

# THE PROTECTION OF ORCHARD BY SMUDGING

By P. J. O'Gara, Scientific Assistant, Fruit-Disease Investigations, Bureau of Plant Industry.

Of equal importance with the general forecasts given by the Sacramento and Portland stations were the local observations and forecasts of the writer, made necessary by the absence of a weather bureau observer. In a valley situated as is the Rogue River valley, local conditions and surrounding influence to a considerable degree the temperature, air currents, relative humidity, etc. It was found that the most important thing to the grower was the immediate local forecast made every evening about sundown.

In some cases it will be noticed that several observations were made throughout the evening, so as to determine the trend of local weather conditions. The most important observations were those made with the psychrometer, an instrument for measuring the quantity of water vapor in the atmosphere, this vapor determining to a very great extent whether or not frost may be expected. The psychrometer is made of two thermometers, one bulb being covered with a piece of thin muslin cloth and the other left exposed. The covered bulb is wet and the instrument whirled rapidly so as to produce evaporation from the wet bulb. The temperatures of the two bulbs are read when the wet bulb has reached its lowest point and the difference between the two readings taken. These readings are then referred to tables published by the

United States weather bureau showing the dew point, i. e., the temperature at which dew or frost will form. A complete description of the psychrometer, with directions for using it, was given in the Yearbook of the United States department of agriculture for 1908 by Mr. Dewey A. Seely, in a paper entitled "Instruments for Making Weather Observations on the Farm." Other instruments, such as the barometer, rain gauge, and thermometer, and their uses are also explained in this article.

## Meteorological Data Obtained In The Rogue River Valley.

It is well known to meteorologists, and can be seen upon inspection of Table I, that there is a very close relation between the dew-points of the evening, and the medium temperature of the night. For instance, at 9:10 p. m., on April 9, the dew-point recorded was 21 degrees F. At this time the sky which had been partly clouded early in the evening, began to clear, and a slight wind which had been blowing from the northeast began to calm. The lowest temperature recorded before morning was 20 degrees F. In some of the lowest spots throughout the valley, although on higher ground it was somewhat above that point. Again on April 13, at 7 p. m., with a clear sky and the wind blowing slightly from the northeast, the medium temperature recorded for the night was 37 degrees F.

# JEFFRIES IN BLUE FLUNK SAYS CORBETT

Says Big Fellow Was Alright Until Three Days Before Fight When Change Came Over Him—Battle Got Badly on His Nerves.

SAN FRANCISCO, Cal., July 7.—"Physically he was all right until three days before the fight," said James J. Corbett in discussing Jeffries' failure to whip Jack Johnson at Reno. "Then a change came over him and all that we could do was not sufficient to lift him from his slump. All this talk about his being the 'hope of the white race' got on his nerves."

"There are other reasons for what happened, some of which we realized all along. All through his training he would not listen to advice. I tried to get him to do more boxing but if he wanted to go fishing he simply would take up his rod and go. And if he got a notion that road road was what he needed he would go on the road and refuse to box."

"Several times I made up my mind to quit him. Then I considered that the public would say I was a traitor and so I stuck on. "But we knew he was in good physical condition up to three days before the fight. What happened to him I can't describe any more than to say he went into a state of complete nervous collapse. "Before the first round I went over to Johnson's corner and looked at his hands before he put his gloves on. This was not my purpose, however. I wanted to see if Johnson was nervous. He was. When I came back I said to Jeffries: 'Jeffries, you have that nigger scared to death. If you waded into him you can lick him in one round.' "But Jeffries acted like a man who did not hear what was being said to him. If he had shown the slightest symptom of aggressiveness when I told him that I would have thought that there was some hope for him."

but he acted as if he was in a stupor.

"I know how it was going and I did everything in yelling everything I could think of at Johnson but Jeffries didn't have a punch that would break an egg."

## BAD STOMACH.

My Stomach Is Going From Bad to Worse.

Yes, it's true; thousands of people cannot eat the simplest meal without having it lie on the stomach like a lump of lead, causing misery, sour stomach and gas eructations.

