

FRUIT-GROWERS.

Meetings Slimly Attended.

Interesting Papers by the Professors —Practical Questions.

The Fruit growers meeting had to be a short Tuesday afternoon on account of declining attendance, and the evening session was given up entirely, although a magic lantern exhibit and a literary and musical program had been prepared for the audience.

AFTERNOON SESSION.

Prof. Cordley of the state college read a paper on tree culture. More depends on tillage and fertilizing than on pruning and spraying. We could not merely plant, spray and reap fruit. The expert pruner, who removes branches by the ton, is a great enemy of all fruit-growers. We need strong healthy trees first.

He believed in judicious spraying to produce a perfect fruit crop, even on a few trees that was not healthy and thrifty from good growth and good tillage could not produce good fruit with all the spraying in the world. Spraying was not the first but the last essential of good results in horticulture.

He would recommend the use of only the best spraying materials under all circumstances almost universal demand for cheap adulterated sprays make it necessary for merchants to supply them. If used even with care and at the right time, adulterated sprays left the trees free of insect pests. A large amount of spray did not always mean good results. In fact only a mist-like or vapor-like spray was fit to go on trees. Coarse spray was not of any value. It must float in the air to kill fungicide. There was not much benefit in a spray that ran off the leaves in large drops.

No perfectly satisfactory spray for all pests and diseases has yet been discovered. A combination spray to be a universal specific was to be distrusted. An orchard infested with fungus diseases needed a different spray than one full of insects. Apple scab and codlin moth could be reached at the same time by adding Paris green to a copper sulphate and lime-solution. Receipts for these sprays were to be found in the bulletins of the State Horticultural Society. Winter spraying was indispensable for San Jose scale, woolly aphid and green aphid. The important spraying however was to be done as the buds were opening or just after they have got through blooming. Four or five sprayings a year were necessary to produce perfect fruit. The best results in spraying must be secured by experience more than by relying upon California and eastern methods. Prof. Hedrick and himself were giving their attention to establishing a system of cheap and effective spraying adopted as early as Oregon.

A number of questions were asked and answered promptly by the professor. He recommended a coat of white-wash with paris green as the best preventive of borers. There ought to be a law to prohibit the sale of adulterated spraying materials. Sulphate of copper sometimes made a blue spray, sometimes green, showing it was adulterated. It should produce a blue or bluish white spray, when mixed with water. Spraying destroys the moss on trees.

Prof. Hedrick said there has been great injury to fruit trees from frost followed by a hot sun striking the south side of the trees and ninety percent of all trees in prune orchards he had visited were injured by the frost last November.

Except in orchards on rolling ground or trees over two years old. All the orchards that were cultivated late and full of sap were damaged most.

Five years ago the same thing had happened and orchards show the effects of that freeze. Italian prunes were hurt more than the Petite. Rev. George said many of his trees had dead roots. They seemed to be in good condition just above the ground, but the roots were perfectly rotten. Prof. Hedrick said he could no more tell what ailed them, unless he saw the trees, than a doctor could tell what ailed a patient unless he saw him.

There was a mushroom that killed the roots of trees—a white fungus growth between the bark and the wood. The professor regretted he had never seen one of these decayed trees, he able to make a diagnosis of it.

A prune grower, from Aumsville, reported a fungus growth on a tree that caused knots or scales to grow under the ground, some as big as four feet. What is the remedy?

Prof. Cordley said there was a remedy and that was to take the roots up and cut out these knots and then wash them with sulphate of copper and carefully put them back, and make five or six holes around the tree and pour in a few gallons of sulphate.

The Aumsville man seemed satisfied with the remedy.

Mrs. Wanda, the secretary was called out and made a short talk, and

wound up with a recitation about the young men who went out west and west-stray and got himself sent to the legislature.

Stephen Jory gave a short practical talk on drying prunes and the sessions closed.

ITEMS OF INTEREST.

The coolest spot in the Union in winter is said to be St. Vincent, Minn.

