

### TREATMENT FOR PEACH BLIGHT

Oregon Agricultural College Issues Bulletin of Instructions to Orchardists.

The Oregon Agricultural college has issued the following information: Now is the time to spray for the peach blight so prevalent in Oregon. It is hoped that every grower of peaches will spray this fall and so help to eradicate this disease from the state.

The reputation of the Oregon peaches is seriously threatened by the presence of the Fruit Spot on shipped peaches, as it is shown by the number of shipments that have been condemned by watchful fruit inspectors.

The disease known as peach blight, or California peach blight is caused by a fungus technically known as *Coreoneum beyerinkii*. It occurs in three forms; on the twigs, where it produces a blight of the buds and some times small cankers at the base of blighted buds, which may girdle twigs and small branches; as a leaf spot, producing a shot-hole effect, and as a fruit spot. It is in the latter form that the grower most frequently notices the disease and the one which he is liable to consider the most serious. It is however to the eradication of the twig blight that he should direct his most strenuous efforts. If the twig blight could be thoroughly eradicated there would be no source of infection for the young fruit in spring, and it will free from the fruit spot at maturity.

The disease under discussion is easily controlled by spraying with the Bordeaux mixture in the fall. Use the 6-6-50 formula and apply as soon as the fruit is off and before the fall rains begin or as soon after as the weather will permit. It is important that a special effort be made to cover all the twigs and branches thoroughly. If scale is present use lime-sulphur (30 degrees Beaume) diluted 1 to 12. In very severe cases it frequently happens that one fall spraying will not be sufficient to control the fruit spot. In such cases summer spraying may be successfully practiced. A recent bulletin from the Oregon Agricultural college and experiment station, by Prof. A. B. Cordley and Mr. C. C. Cate, entitled "Spraying for Peach Fruit Spot" gives the results of two year's experimentation in fall and summer spraying for the fruit spot, and it is conclusively shown that this form of the disease may be practically eradicated by summer spraying with the Bordeaux mixture or lime-sulphur. If Bordeaux is preferred, it seems to have given slightly better results, the 3-6-50 formula should be used;

if lime sulphur is used as a summer spray, a stock solution registering 30 degrees Beaume should be diluted 1 to 25. The first application should be made about May 10 and a second about June 1. The fall spray was found to be the most important.

Continued use of the fall sprays will be found sufficient to hold the disease in check after it is once under control.

Every grower of peaches should have a copy of the bulletin mentioned above and it will be sent to anyone on application to the O. A. C. Experiment station. Specify bulletin 106.

The station department of Plant Pathology has recently been reorganized and is better equipped than ever before to answer inquiries in regard to plant diseases and stands ready to do so at any time.

### TO HAVE 60,000 AT SPOKANE SHOW

National Apple Show Will Prove to Be of Great Advertising Value.

SPOKANE, Wash., Oct. 28.—Three thousand members of the One Hundred and Fifty Thousand Club of Spokane have undertaken to swell the attendance at the second National Apple Show here November 15 to 20, by at least 60,000. Each booster has pledged himself to accompany not less than twenty persons to the gates during the week of the exposition, or make up the difference out of his pocket. No premiums or prizes are attached to this self-imposed task, the real purpose being to show the strength and influence of the organization. Arthur W. Jones, secretary of the club, who is commanding officer of the brigade, is at work on the details of the campaign, which will be launched with an illuminated parade through the principal streets the evening of November 15. The marchers will be headed by a massed band of 200 pieces, including 52 professional musicians, directed by A. G. Reemer.

### High-Class Entertainment at The Savoy.

The usual packed house attended "The Savoy" last evening and enjoyed an excellent entertainment of great merit, judging from the laughter that roared forth "Old Love Letters" and "A Fish Story" had a laugh in every foot of their length. The dramatic feature, "Leatherstockings," is a thrilling Indian story adapted from Cooper's Indian tales, is intensely interesting and well acted amidst many beautiful natural scenes. It is of literary value as well as amusing. Don't fail to witness this performance. Entire change of program tomorrow night. One dime.

### MANY SHOES ARE NEEDED FOR SOUTH

"Lazy Germ" Enters Southerners Though Feet—Causes Spread of Tuberculosis

MOBILE, Ala., Oct. 28.—More than 10,000,000 pairs of shoes or boots are needed to stamp out the hook worm disease in the south. Practically the only way to banish the affliction is to shoe all the persons who now customarily go bare-foot, including all the little black pickaninnies. The matter is to be brought to the attention of John D. board. The germ is in the southern soil and enters the system through the feet.

The Public Health and Marine hospital service has completed its investigation of the hook worm disease and announces that the negro is becoming immune, though a large carrier of the germ. The blacks are said to have brought it here from Africa. It is the presence of the germ in such numbers in the negro, the Washington experts say, which reduces the general power of resistance and renders him so liable to tuberculosis. Thus the hook worm germ is the indirect cause of consumption.

The economic advance of the south will be impossible beyond a certain point, the government says it fears, unless the hook worm germ is banished. It not only makes the "poor white" and the negro lazy and shiftless, but puts a mental handicap on all the children. Charles Warden Stiles of the Public Health and Marine hospital service says he estimates the physical condition of the southern country school children is such that they cannot possibly assimilate much over 70 per cent of the education they receive, the rest being wasted.