And later, when the stomach has gone from bad to worse, there will be longer periods of food fermentation, and then dizziness, biliousness, sick headaches and nervousness.

If your stomach is out of order, if it doesn't feel right after meals, go today and get a 50-cent box of Mi-o-na stomach tablets. In a few minutes after the first dose, the misery will disappear, and you will be thankful.

Then go right on taking Mi-o-na for a few days. It will build up the stomach, unclot the liver, purify the bowels and make you entirely satisfied with your stomach in a few days.

Mi-o-na stomach tablets are made from the best prescription for stomach troubles ever written. They are sold by druggists everywhere and by Charles Strang and are guaranteed to cure indigestion, acute or chronic, or money back.

Booth's Pills are best for torpid liver and constipation. 25 cents.

## Haskins for Health

# AUTOMOBILES

O. W. Murphy. O. M. Murphy. MURPHY BROS. AUTO LIVERY.

1910 Chalmers Detroit. Phone 1861, Valley Auto Company, Medford, Or.

Quick Service. Easy Riding. Prices Right.

PARRY AUTO LIVERY PHONE MAIN 3141.

Agency for the Parry Cars. Rogue River Auto Co., Frank H. Hull, Prop., Medford, Or.

**Robert F Maguire**  
Late special agent U. S. General Land Office, announces that he has opened law offices in the Medford National Bank Building, for general practice before state and federal courts and the Department of the Interior.



**The Dinner Hour**  
In Hot Weather is More Enjoyable When You Have a General Electric Fan In Your Dining Room

IT IS adjustable for gentle air circulation or a strong breeze. It is portable and may be utilized in any room where there is an electric fixture—simply insert the plug and turn the switch. The expense is small. May we send a G.E. Fan to your home to-day?

**ROGUE RIVER ELECTRIC COMPANY**

# LEADERS PLAN SMOTHER BILL

Bill Pending in Parliament Giving Women Who Own Property Power to Vote for Members of Parliament—Trying to Kill Bill.

LONDON, July 7.—Conservative and progressive leaders today are planning and devising ways to "smother" a suffrage bill pending in parliament designed to permit women who own or rent property to vote for members of parliament. The bill restricts the voting power to those women only who are now entitled to vote in elections similar to the city and county elections in American cities.

The best substitute offered by the leaders, who admit their fear of the effect of the bill upon the governing class should the measure become a law, is the introduction of an amendment or substitute measure limiting suffrage to those women who actually own property. This latter measure is practically assured of passage.

Members of parliament are the most important candidates for whom anyone in England can vote. The pending bill, if passed, would place English women on the same footing politically as Englishmen, in the parliamentary elections at the next step would be the granting of women of all electoral rights possessed by men. And as women generally outnumber the men, it would mean that England would be governed by women.

Heretofore Englishmen have looked upon woman suffrage as a thing to come at some time in the indefinite future. Now it appears very near, and Englishmen are growing uneasy.

"It would be absurd to disguise," says the Globe, "that the bill now before the house of commons is the first step toward a gigantic change. We are not concerned to argue at this moment whether the change be good or bad. We only ask that the logical outcome of this measure be appreciated."

"If the bill passes it means inevitably the enfranchisement of all adult women. Since women compose the majority of the adult population, it follows that they will determine the results of election, will make and unmake governments and will guide the policy of the nation at home and abroad. It may be a very good thing that they should do so. On the other hand, it may not."

## DEATH OF YOUNG GIRL FROM TUBERCULOSIS

Miss Opal Heatherly of Central Point died at that place Tuesday evening, aged about 14 years, of tuberculosis. Both her parents died about a year ago from the same affliction. The funeral took place Thursday morning. She was a niece of Mrs. J. C. Hall of Medford, and of Mrs. W. J. Freeman of Central Point, and a granddaughter of the late W. A. Owen.

# BRYAN STATES NOT CANDIDATE

Commoner Says He Will Not Seek Presidential Nomination—Wants to Make Fight Against Liquor Interests in Nebraska.