It is 444 years since Constantinople was wrested from the Christians by the Turks.

The postal receipts for the quarter ending March 31, were \$21,009,140, the largest on record.

Rhode Island is the only state in which the Republicans made a gain over their vote of last November.

A typewriter had \$70,000 in the bank that burst in Chicago recently. She was the typewriter of the president of the bank.

One inch of rain falling over the region drained by the Mississippi is equal to 21,780,000,000,000 gallons of water. Is that all?

Representative Sayers, of Texas, wants the Government to offer a prize of \$50,000 for an engineering scheme capable of controlling the Mississippi.

A steamer arrived at Vancouver the other day with 132,000 pounds of halibut. The same boat made a world's record by catching 110,000 pounds of halibut in a day.

Since the discovery has been made that the Pennsylvania coal miners have been discovered to be starving, it is time to bear that Carnegie has built them another library.

Australia has purchased \$1,500,000 worth of American bicycles during the past year. The American wheel is the best in the world, because the lightest and the strongest, for the weight.

In addition to the Red Cross and the White Cross, there has just been established in Vienna a new order, to be known as the Green Cross. Its object is to give succor to Alpine climbers and excursionists in mountain regions.

John Jacob Astor has returned from Cuba enthusiastic over the merits of the island. He thinks it would be a very valuable acquisition to this country, and that an effort should be made to buy it.

A bible which had been kissed by 40,000 persons in a New York police court was recently submitted to a chemical and microscopical test, which revealed the presence of seven different kinds of microbes.

John Horrigan, known as "Praying John," of Ellis, Kan., has made it a practice for many years to go out on the prairie at sunrise and sunset, no matter what the weather or season of his condition of health, and there to offer up prayer: His knees have worn away the turf and hardened the soil at the place of his devotions.

99 per cent. of the salmon, if allowed to spawn naturally, perish, while if artificially spawned 75 per cent. will be saved. The reason for this lies in the irresponsible action of the male. The female carefully deposits her eggs, but the male drops his milk wherever suits his lordly pleasure.

One of the questions that agitate people along the lower Mississippi is whether alligators burrow in the levees. Crawfish frequently cut holes three or four inches in diameter, and levees have been fairly honey-combed and so weakened by their innumerable small holes that they have been melted away under small pressure of water.

STATE NEWS.

Malluer county has a warm saloon keeper.

Branden woolen mills are running overtime.

Douglas county is advertising for steel cells.

The Pendleton scouring mill will start next week.

Wm. Hall, of Myrtle Point, died at the age of 94, last week.

Rev. C. V. Cross, the singing evangelist is at Albany singing Psalms.

Mrs. Alvin Crain, aged 100 years, died at Junction, Monday morning.

The Eugene register says there are about 1800 acres to hops in that county.

J. L. Mitchell left for Nebraska from Walla Walla with 1300 stock hogs last Sunday.

A Douglas county man claims to have cut a prune with 22 feet in length, grow in one season.

Many Indians are now making their way from Siletz reservation to Regue river to fish for Salmon. They will pick hops in the fall.

Geary, the 4-year-old son of Mr. and Mrs. David Griffith, of West Eugene, was drowned in the Umpqua river. The boy waded in after a duck but got in too deep water. The body was recovered in an hour but could not be resuscitated.

CASTORIA.

James and Andrew Jackson killed a large cougar on Knowles creek Lane county, a few days ago. M. Jackson caught the animal in a trap, it broke the chain and carried off the trap. The boys went after the cougar with the dog and soon but it up a tree where a bullet ended its career.

WITH THE U. O. O. ATHLETES.

Eugene Prospect for Championship Cup Not Very Flattering.

Under the heading—"University Athletes—No College Spirit.—Only a Few Men Working"—the Eugene Guard prints the following which indicates that in all probability the O. A. U. will win the championship cup at the inter-collegiate field meet to be held in this city on Saturday June 5:

Not much college spirit is exhibited in university athletics at the present time and only a few men are at work, though it is time if anything is to be accomplished, that a good team is actively at work.