The hook worm is said by the government scientists to enter the system mostly by the feet and ankles, though it is also received into the stomach through the eating of raw vegetables and the drinking of contaminated water. The wearing of shoes would therefore, they say, do more than anything else to banish the disease. How to get the plantation negro to do this is now the great problem of the south. To shoe an entire population of ten millions is a job for a Rockefeller or a Carnegie.

### MOB TAKES TWO MEN OUT AND HANGS THEM

VICKSBURG, Tenn., Oct. 28.—Beating down the officers, a mob of 200 men stormed the jail at Floyd, and dragged out Joe Giggard, and Alexander Hill, negroes, and lynched them. They were accused of murdering M. G. Brock, a farmer, who caught them stealing hogs.

### BANK CLEARING BREAK ALL RECORDS

Will Exceed Banner Year of 1907 by at Least Fifty Million Dollars.

PORTLAND, Oct. 28.—Portland's bank clearings for the present year will exceed those of any former year by fully \$50,000,000. The record for the banner year, 1907, was \$350,932,422, while the total for 1909 will easily hit the \$400,000,000 mark by maintaining the present daily average. At the same time November and December will without doubt be the two banner months of the year. The reason for this, according to local financiers, lies in two or three directions. In the first place, as was shown in yesterday's Telegram, there is an enormous amount of railroad building going on in the northwest. The big payrolls and the money for structural material for the most part are negotiated through the local banks. In the second place, there is renewed activity in the lumber market, which it is believed will continue for months to come, and in the third place, there will be a heavy increase in the movement of the cereal crop immediately after November 1, when the railroad will put in effect their 12 1/2 per cent reduction in the rate on grain from first hands to tidewater. The grain movement has been rather slack for the last few weeks, pending the enforcement of the cut in rates recently ordered against the Northern Pacific by the Washington railroad commission, and met by the O. R. & N. The shipper and farmers have simply been waiting until the lower rate shall become operative. The millions of bushels of grain which will begin flowing this way next week will boost the clearings substantially.

### MRS. WILSON SURPRISED BY PARTY OF FRIENDS

A surprise party was sprung on Mrs. Wilson Wednesday evening, when a party of friends gathered at her home on South Peach street for a social call. The guests were highly entertained by some select music and parlor games of highly amusing character were played. Refreshments were served later in the evening and the guests left after having enjoyed themselves thoroughly.

Those present were: Mr. and Mrs. Clay, Mr. and Mrs. Bowling, Mr. and Mrs. Eighmy, Mr. and Mrs. G. Estes, Mr. and Mrs. Davenport, Mr. and Mrs. Schleichst, Mr. and Mrs. Morris, Mrs. Rowlings, Mrs. Noble, Mr. Klippel, Mr. Deaton, Mr. Stacy.

J. W. Quain of Ashland is paying Medford a business visit this week.

## INDUCEMENTS

### Anniversary Sale Water Sale Browniekar Contest

BUY YOUR SUPPLIES HERE NOW and take advantage of the Anniversary Sale prices which prevail in all parts of the store. Look for the blue marks.

THE WATER SALE includes a big lot of new one-piece Dresses, Waists, Skirts, Furs, Bedding, Children's Coats, etc. Load for the red marks.

THE BROWNIEKAR is a prize worth working for, and hundreds of boys and girls are hustling for coupons. Over 10,000 coupons have been given out and we pay CASH FOR ALL YOU BRING IN, and in addition the boy or girl who brings in the most coupons between now and January 1st, 1910, will receive a real automobile, which they can run alone and unaided and with perfect safety.

Every 25th coupon is stamped in red and counts ten, so look out for the red marks.

Buy here and save.

## THE HUTCHASON CO.

Successor to

Baker Hutchason Co.

### MRS. HARRIMAN OPENS OFFICES IN NEW YORK

NEW YORK, Oct. 28.—That Mrs. E. H. Harriman, who was the sole legatee of her husband's vast estate, intends taking an active part in the management of the fortune left to her is indicated by the fact that she has leased a suite of offices on Fifth avenue. The offices cover almost the entire second floor and contain rooms for Mrs. Harriman's lawyers and advisers, in addition to the clerical force.

### REAL ESTATE TRANSFERS.

E. D. Briggs to Palma Cavanaugh, 6 acres in section 5, township 39, range 1 E .. 1400  
Joseph S. Brooks to Nicholas Cavanaugh, land in township 39, range 1 E .. 4500  
G. F. Billings to N. Cavanaugh, land in township 39, range 1 E .. 1

Norris J. Reasoner to D. B. Grant, lot 1, block 9, Rogue River Valley Orchard company's tract, township 38, range 1 E ..... 10  
S. E. Decker to P. A. Van Nice, land in D L C 39, township 39, range 1 E ..... 10  
Emil Wolter to Robert F. Henzika, lot 5, block 2, Wolter addition to Medford ..... 10  
State of Oregon to Jeremiah Numan, 120 acres in section 16, township 36, range 2 E 300

### Marriage Licenses.

Elmer J. Smith and Edith Laura Gibson.  
New Cases.  
Chester Tuttle vs. W. A. Johnson and W. L. Lowe, partners, as Johnson & Lowe; action to recover money. George W. Hrefren, attorney for plaintiff.  
Louisa Howard vs. James W. Howard; suit for divorce. George W. Hrefren, attorney for plaintiff.

# TOO BUSY

TO WRITE ADS DETAILING THE MERITS OF OUR VARIED STOCK, BUT IF YOU WILL CALL AND SEE US WE WILL TAKE TIME FROM

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