MEDFORD MAIL TRIBUNE, MEDFORD, OREGON, TUESDAY, MAY 17, 1910.

### STUDDENTS TO ASK PEAR BLIGHT AND ITS CONTROL PACIFIC COAST THE UPON

This is the Eighth of a Series of Articles That Will Be Printed Daily Until Subject Is Completed-Every Orchardist in the West Should Save These Issues for Future Reference, as They Contain Valuable Information.

By PROFESSOR O'GARA, Assistant Pathologist United States worker's outfit. With it a small Department of Agricuture. Writ- chip may be taken out of the rough ten especially for the Medford Mail bark in inspecting large trees, and, Tribune. Copyright, 1910, by the besides, it is a very handy tool in Medford Mail Tribune. (Continued from Monday, May 16.)

Blight.

It must be understood - from the this is done, cases of hold-over will The petition will be presented to very beginning that there is no spray, certainly be missed. In large, the president following the Yale cure or remedy for blight. Being a rough-barked trees, a chip should be commencement next month. bacterial disease, and once the germ taken out at intervals of about two Ervine Morse, the banker's son, has gained entrance to the bark inches all around the crown as well and Robert Taft are classmates and tissues and the cambium layer by as higher up on the body. It is not warm friends. any means whatever, it can readily necessary to go below the outer be seen that my external application layer of soft bark tissue, and it is in the way of a spray or wash could quite unnecessary to cut as far as THE OLIVER not be effective. There is but one the wood. When the chip is taken thing to do after infection has started, out, if the bark tissue presents a and that is to remove, but cutting, the water-soaked appearance, or if it is affected parts. In other words, the of a red or perhaps bright red color, operation is purely surgical. In all it is almost certain that the body is of the cutting a strong disinfectant infected. When a point of infecshould be used to wipe off the tools tion is found, it should be followed after cutting into the blight, as well up so as to determined the extent to as to wash off the wounds mare by which the infection has run. If portant factors in the Kingdom of the instruments; otherwise, it is pos- careful work of this kind is done, sible to introduce the germ into the no hold-over will escape detection.

cut surface and to carry it from tree to tree on the pruning tools. In the majority of cases, in dry veather, infection would not result from the use ing. As a rule, I would suggest that of pruning tools even though they eradication of blight precede the were not disinfected, but it is never a wise plan to take a chance. In the skilled help should is this work. a wise plan to that a third shifted help should 15 this follow. exuberant growing season is over, the Even in ordinary pruning it is a safe chances for infoction by the use of unclean tools are not so great; however, it has been determined by numerous experiments that blight punctured into the fresh bark in the fall may remain cemi-dormant through what to do when the blight is found the winter and may result in a fine case of hold-over blight the following the roots of the trees. Where the spring. In working out blight as disease occurs on limbs it can be much care should be used to prevent accidental inoculation and infection as a surgeon would use in performing a major operation.