College men are discouraged, and have but little hopes of retaining the championship cup this year. The material is on hand for a good team and no formidable opposition is anticipated, but the whole trouble lies in a code of rules passed by the faculty of the University of Oregon which places such close restrictions upon men who are fitted to enter the state contest, which will be held in Salem June 5, that it is almost impossible to get a good team.

Another monster difficulty which confronts University athletics is the ruling of the faculty that none but college graduates shall be employed as trainers. Trainers who are college graduates are scarce and come high.

No rubbers are employed and the dozen or so of men who are training are doing so individually. Each man must train himself and take his chance on winning.

The action of the officers of the athletic association who resigned last week has been declared illegal and an indoor contest has been arranged for to take place on May 7. A special inducement will be a medal. On May 15 the regular field day contest will be held, at which time the usual run of events will be worked out and suitable medals given. The first five men in each event in the field contest will be qualified for the state field day contest, provided the faculty will permit them to go.

O. R. & N. New Time Card.

Two daily passenger trains are now run between Portland and Umatilla. No. 4, the afternoon train out of Portland, is a new through train to Spokane, and arrives at Umatilla in the evening, continuing to Spokane via Wallula, without change of cars and connecting direct with Spokane Falls & Northern train for the Kootenai and Great Northern east-bound fast express. Great Northern Palace and Tourist sleepers are operated daily on this train. This train is the connection for Heppner Branch trains from Heppner, Or. and all branch lines south of Walla Walla. No. 2, the evening train out of Portland, is still the through east-bound connection of the Union Pacific, but now runs via Pendleton and Oro via Wallula, connecting with Oregon Short Line east-bound flyer at Huntington. Pullman and Tourist sleepers, also free reclining chair cars, are operated on this train to Chicago via Grainger and Omaha. Sts. Ruth and Elmore leave Trade street dock daily, connecting at Portland with rail division, baggage checked through to all points.

G. M. POWERS, Agent.

CASTORIA. *is in every wrapper*
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CURED AT 73 YEARS.

Dr. Miles' New Heart Cure Victorious. No other medicine can show such a record. Here is a veritable patriarch, 73 years of age, with strong physique to overcome, who had heart disease 25 years. He took the New Heart Cure and is now sound and well.

WANTED—High grade man, good church standing, to act as Local Manager and State Correspondent here, after thoroughly learned our business; salary \$900 if qualified. Enclose self-addressed stamped envelope to A. T. Elder, General Manager, care Daily Journal. 4-27-10

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THE "BUSINESS PRINTER"—Of Salem is Frank C. Over. He is to be found at Dearborn's, and when found will do your business printing quicker, more clearly and satisfactory than any one here. 4-20-10

PERSONS wishing competent help to care for children or assist at special housework, by the day or hour, call at corner Court and 21st streets, or telephone to Eppler's grocery store. Terms reasonable. Anna L. Briggs. 4-13-10

MRS. N. B. SCOTT, Stenographer and typewriter, room 6, over Ladd & Bush's bank. Prompt attention to all classes of work.

SOLICITORS WANTED FOR DR. TALEMAGE'S "The Earth Girl," or his famous tour around the world, a thrilling story of savages and barbarous lands. Four million copies of the book sold, and "The Earth Girl" is his latest and grandest. DEMAND ENORMOUS. Everybody wants this famous book; only \$3.50. BIG BOOK, BIG COMMISSIONS. A gold mine for workers. CREDIT GIVEN. FREIGHT PAID. OUT-FITTING FREE. Drop in trash and sell the books and make \$30 a month. Address for outfit and territory, The Dominion Company, Star Building, Chicago. 3-30-10

Interests on Street Assessments. Covering State and Oak streets, Salem, now due; also interest on sewer assessments in block 58, Salem. Property owners affected by these assessments will call at either the banking house of Ladd & Bush or the office of the city treasurer, and make payment of the same. A. A. LEE, City Treasurer. 4-14-10.

