

PEAR BLIGHT AND ITS CONTROL UPON THE PACIFIC COAST

This is the Twelfth 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.

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(Continued From May 21.)
Irrigation as a Factor.
 The whole subject of irrigation is so broad that it will only be discussed here in its connection with the control and eradication of pear blight. While irrigation cannot be considered in the same light as rainfall, since it is merely water applied to the root system, it is, nevertheless, important to understand it thoroughly, especially in connection with blight control. It has been pointed out that periods of rainy weather during the spring and summer produce what has been termed, infection periods, through the wetting of the trees and thus permitting a spread of the infection through infected trees, and making it possible for the germs to be more readily distributed over a considerable area in any district. The warm, muggy weather such as we find common in the east following rainy periods further tend to influence the spread of infection. Irrigation in no way induces any of the above conditions, but, on the other hand, its effect is noted in the tendency of the trees to push very rapidly under a normal water supply and to become sappy and less resistant to blight. It is well, therefore, to have this in mind, and to apply no more water than is actually necessary for the production of the crop or the maintaining of a healthy condition in the tree. In cases where a serious infection has made itself apparent, the water should be immediately turned off and kept off until the blight is under control. It is safe to say that in all irrigated districts some harm usually results from over-irrigation rather than under-irrigation. The tendency to apply too much water is especially the great fault with beginners in irrigation. To irrigate properly and scientifically, one should know soil conditions, soil depths, and drainage. Another important factor is a knowledge of the duty of water; by this it is to be understood the amount of water which should be used to produce the best results. The Rogue River Valley is so situated that a minimum amount of irrigation should be used in certain well defined districts, or perhaps I might say, very small areas. Generally, pears can be well grown without any irrigation whatever; and with good cultivation and proper soil treatment, apples will be able to get along fairly well with much less water than is generally supposed. It is well known that the destruction of the pears by blight in the San Joaquin Valley, in California, was due as much to maintaining too vigorous a growth by irrigation as it was through lack of the important detail knowledge of fighting it scientifically. Not only were the orchards lost, but valuable soils were practically ruined by over-irrigation. It is a well settled fact that irrigation is to be practiced more or less generally in the Rogue River Valley, but I wish to sound this note of warning in regard to the matter of over-doing it. It is doubtful if the heavy, black, sticky soils of the valley

floor are at all benefited by irrigation; I might say that it has been proven that they may be injured.
Cover Crops.
 In the eastern states it is a very common practice to sow a crop of cow peas, sorghum, or, sometimes, even Indian corn in the late spring. This is done to take up the surplus moisture of the soil from the trees which has a tendency to check luxuriant growth and hence acts to check pear blight. It must be understood, however, that the above practice would not be at all advisable in most Pacific Coast districts where there is a shortage of soil moisture. There are localities, however, where it may become necessary to make use of cover crops in this way. The use of cover crops on the Pacific Coast should be for a wholly different purpose; namely, to add fertility to the soil as well as to change its physical condition, in fact, the use of cover crops may be considered to serve the same purpose as stable manure in making the soil more easily tilled and rendering it into better condition for giving up plant food. Cover crops of vetch or cow peas of course, add nitrogen to the soil, and, from this standpoint, it is perhaps better that these leguminous plants should be used in preference to rye or any of the grains or grasses. On some soils such cover crops as rye or wheat do not give the best results, especially on the sticky soils. It usually takes a great deal of labor to produce a good soil mulch after turning under a crop of rye. The rule in the pear orchards of the eastern states has been to keep the trees in a half-starved condition for fear blight would destroy them. Orchard treatment of this kind naturally renders the fruit less luscious and with a distinctly poorer flavor than fruit grown under good cultivation. While I would advise a good deal of caution in producing too vigorous or sappy a tree, when there is serious danger of destruction by blight, I would not advise the pear and apple growers of the Pacific Coast to starve or undercultivate or underprune their trees; but I do mean to say that they should practice moderation in all these things. This is especially true in districts where the blight is new to them, and where they are not thoroughly acquainted with the methods of eradicating it from their orchards and keeping it under control. Pear blight is so different from all other orchard diseases, which respond so readily to spray treatments, that it has been the general rule for whole communities and even states to lose all their orchards before being brought to a realization of the necessity for studying the disease carefully and obeying to the letter the instructions for combating it.
 (The following chapters will give a history of the eradication work in California and Southern Oregon. It is my intention to give in detail the difficulties encountered in this work, as well as the failures and successes. Failures there have been because it is very seldom that communities as a whole feel a common interest in any work which seems to be more or less public in nature. The last few chapters will also give a resume of all the preceding ones, bringing into condensed form the important things that should be known about pear blight.)

(To Be Continued.)

