

STATE BOARD OF HORTICULTURE.

The Board has issued the following circular:

"The necessity for immediate action in battling with the obnoxious pests that have already secured so strong a hold in many of the orchards of Oregon, prompts the 'State Board of Horticulture,' created by the last Legislature, and which met and organized but yesterday, to issue this bulletin, its first act toward carrying out the objects for which it has been created. The information contained in this bulletin is of necessity brief, and somewhat crude, for time will be required to enable the Board to secure that information from practical experiments that shall be of most value to the orchardists in particular, and to the horticulturist in general.

"The Codlin moth is without question the insect that needs to be looked after first, as it is without doubt the worst pest ever introduced into the state. It is needless to write at length about the ravages of this enemy of the pear, apple and quince; those who have suffered from his acquaintance know him well; those who have been so unfortunate as to escape his acquaintance will do well to use the one ounce of preventive and keep him out, and so have no need for the pound of cure. It is only by 'eternal vigilance' that Oregon's reputation for producing the 'big red apple' sound and free from worms, 'can be maintained.' We therefore appeal not only to that first law of nature, 'self preservation,' but to that nobler one that stirs the heart and prompts to nobler deeds that the entire state may be benefited thereby.

"There are two modes of fighting them generally made use of—one is to prevent the hatching of the egg or the killing of the young worm while working into the fruit; the other is the catching of the worm in traps as it is escaping from the fruit, or by having the fruit eaten by hogs as soon as it drops from the tree and before the worm escapes. The first mode is without doubt the most successful, and is also the least expensive. This is accomplished by spraying the trees with London purple or Paris green, using one pound of either to one hundred and fifty gallons of water. Paris green is a compound of arsenic and copper. It is a far more powerful poison than arsenic alone, and is not soluble in water, hence it will remain much longer on the trees. London purple is another arsenical compound. It is the residue from the manufacture of aniline dye, and contains lime, arsenious acid and carbonaceous matter. It is soluble, more adhesive and less poisonous than Paris green, and therefore is to be preferred. It is better to wet the powder thoroughly and make a paste before putting it into the vessel of water that it may not form lumps. The spray is caused by forcing the liquid by means of a force pump through a fine perforated nozzle, made specially for the purpose. The finer it is the less liquid will be required. The important thing is to scatter the spray on all the fruit.

"The Codlin moth soon after the fruit sets, lays her eggs upon the calyx end of the young fruit. The grub as soon as hatched eats its way into the center of the young fruit, and then growing with its growth works its mischief. In its early state the young fruit is erect, its calyx up wards, and the least particle of poisoned water falling upon it is sufficient to destroy the young worm when it attempts to eat its way into the fruit; therefore, the best and most opportune time for spraying the trees is soon after the fruit is set, and when it is about the size of a small pea. Experience teaches, however, that it is not safe to depend upon the one early spraying to accomplish the results sought for, whether coming from a second and perhaps third crop, which many affirm and others deny, or from those that from some cause have not matured as rapidly as others, still the facts remain that in many places the Codlin moth does not sting the fruit and lay the eggs until later in the season; therefore, to obtain the best results the spraying should be continued with an interval of two weeks until the first of July, and even later than this on some late varieties. Care should be observed that vegetables are not sprayed with these mixtures, and no animals be allowed to eat the grass that has been saturated with the spray."

The use of the above mentioned sprays will be of great value to the orchard in not only ridding it of the Codlin moth, but they will also be found beneficial in freeing it from many other obnoxious insects and fungi that are a source of great annoyance and often of great danger to the trees and fruit. There are a number of mixtures that will operate successfully in exterminating the green aphid or apple tree louse, and can be used as most convenient to be procured:

First. Take 1/2 pound borax soap, 1/2 pint kerosene oil; mix in 2 1/2 gallons hot water.
Second. 1 pound of whale soap dissolved in three gallons hot water.
And still a third which is easily procured.
1 pound of common laundry soap dissolved in sixteen gallons of hot water.
Apply any of these mixtures by means of a spray pump where the aphid begin to show themselves.