LINCOLN, Neb., July 7.—William J. Bryan has issued a formal statement that he will not be a candidate for election to the United States senate.

Bryan said that he intends to campaign against the liquor interests in Nebraska and that he did not wish to be hampered by his own candidacy for any office.

"I stated some months ago that I was not a candidate for the senate and that I did not expect to be," says Bryan in his statement. "I told my friends that while I would not promise not to become a candidate the possibility was too remote to be considered by any one. I was glad when others announced their candidacy."

"A number of reasons convinced me that it was inadvisable for me to enter the race. One was that I saw that the liquor fight coming and I thought I could do my duty better unhampered by candidacy for any office. Later developments justified this decision."

"The persons of Nebraska have done much for me and I have had no chance to do much in return."

## PORTLAND FLOUR MILL TO MAKE NO BLEACHED FLOUR

PORTLAND, Or., July 7.—The Portland flouring mills company is the first of the big mills on the coast to discontinue the process of bleaching flour. Announcement to that effect has been sent to the trade. Hereafter the product will be just as nature intended it.

Local millers say that whether the bleached flour is harmful or not, the process has always borne the appearance of fraud because the system has allowed millers to take a poorer quality of wheat and by bleaching turn out flour that in appearance is equal to the best quality.

## SCHOOLS ARE EXPANDING IN JOSEPHINE COUNTY

SALEM, Or., July 7.—A Report received in the office of State Superintendent of Schools Ackerman from the superintendent of Josephine county gave interesting data concerning that county as follows:

School census	1909	1910
Enrollment	3048	3040
Schoolhouses built	2153	2157
Total receipts of Josephine county	1	2

1909 and 1910: disbursements were \$48,701 in 1909 and \$49,942 in 1910; average monthly salary of male teachers was \$58 in 1909 and \$58.25 in 1910; salary of female teachers \$48 in 1909 and \$50.90 in 1910.

If it's a job for a want ad don't leave it to a placard!

# Pure Clear Sparkling

You can't afford to do without this splendid, refreshing drink. Call up and order a case sent to the house. The purest, most healthful drink known is

# SISKIYOU MINERAL WATER

P. C. BIGHAM, Agent.

# Packers Wanted!

To register with the association for this season's pack. Packing schools for pears and apples in August and September. Pack changed on apples. Everybody must learn it. R. R. FRUIT & PRODUCE ASS'N.

# WRIGHT'S INVESTMENTS

Modern 7-room Home. Well built and arranged. On paved street in highest part of city. \$3,800. Terms. Modern 5-room bungalow home, new and in the right place. Close in. \$3,250. Terms. New 5-room bungalow home; close to Oakdale. Can finish to suit your taste. Only \$2,300.

We have a large list of CHOICE HOMES, and the prices are right.

**J Bruce Wright & Co.**

132 WEST MAIN. PHONE 2691.

## BRIBER BROWNE'S TRIAL TO BEGIN JULY 20

CHICAGO, Ill., July 6.—Judge McSurely announced today that the second trial of Lee O'Neil Browne, charged with bribery in connection with the election of William Lorimer to the United States senate, will begin July 20. The first trial of Browne resulted in a disagreement of the jury after the jurors had been out 115 hours.

Notice. All persons knowing themselves to be indebted to VAN DYKE'S will please call and settle, as books must be balanced at once on account of store having been sold to F. W. Gray.

# Send a Messenger

that will meet with the approval of the recipient of your message. Any old kind of a messenger won't answer. The best should always be sent "if" you wish the recipient to pass a favorable verdict. What you think about business stationery isn't quite so important as what your correspondent thinks.

Don't buy The standard paper for business stationery **OLD HAMPSHIRE BOND** "Look for the water-mark" because it pleases you, but because it influences the man you write in your favor.

Old HAMPSHIRE BOND is a clean, crisp paper, made for clean, crisp business like. It is sold on the assumption that there's economy in quality. A handsome specimen book given upon request, showing letterheads and other business forms, printed, lithographed and engraved on the white and fourteen colors.



