

CORVALLIS GAZETTE



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SAN JOSE SCALE.

Excerpt From OAC Bulletin by Prof. A. B. Cordley

Perhaps the worst feature of an attack by San Jose scale is that, owing to its small size and inconspicuous color, it often remains unnoticed until the tree has been seriously injured or even killed.

The mature scales are nearly circular in shape, are approximately one-sixteenth inch in diameter and each is somewhat raised in the center to form a slight protuberance or nipple which is lighter in color than the rest of the scale.

On badly infested plants the young scales settle wherever there is room to insert a beak into the bark and as they increase in size they become much crowded and overlapped and have the appearance of a gray scummy deposit on the bark.

During the early stages of an attack very few if any of the scales will settle upon the leaves or fruit. Later both may be attacked.

For the benefit of fruit inspectors in particular, it should be noted that the reddish discolorations upon the yellow fruits are not always caused by San Jose scale.

mination for although their presence is not proof of the presence of the scale it is evidence that the vitality of the tree has been seriously impaired by some cause and in regions where San Jose scale is prevalent that cause in a vast majority of instances is the scale.

On the approach of winter scales of various ages and sizes may be found upon infested trees. A very low portion especially of the immature scales usually perishes during the winter but at the present writing, March 10, practically all are still alive.

The male scales are not circular but somewhat elongate. If one removes one of the large circular scales the little yellow object thereby revealed is a mature female.

In May, possibly earlier under favorable conditions, the females give birth to living young and may continue to produce for six weeks or longer.

Even before the young insect has attached itself to the bark the section of the scale has begun. At first it consists only of a fluffy white mass of fine, waxy threads which for the first day or so of its existence cause the young San Jose scale to appear as a minute downy white speck on the bark.

Each female of the over-winter generation is capable under favorable conditions of producing approximately one hundred young.

touching each other in all directions there would be enough of them to cover approximately five acres of surface. It is almost needless to add that in the intense struggle for existence of organism with organism and with climatic conditions such an astonishing rate of multiplication is not even approximated under natural conditions.

Since the female scale is motionless, and permanently attached throughout life to the branch on which it feeds, it is often asked how is it the San Jose scale can spread from tree to tree, orchard to orchard, and even for larger distances?

By such means has the scale been brought from China, its native home, to San Jose, Calif., whence in thirty-five years it has spread to practically all the fruit-growing states in the Union and to various foreign countries.

A Mistaken Idea.

It is all a mistaken idea to suppose that one must be a Shakespearean student to appreciate Shakespearean plays.

Every season new plays are brought out, but of the hundreds written each year, but few survive one brief season.

Just Because.

Your cough is only in the throat and does not trouble you now, don't think that it needs no attention.

BROWN OUT FOR GOVERNOR.

Reform Sheriff Out on a Speeping Reform Ticket.

(Extract from Baker City Herald, February 2, 1902) Harvey C. Brown, for the past 4 years sheriff of Baker county, announces himself as a candidate for the nomination of governor on the republican ticket, subject to the voters and not the machine of the party, at the primaries on April 20, 1906.

His platform is as follows: The primary law and the election of all officers by direct vote of the people.

Abolishment of all machine and bosses, and let the people rule.

Enforcement of all laws, city, county, state and United States and the repealing of the same if not the proper laws for the people.

The abolishment of the use of money for campaign funds and purposes by any candidate, faction or corporation, only as actual legitimate expenses.

And last, but not least, woman suffrage.

HARVEY BROWN'S STATEMENT.

I believe in our new primary law because it gives the people a chance to select whom they want; they are not compelled now to take what the old machine and the bosses put up for them at the old conventions.

I am a Roosevelt republican, who, in my opinion, is one man that is strictly honest, and one that money does not tempt, and I think it time that the republicans of Oregon were turning down the old machine and bosses and getting in line with the people, because if they do not they will turn them all down, as they have evidently done in Portland, and get men from another party who will do as the people want done.

Now, last of all, but not least, woman suffrage. I believe in it because if a mother is capable of raising a boy from the cradle to manhood, she is also capable of voting and helping to make laws that help govern the boys after they are men.

Now as for my record, it is here in Baker county, from childhood. And as to my record as sheriff, I have done the best I could for the people under the circumstances, and can say I am a man that is just as free today as I was the day I went in office and I will admit that I am no orator or public speaker, but on of the best single handed talkers in this county on these subjects.

These few reasons for my platform are from my own personal experience, and is the outcome of



THERE IS A GIRL IN THE CASE. Perhaps it's your intended, or maybe a daughter. Either way if the watch is one I sold it's a good one.

WATCHES that keep correct time are the kind I deal in. It makes no difference if the time-piece I sell you is a silver-cased one or a jeweled gold-cased chronometer; they both bear my warranty.

Albert J. Metzger WATCHMAKER Occidental Building, - - - Corvallis

SPENCER'S Hair Invigorator And Dandruff Eradicator

Prevents the hair from falling out and stimulates the growth



Price, - Fifty Cents

Manufactured by The Vegetable Compound Company Corvallis, Oregon

FIGURE IT OUT. Figure any way you will. The man or woman who makes a purchase at our store actually saves money. We do not claim that all our goods are sold at cost, but we do claim that our customers are not deceived. That our goods are sold only at a profit consistent with the times, and that marking some goods AWAY UP and some AWAY DOWN is not allowed in our store.

A Specialty . . . We are making a specialty in the form of the latest and most up-to-date eye glass mounting, ever offered to the public. This eye glass mounting is "The Heard" guaranteed to stay on where others absolutely fail.

SEEING IS BELIEVING Then come in and see my line of Sporting Goods and be convinced that it is the best and most complete line ever brought to your city, consisting of Guns and Ammunition, Fishing Tackle, Base-ball Goods, Bicycles and Sundries, Pocket Knives, Razors, Sewing Machine Supplies, etc.

We Fix Everything Trial Solicited. Work Guaranteed. New Line of Bicycles. Columbus and Ramblers.

my going into office as Sheriff of Baker county determined to find out the reason why our laws were not enforced, and why a majority of all officers go wrong. One of the people. HARVEY K. BROWN. Take THE GAZETTE for all the local news.

CASTORIA For Infants and Children. The Kind You Have Always Bought Bears the Signature of Dr. J. C. Watson FOLEY'S HONEY AND TAR