

KILLS CODLIN MOTH

Experiments Result in Determining Time When Fruit Trees Must Be Sprayed to Destroy Successive Broods

E. H. Shepard, manager of the Fruit Growers' union at Hood River, through experiments, believes he has obtained information in regard to the propagation of the codlin moth that may be the means of saving apple-growers here many hundreds of dollars. As is well known to entomologists, the exact period between broods of codlin moths is a fixed one. The coming of the first brood, however, is said by apple-growers, who have carefully watched them, to vary with the temperature of the weather during the early spring. If the coming of the first brood can be discovered, they say that it can then be determined exactly when to spray for the second and most disastrous brood.

This process Mr. Shepard has determined, and this year fruit-growers here will know exactly when to spray in order to eliminate the wormy apple. In talking about this interesting experiment the fruit-growers' manager said:

"Of course we have always sprayed our trees thoroughly and carefully both during the winter and summer, but the system has been more or less haphazard. While it has produced good results, there has been some wormy fruit which it was impossible to eradicate, owing to the fact that the moth propagated between the periods of spraying. By taking a few of the first wormy apples that appeared in my orchard

and placing them in a jar, I have hatched out a codlin moth, the first one that I have seen in the valley, although we have had undisputed evidence that they were here. The life of this moth will be four days, when it will lay eggs that will take 11 days to hatch. So you see we can determine when to spray in order to destroy the second brood.

"The late spring this year" was very unfavorable to the first brood of codlin moth. But the weather during the past month has been the most favorable for that fruit pest that has been known in many years, as for 24 days during the month the minimum temperature at night did not fall below 60 degrees. As the moth flies at night and is not active in a temperature of less than 55 degrees, it can be seen that spraying at the proper time this year will be most important. It may mean the saving of many hundreds of dollars to growers, and there is no reason why this experiment, which as far as I know has never been tried before, cannot be repeated each year until the moth is practically exterminated."

The period of propagation of the moth as determined by the experiment is 50 days. The first brood of worms was in the apples 21 days, in the cocoon seven days, in the period of transformation seven days, life of moth four days, and eggs in hatching 11 days. This agrees with the time announced by the state agricultural college, which places it at from 49 to 50 days.

X RAYS

If you want to get in the "swim," you will have to visit the Maples.

They call them belles over at Newport, because they wring out their clothes after bathing.

Tennyson's poem beginning "Ring out wild bells," does not apply to the seaside. The belles are not wild and

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Success of Lydia E. Pinkham's Vegetable Compound Rests Upon the Fact that it Really Does Make Sick Women Well.

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Marvelous cures are reported from all parts of the country by women who have been cured, trained nurses who have witnessed cures and physicians who have recognized the virtue in Lydia E. Pinkham's Vegetable Compound, and are fair enough to give credit where it is due. If physicians dared to be frank and open, hundreds of them would acknowledge that they constantly prescribe Lydia E. Pinkham's Vegetable Compound in severe cases of female ills, as they know by experience that it will effect a cure.

Women who are troubled with painful or irregular periods, backache, bloating (or flatulence), weakness, displacements, inflammation, ulceration, that "bearing-down" feeling, dizziness, faintness, indigestion, nervous prostration or the blues, should take immediate action to ward off the serious consequences, and be restored to health and strength by taking Lydia E. Pinkham's Vegetable Compound. Anyway write to Mrs. Pinkham, Lynn, Mass., for advice. It's free and always helpful.

can be caught without a lariat, lasso or McCarty.

Churchill's report on Jackson's management of the missions in Alaska reads like a grand jury report on the Chicago packing houses.

Yes, Birdie, Mr. Jackson, of Alaska, got his reputation just as Oregon did its nickname of "Webfoot." It was on account of the reindeer.

Walter Wellman, who was to go to the north pole in a balloon, got as far north as Spitzbergen, but that was far enough to make his feet cold.

An exchange says "Rockefeller is having his portrait done in oil." Rocky has "done" everything else in oil, and his own may be his last chance.

The Alaska Indian school enrollments says, Mr. Churchill, are purposely padded. Well, anything rather than not be in touch with the prevailing style.