CENTRAL POINT NEWSLETTER

C. W. Jeffers and wife, who have been spending the spring out on their homestead, returned last Thursday evening. They will go back again in a few days.
 Mrs. Myra Roberts, who taught the seventh grade during the school year just ended, has accepted a position in the Talent public school for next year. Roberts was one of the most faithful and conscientious of the many good teachers employed in our school last year.
 Mrs. Dan McKillop entertained the ladies of the Presbyterian Missionary society last Wednesday afternoon at her pretty home on the fine McKillop ranch just west of town. About 15 ladies were present, including several visitors, and at the conclusion of the business and study hour strawberries and cream cake and punch were served by the hostess.
 The closing exercises of the high school were very largely attended last Friday evening in the opera house, even standing room near the doors outside being at a premium. The program was unusually fine and every number deserves special mention.

Miss Merle Ensley, the one member of the graduating class, acquitted herself well in the delivery of her oration. "Footprints on the Sands of Time." Miss Ensley is pretty, winsome and intelligent and suggests in her personality the vision of Queen Eleanor by Tennyson. "A daughter of the gods, divinely tall, and most divinely fair." The members of the eighth grade graduating into the high school were as follows: Cassie Jones, Martin Witte, Oscar Griffith, Hartley Austin, Mark Heatherby, Clifford Hatfield, Margaret Ross, Ella Hay, Frances Shields, Manry Hanley, Luke Peart, Fred Pope, Bruce Nichols, Royal Stewart.
 W. H. Norcross will lay cement walks along the block recently purchased by him in the south-west part of town, and other property owners in that locality are also considering the same improvement.
 Rev. Robert E. Johnson spoke to a large audience Sunday morning in the big tabernacle, all the churches in the city having waived their morning services to attend the tabernacle meeting. Mr. Johnson will speak

every evening this week, and also on Tuesday, Wednesday, Thursday and Friday afternoons. The music under the directorship of Mr. Grey is excellent and attracted many people to the services who would not be reached otherwise.
 The force of employes handling the business of the Espee at the depot in this city has been increased by one more—Clarence Pankey—who will assist in the freight department.

TWENTY-ONE YOUNG MEN GET JOBS IN ARMY

WASHINGTON, D. C., May 23.—Twenty-one young civilians who passed the examinations for commission as second lieutenants in the army three months ago will be nominated for officers in the coast artillery as soon as the senate confirms the nomination of a former class to an advanced grade. The secretary of war has presented the nomination of the advance class to the senate and confirmation is expected this week.
 This will make the vacancies for the twenty-one successful students and their nominations will go to the senate as soon as the vacancies are created.

SHARP TREMBOR IS FELT THROUGHOUT UTAH

SALT LAKE CITY, Utah, May 23.—Cracked walls, leaning chimneys and broken crockery are today's evidences of a sharp little tremor that rocked this section of Utah Sunday. The seismograph at the state university recorded three separate shocks within a period of thirty seconds. Only one shock, however, was felt by residents here, the other two being so light as to be unnoticeable here.
 The area affected was fifty square miles. Slight damage was done in towns within that radius from here.

COUNT DE LESSEPS TO TRY A SECOND FLIGHT

CALAIS, May, 23.—Count Joaquin De Lesseps announced today that he would attempt soon to make a round trip aerial flight across the English channel. The aviator said that probably he would make the attempt this week.
 De Lesseps was prevented from making a round trip from England after he had crossed the channel from here Saturday. The aviator intended to return at once after landing near Dover but high winds frustrated his plan.

A MUTT AND CO. A HIT

For an evening of unalloyed enjoyment go to the Bijou this week. An audience that was packed in as solid as sardines in a box greeted A Mutt and his companions in Funland last night, and to say that they were delighted is to put it mildly. There was not a mediocre number on the entire bill and fun and laughter reigned supreme from the time Zanfretta and Mansfield (Oh you crazy messenger) made their appearance until A Mutt and Co. closed the festivities all was hilarity. A visit to the Bijou this week is money well spent, and above all the house is delightful, cool.

BIG BAND INSTRUMENT MANUFACTURING PLANT BURNS

ELKHART, Ind., May 23.—Half a million dollars, it is estimated today, will hardly cover the damage to the C. G. Conn Musical Instrument factory partially destroyed by fire last night. The big factory, the largest in the world for making band instruments, will be rebuilt as quickly as possible, it is announced today. Hundreds of men have been thrown out of work by the partial destruction of the plant.

GOOD BALL AT CENTRAL POINT

Medford Wins by Score of 4 to 1—Splendid Game is Greatly Enjoyed by Spectators—Many Brilliant Plays are Made.