**Medford Printing Co.**  
38 SOUTH CENTRAL AVE



**Cuthbert's**  
Are You Interested in FURNITURE?  
We have the goods you want. It will pay you to see us before you buy. We are here to please you. You are welcome to look or buy.  
Special Values This Week in RANGES  
Remember We Have a Beautiful Line of Draperies, Lace Curtains, Couch Covers, Etc.  
**Cuthbert's**  
"Outside the fire limits, but inside on prices"  
Telephone Main 1451 West Main St. Cor. of Laurel Next to Washington School

# The Best Ranch On Evans Creek

This sounds like all advertisements, but if you will inquire of any of the citizens in the neighborhood or at Woodville, they will make the same assertion.

On account of our extensive plans for the development of our 640-acre orchard at Woodville, we have decided to sell our Sunnyside stock and hay ranch of 173 acres on Evans creek.

If you want deep, rich, black soil with irrigation for an alfalfa and stock proposition, an ideal location for raising horses, cattle and hogs, joining an unlimited outside range with abundant water and feed, this surely will fill the bill.

120 acres now in alfalfa, wheat, oats, vetch, corn and beans, balance deep red soil, partly timbered with oak, making a good fall pasture for hogs; 25 acres of this will make a fine orchard tract with very little expense.

Perpetual and exclusive water right to all the water in May's creek; good six-room house, surrounded by oaks and laurels; new framed barn just completed, 72x34, with 20-foot posts, accommodating 12 horses, 65 tons hay, 2000 bushels grain and all wagons, farm machinery, tools and workshop; large hay shed, running water in corral; ranch fenced and cross-fenced with age wire. Quarter mile to school; R. F. D. and Woodville grocery delivery daily; Home telephone system in operation August 15.

To effect a quick sale we have put the price at \$100 per acre, half cash, balance three years at 6 per cent.

# BAGLEY & STREETS

Orchardists and Ranchers, Woodville, Oregon.

**\$12,500**—Thirty-two acres, two miles from Talent, Anderson creek bottom land; five-room box house, good barn and other outbuildings; there are on this place 12 acres in Newtown and Spitzenberg apples, 6 and 7 years old, which have a fair crop this year; between the apples are peach fillers, which are heavily loaded. In addition there are three acres of pears 2 years old and three acres planted to pears last winter; also four acres of alfalfa and about five acres of fine timber; there are two good wells and a complete pumping plant for irrigation; \$6500 will handle this place and the balance can be paid at the rate of \$1000 a year.

**\$15,000**—Seventy-five acres, same neighborhood; good new five-room house, large barn and other outbuildings; spring water piped to the buildings. There are on this place 11 acres of 3-year-old Newtowns and Spitzenbergs with peach fillers, about an acre of bearing family orchard, 10 acres of alfalfa, about an acre of bearing grapes—about 45 acres all told under cultivation, balance in timber which could be cheaply cleared. At \$200 an acre this place is a snap. It would take half cash to handle, balance easy.

**\$300** an acre—Fines fruit and garden land in the valley, half way between Phoenix and Talent; level, black free soil; divided into 10-acre tracts; one-fourth cash, balance in four annual payments with 6 per cent interest.

**\$12,000**—Sixteen and a half acres, midway between Jacksonville and Central Point, facing the hill road; finest building site in the valley. There are eight acres of pears in bearing, trees from 5 to 8 years old, and about an acre and a half of grapes in bearing, balance in timber, which is all good fruit land. Half cash will handle.

**\$20,000**—Less than \$425 an acre for 47½ acres, one mile from Central Point, all good land, good buildings, about 40 acres planted to standard varieties of apples and pears from 1 to 4 years of age, balance in alfalfa. This place will subdivide nicely. It is easily worth \$100 an acre more than is asked.

# W. T. YORK & CO.

If you are interested in Medford property, talk with our city man, Mr W. V. Moore.