The time has arrived when every person having an orchard should be the owner of a force pump with a spray nozzle specially adapted to the work of spraying trees. Where one person has not sufficient use for a pump to

justify him in buying one, let him join with a few neighbors and buy one that will serve them all. The cost of the material and the time required to apply it is small. London purple costs 25 cents per pound in 50 lb. bags, and pumps at complete outfit for 250 lbs. had from \$14 to \$34 each, depending on size and capacity for work.

It is the duty of the board to do all they can in accordance with the results shown in the enactment of the law, and to this end they beseech the cooperation of every person interested in the culture in Oregon. The secretary desires to have the name of every fruit grower in Oregon, and to this end requests that every one to whom this knowledge shall come, will send him his name and residence address. He also desires that all shall write him freely relative to their experience in combating these common enemies of the orchardist for it is only by an interchange of experiences that the best results can be obtained. The board will issue other bulletins relative to the treatment of the various insects and other important matters of interest to all at an early day.

By order of the board,
ETHAN W. ALLEN,
Secretary.

NEW ADVERTISEMENTS.

1840-1889.—The days of 749 are gone and a new era has come. We must keep up with the times and hence note the great reduction in prices at the Albany Bath and Shaving Parlors. Shaving 15 cts. or 8 tickets for 21. Baths 25 cts. or 5 tickets for \$1. Children's hair cut, 15 cts. Hair cutting 25 cts. Hair or whisker dyeing a specialty. Hair oil and Sea Foam for sale. Razors honed for 25 cts.
JOS. WEBBER,
Proprietor.

WANTED.—at the Willamette Valley Land Agencies Office in St. Charles Hotel block, Albany, Or., a large list of lands and farms for sale, also city property.
SCHULTZ, SCHULTZ & HENDERSON.

HORSE STRAYED.—Bay horse, 16 hands high, weighs about 1200, smooth shod. Left farm April 7th, Liberal reward. Return to
W. W. CRAWFORD.

MONEY TO LOAN.—In sums to suit, on improved city or country property at a low rate of interest. For further information address,
E. O. NORTON & Co.,
East Portland, Or.

WHO WANTS A TEACHER? Any school district wanting the services of a teacher can be supplied with one by communicating with L. M. Curl, County School Superintendent.

WANTED.—200 cords of maple timber to be used for manufacturing chairs. For particulars inquire of O. A. Archibald at office of the Farmers' Warehouse, Albany, Oregon.

100 OR 50 ACRES.—100 acres of fine farming or fruit land, 4 miles west of Albany, for only \$25 an acre. Will sell 50 acres if desired. Nicely located. Call on Cooper Turner on Corvallis road.

PIGS.—Some fine Jersey Reds for sale at \$5 a piece. Finest pigs in market. Call on or address Mark Jones, at Vancouver, Or., and get the best to be had.

GARDEN,
Flower, Grass,
SEEDS

from the celebrated seed house of

A. B. Cleveland & Co.

ALSO ONION SETS, AT BEDROCK PRICES.

Discounts to Gardeners,

WALLACE & THOMPSON.

FRESH
Grass and Garden
SEEDS

all kinds at

STEWART & SOX

A New Grocery Discovered

—AT—

Strong's old corner, opposite Stewart & Sox, First Street, Albany, Or.

—A full line of—

FRESH GROCERIES,
CANNED GOODS,
DRIED FRUITS, ETC.

"Quick sales and small profits." "Live and let live," is our motto. Please call and examine our goods and low prices. Satisfaction guaranteed.

Produce Taken in Exchange,

Very Respectfully,

BARDUE & UNDERWOOD.

BROWNSVILLE.

O. P. COSHOW & SONS,

Real Estate and Insurance Agents.