It was a strenuous game Sunday at Central Point, not only for the players, but also for the spectators, and the Central Point team outside of a few bobbles played real ball.
 The game was won in the first inning, when a three-bagger by Henselman, an error by Ross on short, which gave Miles life at first from where he promptly stole second, and a hit by Isaacs brought Henselman in. Shorty scored on Wilkinson's hit. That made two scores and three hits. There was nothing doing for Medford in the run line until the fourth frame when Coleman scored on an error, a hit, a walk and another error. In the ninth another run came across, making four all.
 Central Point also scored in the first by a hit by Sanderson. Stone-man's sacrifice and Hopkins' three-bagger. It was curtains after that for the C. P. team.
 In Lux the Central Point team has a strong pitcher and Marshall behind the bat is showing up well. Hopkins on first is as good as the best of them. The infield could be helped some with practice. The trouble is that the boys are a little bit too anxious and make fumbles which should not occur.
 Henselman was spiked in the sixth in a mixup at third and retired. Burke went from catcher to third, while Music put on the mask and protector.
 The fans are particularly ravenous at the Point, but they couldn't out-roar the bunch that came down from Medford.
 Strain is getting stronger at that second bag and besides he is walloping the ball.
 Did you notice that two-sacker Blackington got?
 Coleman made half as many hits yesterday as the Central Point team made off his delivery, one single and a two-sacker.
 The score by innings:
 Medford—
 Runs 2 0 0 1 0 0 0 0 1—4
 Hits 3 1 1 1 1 0 0 0 3—10

Central Point—	Runs 1 0 0 0 0 0 0 0—1
Runs	Hits 2 1 0 0 1 0 0 0 1—5
Hits	Summary:
Summary	R. H. E.
Medford 4 10 1
Central Point 1 5 4
Batteries—Coleman and Beebe.	
Music, Lux and Marshall.	

BRITISH LABOR BARRED FROM GOING TO CANADA

LONDON, May 23.—An appeal on behalf of London labor organizations and others interested in the solution of the English problem of the unemployed has been made to the colonial offices to see whether concessions cannot be secured from Canada in the latter's battle against "assisted immigration."
 Canada's new rule refuses admission to all assisted emigrants who do not go out as farm laborers or in some exclusively agricultural capacity. The London Star declares that the real purpose of the rule is to bar from Canada British artisans. "Not many British workingmen," it says, "can cross the Atlantic and find

their footing in a new land without financial assistance.
 "So we have the extraordinary situation of a British colony, won by British blood, protected by British arms and ships, financed by British money and developed to a great extent by British toil, closed to British emigration."

OLD EMPLOYE OF CHICAGO POSTOFFICE ARRESTED

CHICAGO, Ill., May 23.—Albert C. Gordon, a mail carrier, who has been connected with the Chicago office for seven years is under arrest on suspicion of robbing the mails. According to Postoffice Inspector Stewart, who ordered his arrest, Gordon has confessed. The alleged robberies covered a period of four years. The disappearance of registered letters caused an investigation and ended in Gordon's arrest.

BRIDE OF THREE MONTHS PROBABLY FATALLY SHOT

LOS ANGELES, Cal., May 23.—Mrs. George Figuera, bride of three months, is in the Santa Monica hospital today probably fatally wounded. Neighbors who heard a shot in the Figuera home shortly before

midnight, summoned a policeman, who found the woman lying at the foot of her bed with a bullet wound in her head.
 George Figuera, her husband, was taken into custody. According to the officers he refused to make a statement except to declare that he knew nothing of the affair. The police are looking for a man who was reported to have been seen near the place at the time of the shooting.

REDUCED RATES FOR AVIATION MEET.

The Southern Pacific company has announced a rate of a fare and a third for round trip, points Roseburg to Ashland, for the aviation meet to be held here May 27, 28 and 29. Tickets returning good up to and including May 30.

NOTICE TO STOCKHOLDERS.

Notice is hereby given that the annual meeting of stockholders of the Pacific and Eastern Railway will be held at the office of the company, in Medford, Oregon, on Monday, June 6, 1910, at 10 o'clock a. m.
 By order of the President,
 G. P. HUMPHREY,
 Secretary.

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 Medford, 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

Most of the producing orchards have been held in large holdings until recently. A few weeks ago the Eden Valley Orchard, containing 605 acres, was placed on the market in any desired acreage. We have been authorized to offer the bearing apples and pears for sale, and if you know anything about the 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 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 combination of fat soil, grandeur of scenic beauty and Italian climate will steal you, body and soul. After one visit here you will be miserably any other place on earth.

John D. Olwell
 EXHIBIT BUILDING MEDFORD, OREGON

Good Candy Insurance
 Look for this Label
 It stands for all that is good and pure and delicious in Candy.
 Patrons the "Modern Dealer"
 Modern Confectionary Co., Mfrs., Portland, Oregon

EAGLES HOLD BANQUET
 The local F. O. E. will hold a big banquet on Thursday evening, at their hall. All Eagles are cordially invited to be present.