## **GOLD RAY FISH** WAY IS IN GOOD **WORKING ORDER**

No Large Runs of Salmon or Steelheads Have Been Seen at Gold Ray This Year, Although Runs Have Been Reported at the Pass.

H. C. McAllister, master fish warden, will be in Medford Monday for the purpose of investigating fishing conditions and inspecting Rogue river fishways and dams.

Considerable complaint has been made regarding the fishways at the dams. Stories have been brought in that hundreds of fish were congested below the dams and that they found it impossible to locate the ladders and were bounding themselves to pieces leaping against the structures.

Gold Ray shows that the fishway is in good working order, and that fish can readily ascend the ladder. The blight were produced. great flow of water over the dam.

#### Logs Were Used.

making it comparatively easy for the ter. impossible to make the repairs.

of a short time.

There have been no large runs of salmon or steelhead at Gold Ray so far this year, though a run was reported at Grants Pass a fortnight Bartlett pear trees completely de- Factors Governing the Spread of Inago. The probabilities are that the stroyed by blight. This block, as was fish cannot get above the seines of determined by the specimens, carried the Grants Pass fishermen, or if they getting above the Ament dam, which off above the dormant buds in the once enters the tree. Some of these was badly damaged by the floods of spring, the pruning tools became inlast winter, which practically rendered useless the new fishway, though the old one is still in working order. Most of the fish working order. Most of the fish working order. West of the fish working order was a fish working order. West of the fish working up, the cut surface began to ing order. Most of the fish congre- pushing up, the cut surface began to gated at the base of Gold Ray dam gum and blight. The writer has seen prove upon investigation to be carp in certain nurseries in Nebraska mind is the variety of tree, whether -some of which have attained enormous size. There are, of course, some salmon and some steelhead, but use of tools which have been used at nothing like as many as there are carp and suckers.

Deputy Fish Warden Edward Clanton caught two fishermen at the base of the Ament dam last Saturday night and arrested them. They were fined \$100 each.

Reports from the mouth of the Rogne state that there are no salmon there, though the freshet, it is presumed, will bring them up.

### PROMISE GOOD GAME FOR NEXT SUNDAY

It is reported that Central Point has strengthened its team materially and is prepared to give the leaders because it depends upon so many 160 Acres 4 miles from Talent; of the league a run for their money different factors. It may be well to good for alfalfa. next Sunday.

This will be the first game that Medford has had with Central Point since the season opened. In the practice game before the season opened the Central Pointers held the local team closer than has any team since; and it is not beyond the pospercentage.

Lux is a good pitcher, and with reasonable support should keep this hard-hitting Medford bunch guess- after infection. ing.

play at Ashland Sunday. The two must be present in the orchard or last Sunday and the boys from the son in order to have the blight. No 2 girls for general housework, \$1 per Granite City won.

they have reached the limit.

strongest lineup in Sunday's game, honey bee is one of the most active He wants to win it and the Central in carrying the blight on the blos-Point team is beginning to look dan- soms. Other insects visit the pear kinds of h.lp furnished and busines

Haskins for Health.

#### PEAR BLIGHT AND ITS CONTROL UPON THE PACIFIC COAST

This Is the Fifth 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,

Medford Mail Tribune.

(Continued from Wednesday May 10.)

Proof That Insects Carry Blight. That insects really carry pear blight germs on their feet and mouth

however, renders it hard for the fish have been made atomizing the germs The presence of water sprouts or there is little chance for very serious No job too small, none too to locate the ladder. Once located, on the tissues, it has resulted in a spurs from the French stock, on and general infection, although there they have no difficulty in going failure in most cases, except where through puncture through the cuticle has often determines infection. In many in the immediate vicinity of the been made by a pin point, or where localities the entire loss of the pear Last year logs were placed along by the breaking of the leaf or some orchards has come through the inthte crest of the dam, shutting off slight abrasion the skin has been the water from the two sides and ruptured, allowing the germ to en-