For disinfecting the cut surfaces The tree will push its new top vigand the inst-iment, the best thing to orously, and in two or three years use is a solution of corrosive sublimate or bichloride of mercury in blight has run past the main forks, 17th chapter of Matthew. Dr. Oliver water, one part to one thousand. It however, a serious question is inis often advisable to use the disinfec- volved. Where inefficient, unskilled said in part: tant a little stronger and there is no labor has to be used and where there life. Those who come in contact with tant a little stronger and the number is but little blight to work out, we advise pulling out all trees where it has run down the bodies, or has in-to produce any strength of solution is to be used and where there is but little blight to work out, we advise pulling out all trees where it has run down the bodies, or has in-fected the root system. Many growers, when the matter is explained to be sure that no mistake is made, ask them, condemn such trees and root the druggist how many tablets to use them out, and tius, of course, simto produce a solution of desired strength. When possible, use rail it is possible to cut out the blight water, as the slightly alkaline waters by carefully removing the bark and fell in love with a young woman who water, as the slightly alkaline waters in dry countries tend to precipitate the poisonous mercurial compound. Also use a glass or non-metallic con-Also use a glass or non-metallic con-An inct or two at the side and three she wished. He could not be with tainer, as a tin can or other metal con-tainer may react on the disinfectant and remove the poisonous principle. An ince or two at the bottom and top of the infection may be regarded as safe if done during the winter. How-"In a little over a year he stood Corrosive sublimate kills the pear ever, such cutting will not do durblight germ in solutions in water ing the spring or summer when the at the coffin of his dead wife and when it is diluted to one part to sap is flowing rapidly. Such work 10,000; therefore the above formulae invariably results in miscing many are sufficiently strong enough adn cases. It is never a good plan to dangerous thing to hear the clear, well within the limits. While there leave the matter of working out distinct and definite call of God to are other disinfectants which may hold-over blight until after the sap service and then turn your back upon be used, bichloride or mercury is far begins to flow; the best time to do the cheapest, and there is nothing this and do it successfully is during gained by using anything else. The the dormant period. However, I the missionary work in China, a work use of kerozene, gasoline, and such do not mean to say that hold-over like, is certainly not permissible. Even may no be removed at any time, but She met a man who said that it was carbolic acid is distinctly inferior to I do mean to say the chances for corrosive sublimate, and, besides, its a successful operation are very much not necessary to go as a missionary. Good could be done at home. He noxious smell and burning tendency less, and the amount of cutting nec-backed up his argument with an ofremembered, however, that corrosize more destructive to the appearance They went to Alaska, and there the sublimate is a deadly poison when and health of the tree. As a general taken internally, and the bottle or principle, we believe in drawing the man laughed at her religion, and container should be plainly marked line on those caues where the blight spent his time in the saloons, and in Applied externally to has gone below the crown and into worse places, if there can be a worse POISON. wounds, or upon the hands, will has gone below the crown and into the root system. Even here, how-cause no injury, but, on the other hand, will as readily disinfect as in soil and follow up the blight on the light on the soil and her life's ideal shattered. hand, will as readily disinfect as in soil and follow up the blight on the Young woman, don't part with Christ the case of the tools and cut limbs. roots. A tree should never be con-The greatest care should be taken in sidered as wholly lost where skilled heart if you do. The providence of emptying the bottles containing the labor may be had, and where the God is real. When the opportunity emptying the bottles containing the labor may be had, and where the opportunity body is not completely girdled or body is not completely girdled or where the root system is not too bad-bottle and solution away from chil-bottle and solution away from children or unsuspecting persons. As of the bark must be removed from price. Place your life upon the al-indicated before, there is no danger the body leaving only a small portion in fact, a cut or wound should be treated with it to prevent bacterial infaction which might result in blood neteoning. It should be understood. poisoning. It should be understood, the bared wood has been protected prayer of consecration. Finally a however, that the bacteria of pear by a white lead paint, a new bark blight are not pathogenic to man, covering may be grown. This has that is to say, the germ can produce been done in a very successful way no evil effects even if introduced into the human system. It is a good tree has set a heavy crop of buls plan to use a sponge, which, if fas-for the next year, this plan will eventened by a string, about two feet in tually help to carry the fruit crop. length and tied to one's clothing, is (To Be Continued.) always handy when it is necessary to wipe the pruning tools and the cut surfaces of trees. Some opera- Ransler Wilson and Susie Web- vice, for the salvation of souls. tors tie the sponge by a very short ster were married at the Presbyterstring on the wrist, and this is ian manse by Rev. W. F. Shields at probably the most convenient way to 8 o'clock Saturday evening. The this sermon. use it. An inch or three-quqarter- happy couple intend to make their inch carpenter's gouge is also an ex- home in Jackson county, Oregon.

(cellent tool in the make-up of a **Convicted Banker.** working the blight out of difficult Every member of the senior class at school near Talent. places where ordinary tools cannot Yale, including Robert A. Taft, son

be so easily used. In inspecting of the president, has signed a petilarge trees, whether apple or pear, tion for the pardon of Banker Chas. How to Inspect for and Eradicate the gouge must be used to examine W. Morse, according to a report curthe bodies and the crown". Unless rent here today.

## MEETINGS

The Evangelist.

