been infesting their orchards and feeding upon the apples. Their tracks are signs were plainly visible.

Dr. R. E. L. Steiner has been elected superintendent of the State Insane Asylum at Salem to succeed Dr. J. F. Calbreath.

Several of the interested property owners of Astoria, in order to make available a large tract of waterfront on the west side of Young's Bay, are preparing a petition to Congress asking that \$50,000 be appropriated for dredging Skipanon Creek from its confluence with the Columbia River to Warrenton.

John Lake, one of the pioneers of 1853, died in Portland Sunday and was buried at Gresham Tuesday. He spent many years in the vicinity of Portland and was well known to the early settlers.

Sousa and his band delighted thousands of people Friday evening and Saturday afternoon and evening in Portland. Many of the old-time Sousa marches, as "Stars and Stripes Forever," "El Capitán," "Manhattan Beach March," thrilled the audience as encores.

Mrs. Louisa Berberich, who has apartments at 162 First street, Portland was indignant that they should arrest her. She was "merely entertaining a few friends on Sunday afternoon. To be sure a few bottles of beer were opened—but that was hospitality." Judge Cameron couldn't see it that way, and assessed her \$25 for "lifting the lid."

The seventh annual convention of the Columbia Central Luther League was held at St. Paul's English Lutheran Church in Vancouver. The Central League is composed of representatives of all the leagues in the Columbia River basin.

Commercial travelers of the United States are to be enlisted in the forces of exploitation for the Portland Rose Festival, to be held next June.

Wm. Olson procured the arrest of J. Sherbar, his father-in-law, Monday on the charge of pointing a gun and threatening his life. But when the case came to trial Olson seemed glad to allow of its dismissal rather than have a counter charge of sundry threatening placed against him; Olson agreeing to pay costs of suit, etc.

The firemen of the city held a banquet last night in Willamette Hall. Nearly 200 firemen and friends sat down to the spread and it proved an enjoyable occasion. Dr. Carl was toastmaster and there were a number of short speeches. The committee in charge was composed of William Peters, Walter A. Dimick, Edward Sheehan, Charles Ely and Peter Frey. The masters of the door are E. A. Leighton and Lawrence Ruonichief Chief of the Fire Department. Members of the several companies acted as waiters.

# Portland BUSINESS COLLEGE

TENTH AND MORRISON STREETS, PORTLAND, OREGON  
A. P. ARMSTRONG, LL. B., PRINCIPAL

Educates for success in a short time and at small expense, and sends each student to a position as soon as competent. Quality is our motto, and reputation for thorough work brings us over 100 calls per month for office help. Individual instruction insures rapid progress. We teach the loose leaf, the card index, the voucher and other modern methods of bookkeeping. Chartier is our shorthand; easy, rapid, legible. Beautiful catalogue, business forms and penmanship free-write today. References: any merchant, any bank, any newspaper in Portland.

A quiet home wedding took place Saturday afternoon at the residence of Mrs. D. W. Kinnaird in Canemah when her daughter, Mae E., became the wife of J. Carlos Gormley, of Portland. Rev. A. J. Montgomery, of Portland, officiated. The illness of the bride's mother made it imperative that the affair be without commotion. The decorations were handsome; the ceremony was followed with the usual wedding feast. Those present were Rev. and Mrs. Gormley, of Portland; Mrs. D. W. Kinnaird, Mrs. E. J. Marshall, William Strange and daughter, Miss Mary Strange; William Strange, of Clackamas; Fred Strange, Mr. and Mrs. S. Enis, of Portland; Tom Kinnaird, Miss Beattie Gormley and Mr. Fowler, of Portland. Mr. and Mrs. Gormley have gone to Seattle on a wedding trip, and will reside in Portland on their return.

Mrs. John Labour, an old resident of Marquam, died Tuesday morning and the funeral was held Wednesday afternoon. The interment will be in Miller's cemetery. Mrs. Labour was aged about 65 years, and had been a resident of Oregon for nearly 30 years. She was well known in the southern section of Clackamas county, and she is survived by a husband and one adopted son.