fish to locate the ladder. The floods | There are, therefore, two main of the winter, however, took these methods of entry by the germ. First, ands in the Sacramento valley has logs off the west side of the dam, as in the nectar of the blossom, and, well as a portion of the dam itself, second, the tender tips of growing fection. Right alongside of orch-As a result, a large quantity of wa- twigs or water sprouts. Blight oc- ards which have been seriously damter, with the river unusually high, is casionally enters by the third method pouring over the western side of the |-directly into the tender, growing, dam. As soon as the water subsides fleshy bark, through growth cracks, find thrifty trees which were budded sufficiently for repair work, the dam although as a general rule this on Le Conte, Winger Nelis and Kiefwill be repaired and the logs again method of entry is comparatively fer roots; these have not gone down spiked along the crest, remedying rare. Sap suckers or woodpeckers with the disease through their abilpresent conditions. At present, how- become infected by puncturing cases ity to resist the blight. It has been ever, the depth of water makes it of holdover blight and afterward visiting healthy trees produce blight infection in them. We have several Fish can be seen daily leaping into observations along this line, and observation where the bodies have the cascades and trying to ascend doubtless many more occur in na- blighted as far as the union with the at the west end of the dam. These ture. It is even possible for the Winter Nells stock and then stopped. fish, however, will work around to whiffletrees or implements used in If this experience proves universal, the only available outlet—the ladder cultivation to transfer the infection: it is a strong argument in favor of -and make up the river in course pruning tools are certainly a very using the Kieffer and Winter Nelis frequent cause of transmitting the stocks on which to graft the more disease.

Mr. Waite states that in Maryland stocks have a less tendency to throw he saw a nursery block of 10,000 out sprouts. actual samples of holdover blight in the stocks. When stocks were cut fected and the disease was trans- conditions favoring infection. The many cases where nursery infection apple or pear, or any other pome has been brought about through the fruit. All varieties are not equally cutting out blight infection in large there being in many varieties a cerorchard trees, without previously tain tendency to immunity. The more disinfecting them. Pear blight behaves in all sorts of irregular ways when it runs down the limbs and attacked by the blight. The vigor branches. Occasionally a fruit spur spread in a circular spot an inch or soil, the amount of manure or of ferblighting causes the disease to two in diameter on the branches. More often it is an elliptical spot extending lengthwise of the branch. It may run down in a long line from the lower edge, making it very difficult to save the branch or even the tree by cutting on account of this narrow strip of the disease. It is almost impossible to anticipate the variations in behavior of the disease, \$20. point out some of the factors con- 10 Acres, one-half mile from Phhoetrolling the habits of the disease in | nix, \$1,600. order that you may see how varied 34 Acres 3 miles from Medford, unare the influences controlling it.

Factors Which Determine the Spread 25 Alfalfa, 15 fruit, 11/2 miles from of the Disease.

sibilities for them to chip that 1.000 or less completely into two sets. 8-room bungalow, modern; a fine First, those which govern infection, and second, those which determine Lots in West Walnut addition; the spread of the blight in the tree

Factors Governing Infection.

Gold Hill and Ashland teams will the bacillus. The pear blight germ teams met on the Gold Hill grounds must be carried there during the sea- Ranch hands. matter how favorable the conditions And still the Portland team pro- disease cannot develop. The immugresses toward the cellar. It is char- nity of the California and Oregon 2 girls for general housework, \$25 acteristic of the McCredie bunch orchards up to recent years, of per month. that when they start one way or the course, is attributed to the fact that Dining-room girl, \$25, board and other they hardly ever stop until the germ was not there. The second room. factor is the number of insect visitors. We have pointed out that in-Manager Hall will put up his sects carry the blight about. The and apple blossoms and carry the chances handled. blight very widely. The presence of Room 208, Taylor & Phipps Bidg

some certain species of insects, as

fection.

In the numerous experiments which side badly blighted pear orchards, is covered by rainy or cool weather fection of water sprouts and spurs coming from the crown or roots of the trees. Perhaps 90 per cent of the loss in many of the river orchcome about through this sort of inaged through the infection of water sprouts from the stock or roots we particularly noticeable that Winter Nelis roots are very resistant to the blight. Cases have come under my tender varietties. Furthermore, these

fection.

Several conditions or factors con trol the spread of the blight after it Another fact which must be borne in susceptible under similar conditions, vigorous and thrifty the tree, as a general rule, the more seriously it is itself is the effect of various conditions, such as the fertility of the tilizer used, or kind of cultivation, of soil, moisture, rainfall or irrigation, and the presence of other diseases,

160 Acres 41/2 miles from Talent.

der ditch. Will divide

These factors may be divided more 5-room bungalow, modern: a snap. buy.