Evangelists have always been im-God. They always will be. Dr. Oliver is unique in his line. His powers

of impersonation are fine. It is a good plan, when ignorant When he imitates the society leadpruners are in the orchard, to make er or the sanctified old hypocrite his them disinfect in the general pruncaricature and impersonation of them are laughable in the extreme. His powers of story-telling are unsurpassed, and his sermons are replete with anecdote and story. He is terrific at times when he feels that the meetings for the salvation of men plan to disinfect when leaving each tree in order to avoid carrying the are opposed or unnecessarily interrupted. He lives what he preaches. disease in case the pruner has cut into an overlooked case of the and his convictions of right are very pronounced. It is a terrible thing blight. There is a question as to for the ungodly to fall into the hands of the living God, and it is a terrible running down the bodies and into thing for the abettor of ungodliness and crime to fall under the invective readily sawed off, as the removal of of Dr. Oliver, who knows how to lay even the greater portion of the twigs and the branches by no means on the denunciations of God's eter-nal truth. The people of Medford and the branches by no means enhave the opportunity of hearing rare ings. tirely destroys the value of the tree. and great preaching.

be in full bearing again. Where the transfiguration, as recorded in the

let each Christian live the transfigplify the matter. On the other hand, the ministry of the Gospel and then "A young man offered himself for



was in town yesterday after sup- does beat driving a span of horses, especially when a man is nursing a plies. The Sells-Floto circus at Medford dislocated shoulder.

Every Member of Senior Class at yesterday nearly depopulated the Between the building of the tabertown for the day. Yale, Including President's Son, Mr. and Mrs. Emil Brophy of Ash- water system, Central Point is one land visited friends in the city for a of the busiest towns in the valley, Signs Petition for Pardon of the few hours on Monday.

and as both these institutions are Miss Marguerite Holmes of this working along the same line-that of city is at home for the summer va- fire protection-everybody is intercation, having just closed a very ested in seeing the work progress.

NEW HAVEN, Conn., May 17.- successful year as teacher of a Beginning with next Sunday's issue of the Medford Mail Tribune, Mrs. N. P. Thompson left this city Central Point society will have a recfor Condon, Or., on Sunday evening, ognized place in the society columns where she will visit relatives and will of the above paper. Mrs. Evelyn also spend some time at the hot Maple, who looks after the local springs in search of health. Mrs. happenings of Central Point, would Thompson is an aunt of Mrs. James be grateful to have everything in the Shields of Central Point. way of society functions, parties, re-

Among those who attended the cir- unions or special church and lodge cus at Medford yesterday were Mrs. gatherings, reported to her early in

Bessie Randall, Mrs Bam Holt and the week, so that they may have a Miss Frances Holt, Claude White, place in the Sunday paper following. Miss Marguerite Holmes, D. W. Har-

vey, Mrs. D. C. Grim and Miss Pearl Pankey.

At the Moore-Ralph Bacon, Port-Wick Welch assisted R. Burton in the latter's tonsorial establishment land; Mr. and Mrs. Bluett, Ashland; P. E. Gervuld, Sid Beck, Portland; all day Saturday. Mr. Burton reports his business R. W. Hitchcock, Eagle Point; Ray increasing right along. F. Baling, Hester McReynolds, Foots

W. H. Norcross begins in a few Creek; Mrs. W. P. Quinlan and days the erection of a fine modern daughter, Portland; Mrs. Park Ash, home on his recently acquired lots in H. D. Mills, Adams, Klamath Falls; the southeast part of town. His D. A. Nordlinger, Portland; C. A.

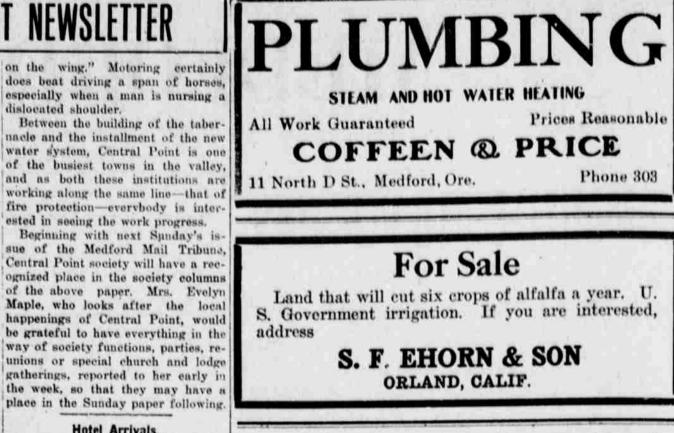
house will cost him, when complete, Weister, Roceburg: C. C. Dollarhide, between \$3000 and \$4000, and ac- Butte Falls; C. H. Starbuck, Portcording to plans will be a model of land; J. M. Davidson, Driggs.