CASTORIA. *is in every wrapper*
Dr. Miles' New Heart Cure. I had heart disease 25 years. I was bad it was not safe for me to go out alone, as dizzy spells would cause falling. I had severe palpitation, shortness of breath, sudden pains that rendered me helpless. All physicians did for me was to advise keeping quiet. In August last I commenced taking Dr. Miles' New Heart Cure, and before I had finished the first bottle I found the medicine was a God-send. I have now used four bottles in all and am feeling perfectly well. I am 73 years of age and have sold a growing number of patent medicines all my life, but I will not allow this to prevent giving my testimony to the great cure your valuable remedy has wrought in me. Do this to show my appreciation of Dr. Miles' New Heart Cure. SAMUEL O. STONE.

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Hood's Pills

Are gaining favor rapidly. Business men and travelers carry them in vest pockets, ladies carry them in purses. Hood's Pills keep them in medicine closets, friends recommend them to friends. 25c.

Oregon State Fair.

The Oregon State Fair for 1897, opens on Thursday, September 30, and closes on Friday, October 8. The books are now open for entries for the following stake races, the entries closing on May 1.

2-year olds, mile heats, 2 in 3, for colts owned in Oregon, Washington, Idaho and British Columbia prior to January 1, 1897. Entrance \$25, payable \$5, May 1, 1897; \$10 July 1, 1897, and \$10 before starting. Added money \$150.

For 3-year olds, mile heats, 2:50 class, 3 in 5, conditions same as for 2-year olds. \$250 added.

No added money for walk overs.

Five-eighth mile dash for 2-year olds, owned in Oregon, Washington, Idaho, and British Columbia prior to January 1, 1897. Entrance \$25, payable \$5, May 1, 1897; \$10 July 1, 1897, and \$10 before starting. Added money \$150.

For 3-year olds, one mile, conditions same as for 2-year olds, \$25 entrance. \$200. Added.

No added money for walk overs.

There must be three legitimate starters in these stakes to carry added money. If less than three, the entrance money will be divided 65 per cent to first, and 35 per cent to second colt.

Other races will be published later.

C. D. GABBRESON, Secretary, Oregon State Board of Agriculture, Salem, Oregon.

The Objection Not Good. There are people who have objection to advertising matter in the reading columns of a newspaper. The ground objection is that they do not want to read advertisements. Now this objection is not good, for often these advertisements convey valuable information. For instance, how else would the travelling public learn of the excellent dining car service of the Wisconsin Central lines between St. Paul and Chicago, or the general comfort of traveling over this popular line. For particulars call on the nearest ticket agent or address J. C. Ford, G. P. A., Milwaukee Wis., or Geo. S. Batty, Genl. Agt. 246 Stark St. Portland, Oregon.

CASTORIA

For Infants and Children. *is in every wrapper*

AN ORGAN.—Almost as good as wood, to trade for wood. E. F. Parkhurst, 254 Commercial street. 5-10-10.

Perfection in dying is only attained by using Perfection Dyes. 21-6t

JOHN HUGHES,

Dealer in groceries, paints, oils, window glass, varnishes, and the most complete stock of brushes of all kinds in the state. Artists' materials, lime, hair, cement and shingles, and finest quality of grass seeds.

NEW ADVERTISEMENTS.

LOST—A Knight Templar watch charm. Engraved initials "C M L" and other emblems. Return to C. M. Lockwood, Salem, Or. 27-3t

FOUND—Pair of physician's saddlebags. Enquire at JOURNAL office. 4-26-10

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C. H. MACK DENTIST.

Successor to Dr. J. M. Keene, old White Corner, Salem, Or. Parties desiring superior operations at moderate fees in any branch are in especial request.

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Office: Willamette Hotel Building. For water service apply at office. Bills payable monthly in advance. Make at complaints at the office.

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211 Commercial st., Salem Or. Suits \$15 upwards. Pants \$5 upwards.