Real estate sold and Collections and Notarial business attended to.

5

SPECIALTIES.

CLOTHING

Fashionable and Stylish Suits, Business Suits, Light weight Summer Suits. Boys' suits and child en's suits.

Furnishing Goods.

Fine line of light weight underwear—bathtriggin and woolen; nosiery, shirts, neckwear, fine wire suspenders, guaranteed for two years, in all the latest novelties.

BOOTS AND SHOES.

A large line in this department of the best in the market.

HATS

Staple and Fashionable lines, among others a fine stock of the John B. Stetson hats.

Tailoring

Merchant tailoring under expert tailor. Suits made to order under short notice at remarkable low figures. More goods turned out than ever before.

L. E. BLAIN.

5

Stick a Pin

in the fact that I am offering better bargains than any one else in Albany. Bought at bankrupt sales I can sell

First-Class Goods

at or below COST.

FOR

General merchandise of all kinds call on me. Particular bargains in a sample of shoes.

Cash for Goods or Country produce

G. W. SIMPSON

Albany, Oregon.

FOR

Drugs, Paints, Oils, Brushes, Alabastine, Artists' Materials, Etc.,

GO TO

CITY DRUG STORE.

Guiss & Son.

NOTICE.—Whereas, my wife, Lydia E. McKinney, has left my bed and board without just cause or provocation, this is to warn the public against trusting her on my account as I shall pay no debts of her contracting.
F. MCKINNEY.
Albany, Oregon, April 2nd, 1889.



A thorough bred bull for sale. Stock, short horned. Age, three years. Color, dark red. Pedigree as good as any in the State. Property of Jas. A. Smith, on the Harrisburg and Albany road, two miles from Halsey.

1889 SPRING AND SUMMER 1889

SPECIALTIES.

LADIES' DRESS GOODS AND TRIMMINGS.

The largest stock and greatest variety in price and quality I have ever carried, and as good value as ever offered to the citizens of Lincoln county.

Special Bargains In Cashmeres,

In colors and blacks. Seersuckers, gingham, chambrays, French prints and wash fabrics. All the novelties of the season in black and colors. I will have something further to say about these in a few days.

EMBROIDERIES, SKIRTINGS

Flouncings, and all overs on cambrics, Swiss and India Linen. I have just opened the largest invoice of novelties in this line ever exhibited in this city, and at greatly reduced prices.

Piques, Lawns, India Linens,

Nansooks in white, cream and colors, all at prices very much cheaper than ever before offered in this city.

TABLE LINEN,

In brown and bleached. This stock I bought in New York at less than importers' price, and am able to give good bargains. 58 inch all linen bleached at 50 cents per yard and others in proportion.

TOWELINGS, CRASHES, ETC.

All these goods I buy direct from importers by the bale, and can sell them much cheaper than if bought of jobbers—towsels I buy in quantities in New York, and am offering them at prices that are sure to sell the goods.

Ladies Cotton Hose

Are cheaper this year than ever before. I have succeeded in getting some good bargains, all of which I am offering to my customers—the same in

MISSSES AND CHILDREN'S,

The above is an outline of the policy I am going to do business on and will endeavor to do my part towards securing the trade in Lincoln and adjoining counties to Albany, and to keep up with the procession of the lively and growing city of Albany. I will have something say about

Carpets, Boots and Shoes, Groceries,

SAMUEL E. YOUNG.

FURNITURE.

You want the best and most durable furniture that is manufactured in the city?

Thomas Brink.

Palace Meat Market.

J. V. PIPE, PROPRIETOR.
FIRST ST. - ALBANY, OR.
Will keep constantly on hand beef mutton, pork, veal, sausage, etc., the best meats and largest variety in the city. Cash paid for all kinds of fat stock.

JOHN BRIGGS,

—FLORIST—
ALBANY OREGON
ROSES A SPECIALTY.
Cemetery, lots planted and attended to