comfort and convenience. At the Nash-W. P. Smith, Port-The fact that cement walks and land; C. H. Verellen, San Francisco; water mains will be laid in this part Duman J. McDonald, Spokane; James of town this year will result in bring- K. Kunan, Portland; W. A. Frace, ing the best class of homebuilders Sacramento; F. P. Walltrummer, to that section. Philadelphia; C. J. Fordi, Falls City; Among those who registered at the D. J. Mathus and wife, Phoenix; Central Point hotel Sunday were: R. George P. Mims, Seven Oaks;; A. E. W. Maxey of Dunsmuir, Cal.; F. O. Maren, Portland; G. W. Call, New Seaton and E. C. Garthright of Port-land and F. R. Harrell of Medford. Pass; Charles Boyce, Portland; J. R. On Wednesday afternoon Mrs. Dan Harvey, Galice; G. W. Cole, Portland; McKillop entertains the members of L. E. Tidball, Portland; M. E. Hamthe Presbyterian Missionary society Ill. Eagle Point.

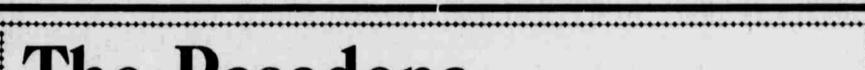
at her home, just west of town. Professor Davis, the musical di-Want a cook? Want-advertise, rector, associated with Robert E. It's hard to keep the money-supply Johnson, the expected evangelist, ar- ample, unless the buying is done with rived Saturday evening and on Mon- as much skill as the money-earning day evening began training the choir requires. That means persistent ad that will furnish music for the meet- | reading.

Want to sell that furniture? Want Frank Hawk, with his family, took, a 75-mile drive in their new Buick advertise.

last Sunday and according to Frank Haskins for Bealth. "she climbed the hills like a bird







Hotel Arrivals.

babe with a broken heart and an uncertain future.

it for any cause.

prominent business man in the number who came forward made this prayer: "Lord Jesus, if you can make anything out of my life, I give it to you tonight for service." Neighhor, get to the place where God can use you for his kingdom.

Almost every Christian present came forward and knelt in prayer for the power of the spirit in greater ser-Tonight the subject is, "What Is Hell?" No one can afford to miss

Haskins for Health.

# The Pasadena of Oregon

People of refinement; people with means; retired business men; professional men; college and university graduates, are coming to the Rogue River Valley by the score. Within the past two years almost a hundred Chicago and Evanston, Illinois, people have purchased homes near Medofrd, and nearly every one of them has a friend or two whom they hope to induce to come and locate in the valley.

New York, Philadelphia, Boston and many other eastern cities are almost if not quite as well represented, while St. Paul and Minneapolis have more representatives here than any other several cities combined.

Think these statements over and get your thinker going. Write to the undersigned or the Medford Commercial Club for detailed information about the country, and you will never have cause to regret it.

## **Bearing Orchards**

### **Near Medford**

EXHIBIT BUILDING

Most of the producing orchards have been held in large holdings antil recently. I few weeks ago the Eden Valley Orchard, containing 605 acres, was placed on the arket in any desired acreage. We have been authorized to offer the bearing apples and pears for sale, and if you know anything about this country and want a desirable block of bearing trees, write or come soon. During the past week over \$150,000 worth of the property has been disposed of. It is located within two miles of Medford at an elevation of about 100 feet above the city and is one of the best kept orchards in the world. Parts of the orchard offered for sale have paid the owner are 2000 the world. Parts of the orchard offered for sale have paid the owner over \$600 per acre per year for four years straight.

Do not come unless you are prepared to stay, for just so sure as you do come the com-bination of fat soil, grandeur of scenic beauty and Italian climate will steal you, body and soul. After one visit here you will be miserable any other place on earth.

John D. Olwell

MEDFORD OREGON