

GROWERS WARNED TO SPRAY FRUIT

Apparent "Cleanup" Resulting from Freeze of No Advantage

FREEWATER, May 23.—The necessity of spraying apple and pear trees for codling moth and the green fruit worm in spite of an apparent "cleanup" from the freeze on a few susceptible varieties is being emphasized by the assistant county agent in Freewater.

Following the freeze of 1924, where there was a very light crop of all varieties, the mistake was made by some of the orchardists of neglecting to spray, thinking that returns from the light crop would not pay for the spray and failing to realize that what little fruit remained on the trees would be the only means of keeping the worms alive for the following year unless sprayed. The result was two-fold: a harvest of wormy fruit in a year when the market was exceptionally favorable for all but this grade of fruit and an unusual loss the following year from worms that were kept alive the previous year on what little fruit remained on the trees.

Interval Sprays Paid Big
Recommendations from the O. A. C. Extension Service have been to apply the calyx spray as the last petals fall, before the calyx closes on the central fruit in the cluster. Due to the uneven blossoming period of adjoining trees and even of blossoms within the same tree in some cases, a second calyx spray following the first at a three or four day interval has "paid big" in some instances. There may even be instances this year in which the growers, intending to spray but none in the calyx stage, will find that practically all of his first bloom has been killed and he will then be justified in waiting until the last blossom petals have fallen before spraying. In all cases due consideration must be given to the fact that in the time required to cover the orchard with the air, due to large acreage or to unfavorable weather considerable change will have taken place in the blossom clusters. It must be kept in mind that within a few days after petals fall the calyx cup will be closed so that spray material cannot be forced into it. The object of the calyx spray, used at the rate of two pounds of arsenate to 100 gallons of water, is to "kill" the calyx of the fruit with poison for the time when the worms will be seeking entrance at that point.

Sprays Must Cover
On the other hand the first and subsequent "cover" sprays are for the purpose of coating the fruit with poison for the time when worms will be seeking entrance on the outer surface. These sprays must be repeated at intervals in order to keep up with the increase in diameter of the fruit spreading the doors of lead so far apart that there is danger of worms gaining entrance in these spaces.

Time to apply the first cover spray is equally as important as timing of the calyx spray. It should be applied several days ahead of hatching of the first worms from eggs laid by the moth. The assistant county agent in Freewater, in cooperation with Mr. Rathbone, frost observer in the Walla Walla valley and with the Reclamation office and the Bureau Experiment station at Hermiston is receiving daily reports on evening temperatures that are conducive for egg-laying by the codling moth in these various districts. As soon as egg-laying can be safely forecasted in these districts timing of the first cover spray will be published by him in the local papers and through cooperation with station KOWW in Walla Walla it will be broadcasted for several nights.

Timing of the remaining cover sprays should await further notice as it will depend largely on whether the moth emerges from the winter cocoons in a short interval or as a "continuous performance" as noted last year.

Utah's Queen



Miss Mae Elizabeth Letts of Ogden, Utah, will represent the Beehive state in the International Pageant of Pulehritude at Galveston, Tex. She received many valuable prizes and awards from Ogden merchants after winning in the Utah competition.

Chinese Will Go To Homeland If Nationalists Win

MANILA (AP)—A general home-going movement of Chinese, if the nationalists should win and establish a stable government, is foreseen by Chinese leaders here. More than a few of the 50,000 Chinese in the Philippines have expressed interest in returning to China.

It is pointed out that outside the large cities of China there still is much square and no need for crowding, and that the Celestial is a home-loving individual who migrated to make a living. War and poverty, rather than a wish to become residents of foreign lands, prompted their departure to the ends of the earth.

Success of the nationalists or Cantonese in establishing control over all of the former empire, Chinese here believe, would lead to the instituting of a government that would have foreign credit. Such a government could extend encouragement in the way of business for reclamation and homebuilding purposes and enable tens of millions that now live on boats to derive a living from the soil and prove a magnet for multitudes of Chinese living elsewhere.

The Chinese in the Philippines have prospered beyond any other race here. Although they number only one half of one per cent of the population they control 90 per cent of the retail business of the islands. To return to China, many who prefer merchandising say they would be willing to farm under proper conditions.

Schools on trains and in boats are among the new ventures. Anything to keep the young folk from committing suicide!

The value of automobiles owned in New York State is placed at \$522,000,000, while that of livestock is appraised at only \$250,000,000.



Claude C. Pratt, president of the Lumber Co., is shown in a portrait.

COVE PERSONALS

COVE (Special)—Ralph Hunt, who has been a teacher here in the high school, is moving with his family to Island City, where he will be principal next year.

Mrs. Eugene Alexander and her son Virgil, of Southern California, were here to attend the funeral of Mrs. Alexander's father, J. P. Paul.

Miss Gertrude Kieher, of Milton, has been a house guest of Miss Vina Conley for the past week.

The play, "The Boy in the Bush," sponsored by the Women's club, was presented to the public, Friday, May 21.

The Dharma society of the Baptist church was entertained at the home of Mrs. C. A. Smith on Thursday afternoon.

Mrs. Eva Hansen, who has been one of Union county's students at the normal school at Monmouth, is at home again. Mrs. Hansen has been getting her normal school training under difficulties, having gone there for three summer terms and also spending the past year there graduating in March. She stayed for extra work during the middle of May. During her work there she has met with her two small sons, Bobby and Billy, who have also been attending school. Mrs. Hansen will teach the third and fourth grades in the Cove school this coming year.

An orange is placed in the oven for one minute before peeling to make it easier to remove all of the white membranes.

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