**HARPER WHISKY**  
A DELICATE BEVERAGE  
A SAFE STIMULANT,  
A GOOD MEDICINE.  
For sale by  
E. MATHIES.

**FRED C. GADKE**  
**Plumbing & Tinning**  
Hot Air Furnaces, Hop Pipes, Pumps, Spray Pumps, Water Pipes, Spraying Materials.  
All Kinds of Jobbing a Specialty  
Estimates Given on All Classes of Work.  
Res. Phone 1514—Shop 1516  
914 N. Main St., Oregon City, Or

**CALIFORNIA WINES**  
Strictly in accordance with the Pure Food Law.  
**COBWEB WINE HOUSE**  
417 Main St. - Oregon City

**THE BRUNSWICK**  
W. H. SILCOX, Prop.  
Hotel and Restaurant  
Best Service and Accommodations  
Main St., Opp. suspension Bridge

**W. S. EDDY, V. S., M. D. V.**  
Graduate of the Ontario Veterinary College of Toronto, Canada, and the McKillip School of Surgery of Chicago, has located at Oregon City and established an office at The Fashion Stables, Seventh Street near Main.  
Both Telephones.  
Farmers' 132     Main 1311

When you require an Abstract of Title to lands in Clackamas County, have it accurately and reliably prepared by a responsible company incorporated for the purpose. Our rates are reasonable. We invite you to examine our complete set of Abstract Books.  
**CLACKAMAS TITLE COMPANY,**  
606-608 Chamber of Commerce Bldg., PORTLAND, OREGON.  
Money to loan on Clackamas County Property.

## PROFESSIONAL DIRECTORY

**HARVEY E. CROSS**  
ATTORNEY AT LAW

Real Estate, Loans, Insurance     Main Street, OREGON CITY

**GEORGE C. BROWNELL**  
ATTORNEY-AT-LAW

Phone: Main 521     Office in Caulfield Bldg., Main and Eighth Sts

**THOS. F. RYAN**  
ATTORNEY AT LAW

Probate and Realty Law Practice Specialties. Real Estate, Insurance and Loan. Office—Upstairs, first building south of Courthouse.

**W. S. U'REN**     C. SCHUEBEL  
**U'REN & SCHUEBEL**  
ATTORNEYS-AT-LAW—DEUTSCHER ADVOKAT  
Will practice in all courts, make collections and settlements of estates. Furnish abstracts of title, lend you money on first mortgage. Office in ENTERPRISE Building, Oregon City, Oregon.

**J. E. HEDGES**     F. T. GRIFFITH  
**HEDGES & GRIFFITH**  
LAWYERS  
Rooms 10-13 Weinhard Building, opposite Court House

## Careful of Your Property

One of the secrets of our success in the Baggage and Transfer Business  
**Safes, Piano and Furniture Moving**  
**Williams Bros. Transfer Co.**  
Phones, Office 1121, Residence 1833     525 Main Street

## Deposit What You Like When You Like

But deposit your money HERE. It is possible you have never felt the absolute necessity of having a bank account. It is probable you could drift along for years without one but IF YOU EXPECT TO FORGE TO THE FRONT in this life in a financial way it is essential that you have a Bank Account. We give you a personal invitation to make this bank your depository—whether you have a small sum or a large one to lay aside for safe keeping.

**The Bank of Oregon City**

To Milwaukie only. Via Lent's Junction, daily except Sunday, leave on Sundays, 4:30 a. m. A. M. figures in Roman; P. M. in black.

O. W. P. RAILWAY			
Leave	Arrive	Leave	Arrive
Portland	Oregon City	Canemah	Portland
14:00	5:40	5:48	6:00
6:25	7:20	7:30	6:25
7:00	7:55	8:05	7:00
7:35	8:30	8:40	7:35
8:10	9:05	9:15	8:10
8:45	9:40	9:50	8:45
9:20	10:15	10:25	9:20
9:55	10:50	11:00	9:55
10:30	11:25	11:35	10:30
11:05	12:00	12:10	11:05
11:40	12:35	12:45	11:40
12:15	1:10	1:20	12:15
12:50	1:45	1:55	12:50
1:25	2:20	2:30	1:25
2:00	2:55	3:05	2:00
2:35	3:30	3:40	2:35
3:10	4:05	4:15	3:10
3:45	4:40	4:50	3:45
4:20	5:15	5:25	4:20
4:55	5:50	6:00	4:55
5:30	6:25	6:35	5:30
6:05	7:00	7:10	6:05
6:40	7:35	7:45	6:40
7:15	8:10	8:20	7:15
7:50	8:45	8:55	7:50
8:25	9:20	9:30	8:25
9:00	9:52		9:00
10:00	10:52		9:35
11:00	11:52		10:00
12:05	12:52		11:00
			12:00
			*1:00