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HARD TIMES PRICES.—Baths 12 1/2c each—porcelain tubs—4 for 50c. Mills' barber shop, 209 Commercial st., Salem 271d

CORN CHOP AND CORN

at the old reliable feed store of BREWSTER & WHITE, 91 COURT ST. SALE.

J. F. GILMOR

[Successor to White & Gilmor.] Lime, Cement, Lath, Plaster.

Corn and Corn Chop, all kinds of feed. 54 STATE ST.

The Poble shop, on corner of State and Front is now prepared to do first class

HORSESHOEING

AND GENERAL JOBBING. Satisfaction guaranteed. Give us a call

J. S. FREEBURGER

NEW MARKET, State street, near railroad. Fresh and best meats in town. My patrons say I keep the best meats in town. 2-23

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SEE D. S. BENTLEY. If you want to move or want a load of any kind hauled or want a load of manure, dirt, sand or gravel, or cement, lime, hair plaster, brick or sewer pipe, see D. S. Bentley, corner of Front and Chamblee streets or ring up telephone 30. Also wood and coal on hands at all times. Orders promptly attended to.

DEPOT EXPRESS.

Meets all mail and passenger trains. Baggage and express to all parts of the city. Prompt service. Telephone No. 70. JAMES RADER.

FOR SALE!

200 acres of good bottom land all under fence, good out range, 135 acres in crops. Frame house, new frame barn, very large. All goes for \$3,000 on easy payments. For further particulars enquire of C. M. Charlton, Salem, Or. 4-19-d & w 1m

Acme Steam Canner

A fortune made by a very small investment. Don't write unless you mean business, but if you want to make money address: MRS. A. C. M'OUTCHEON, Sparta, Mich. 4-14-10

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STABLES.

Best horses and carriages in the city. All service prompt and reliable. Near Hotel Willamette.

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OF THE Southern Pacific Co.

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Above trains stop at East Portland, Oregon City, Woodburn, Salem, Turner, Marion, Jefferson, Albany, Tangent, Shedd, Halsey, Harrisburg, Junction City, Eugene, Creswell, Cottage Grove, Drums and all stations from Roseburg to A. land, inclusive.

ROSEBURG MAIL.—DAILY. 8:30 A. M. Lv. Portland. At 4:10 P. M. 11:00 A. M. Lv. Roseburg. At 2:25 P. M. 5:20 P. M. Lv. Roseburg. At 8:00 A. M.

SALEM PASSENGER.—DAILY. 4:00 P. M. Lv. Portland. At 10:15 A. M. 6:15 P. M. Lv. Salem. At 7:00 A. M. Pullman buffet sleeper and second-class sleeping cars attached to all through trains

WEST SIDE DIVISION. BETWEEN PORTLAND AND CORVALLIS. Mail trains only [except Sunday.]

7:30 A. M. Lv. Portland. At 6:30 P. M. 4:15 P. M. Lv. Corvallis. At 1:35 P. M. At Albany and Corvallis connect with trains of the U. C. & E. Ry.

EXPRESS TRAIN DAILY [EXCEPT SUNDAY.] 8:15 P. M. Lv. Portland. At 8:25 A. M. 12:15 P. M. Lv. Minerville. At 5:30 A. M.

Direct connections at San Francisco with coast and Oriental and Pacific mail express lines for JAPAN AND CHINA. For rates and dates of application

Rates and tickets to Eastern points and Europe. Also JAPAN, CHINA, HONOLULU and AUSTRALIA, can be obtained from W. W. SKINNER, Ticket Agent, Salem.

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It is refreshing to step into a clean, bright, sweet, smelling train as you do if you go East via Billings and the Burlington Route.

No dust on the car seats; no litter on the car floor; no foul air; nothing to remind you of former occupants.

Omaha, Kansas City, St. Louis, Chicago—ALL points East and South.

Two routes east—via St. Paul, Minn., and Billings, Mont.

For tickets and information apply to nearest ticket agent or to

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