\$350. Terms. 20 acres, 21/2 miles out, set to com-

mercial fruit, \$375. The first factor is the presence of 7-Room modern house, 2 blocks from main, \$3,500.

may be, unless the germ is there the 2 women for general housework, \$5

per week.

Megford Employment Bureau.

Phone 4141 Main

As a rule, trees on rich soil blight more readily than trees which are on poor soil. There are some apparent on different soils in connection with one year at 7 per cent. their fertility. Alkali soils seem to favor the blight more than correspondingly fertile, or even more fertile soils that are not alkali. On the \$3900, terms. other hand, trees may blight on the acid soils of the eastern states. Sta- West Main street, lot 50x132, \$50 already suggested, has been the ble manure causes the trees to be range connected with hot-water tank Assistant Pathologist United States means of introducing the blight into more susceptible to the blight than goes with the property; price for a Department of Agricuture. Writ- the twigs and branches or bodies of those not manured. The age of the short time, \$2500 ten especially for the Medford Mail the trees. Not only must the insect tree also exerts an important influ-Tribune. Copyright, 1910, by the be present and the germs there for ence. The older and slower growing them to earry, but the weather con- the tree is the less it is attacked by ditions must be favorable for the ac- blight, other things, of course, being tivity of the insects and to bring the equal. Exhaustive crops of fruit trees into proper condition for in- tend to consume the food material of the tree and help to check the blight Flower-visiting insects usually like to a certain extent. On the other South C street; east front, lot 50x sunshiny weather, especially sunny hand, when the trees fail to fruit 100; this property brings a rental of parts, I have proved by capturing weather following a moist season, from unfavorable conditions, such as \$65 per month, pays 17 per cent net these insects in infected orchards which allows many kinds to hatch prolonged rains at the blossoming on investment; price \$4300, terms. and allowing them to walk about on out or develop from the papa. Young period, there may not be the opporprepared culture plates known as orchards are not usually attacked by tunity for infection and the contrapetri dishes, which contained a sub- the blight, rather rarely in fact, un- diction to this principle may be obstance in which germs might make til they have blossomed, unless there served. From observation, orehardgrowth. In from 24 to 48 hours col- is a bad attack of blight in a pear ists know that during rainy and W. T. YORK & CO. onies of germs would be found grow- or other pome fruit orchard near at cloudy weather insect visitors, such ing from the points where the insects hand. There are some cases of young as bees, are very rarely found work-A close inspection of conditions at walked upon the culture medium. By orchards which I have seen in Cali- ing in the blossom. Since the bees inoculating growing shoots from fornia and Oregon that have blight- are the principle distributors of the these cultures, typical cases of ed somewhat seriously before they blight germs, it can be readily seen had bloomed, but they were along- that if the entitre blossoming period

(To Be Continued.)

blooming orehards.

## City Property

exceptions to this, and there is a street, lot 53x100, east front; a good difference in the behavior of blight buy at \$2400, one-half cash, balance

Modern 7-room house on Tenth

Modern 7-room bungalow, close to

bought at \$2750.

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are Missing the Chance of a Lifetime

If you miss a look at my holdings. Everything is being sacrificed to close out quickly.

BENSON INVESTMENT CO. Office over Fruitgrowers' Bank

# Two Essentials

Good 6-room house on North C

street, lot 100x100; a fine home a

Ten lots on West Second street; these lots are worth \$300 each; improvements on property worth \$800, making a value of \$3800, that can be

Modern 7-room house, close in, on

We have the best line of business property in the city and our prices are right. Let us show you.

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WANTED

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flour and good coffee. These are the two essentials,

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and we know that

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Medford, Oregon Office in Jackson County Bank, Upstairs

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#### RESOLVED

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The best resolution for you to make is to come to us for your next suit, if you want something out of the ordinary. We do the best work and charge the lowest prices.

W. W. EIFERT THE PROGRESSIVE TAILOR

# 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 informtaion about the country, and you will never have cause to regret it.

## Bearing Orchards Near Medford

Lost of the producing orchards have been held in large holdings until recently. 1) few weeks ago the Eden Valley Orchard, containing 605 acres, was placed on the ......ket 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 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 miserable any other place on earth.

John D. Olwell

EXHIBIT BUILDING