It is reported that Rockefeller has his eyes on Africa. The natives down that way would better begin to sharpen up their assegais, and practice the death dance. If they don't eat him he will chew them.

Official figures show that for the fiscal year ending July 1, 1906, the people of the United States drank 160,000,000 gallons more beer than in the year preceding it. Does the statement have anything to do with the sudden jump in hops?

The big Booth-Kelly sawmills may be compelled to close on account of car shortage. Part of the trouble is caused by thousands of cars being held in San Francisco, the consignees being unable to unload them. Thus does the 'Prisco quake now shake up Oregon.

The gentle tintinnabulation of the telephone bell last evening caused the horse editor to take down the meaning of Skaneateles hair. For the benefit of his several thousand lady friends, he desires to state that Skaneateles is a little town in York state about 40 miles beyond Auburn.

A story comes from Omaha that a mulatto woman passed herself off as a Jewess to her lover, and he married her under the impression that she was what she claimed to be. She must have been an artist, or her lover totally blinded by her charms. A negress and a Jewess are about as diametrically opposite in every way as any persons can be.

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For Sale.—115 acres, 7 miles east of Salem; 40 acres in cultivation; running water; good house, barn, outbuildings and orchard. Farming implements and stock go with premises. A bargain. Call on or address M. P. Mortenson, R. F. D. No. 6. 6-21-dw-1f

FOR RENT.

For Rent.—Furnished and unfurnished rooms at 790 North Commercial St. M. A. Dice, Prop. 5-1-1f

WANTED—MALE HELP.

Carpenters Wanted.—Several good workmen wanted to build a ferry boat. Apply to A. D. Pettyjohn, at Hall's Ferry. 8-7-1f

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Prime Facers Wanted.—Tilson & Co. want 125 girls for facing prunes. Work will commence as soon as prunes are ready, or September 15th. Steady work furnished. Call and register at their store on High street. 8-6-1m

Wanted.—Girl or woman to help with housework; family of three; wages and a home. Mrs. A. E. Wright, 14th and Oak streets, opposite depot. 8-16-3t*

WANTED.

Oats and Barley.—Wanted by Tilson & Co. See us before you sell. Sacks furnished. 8-10-12w

HOP PICKERS WANTED.

Wanted.—150 hop pickers to register; picking begins about the 25th of August; good yard; good camping ground; mail every day; situated adjoining Eola. Call at Hop Lee laundry, Commercial street. 6-29-1m

Hop Pickers Wanted.—Old and new pickers registered now for this fall's picking. Parties living in the city transferred to and from yards free of charge. Camp sheds and wood provided. Frank W. Durbin, Bayne building, Salem. 7-21-1f

MISCELLANEOUS.

Say.—Have you tried the new steam laundry? Phone 261, and the driver will call for your clothes. 7-30-1f

Hotel Scott.—Newly furnished, everything clean and first class. Rooms at reasonable prices. In Cattle block, Salem. A. Scott, prop. 7-6-1f

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Attention.—Cut this out. I dig and clean wells, do jobbing in mason work, buy, sell and handle bees. Address A. F. Holt, 4th street, Riverside Addition, Salem, Ore. 8-14-1w*

Home Made Ice Cream.—Pure stuff, sold at 90c per gallon, or 25c per quart. The best in town. Call at Home Bakery, in Y. M. C. A. building. F. Browning, proprietor. 7-28-1m*

Salem Iron Works.—Founders, machinists and blacksmiths. Manufacturers of all kinds of sawmill machinery. Hop and fruit drying stoves, etc. Manufacturers of the Salem Iron Works Hop Press. 11-29-1m

The Salem Steam Dyeing and Cleaning Works.—Is the place to get your clothes renovated. From a pair of gloves to the most elaborate silk gown. All goods paid for if injured. Phone 1245. 221 Commercial street. Mrs. C. H. Walker, Prop.

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A Snap.—For sale, 400 acres of good land, two miles from railroad station; 275 in cultivation, 175 acres in crop; good house and barn; orchard, etc. Only \$8000, if sold at once. Swegle & Smith, 492 State street. Phone 459.

LODGES.

Foresters of America.—Court Sherwood Foresters, No. 19. Meets Tuesday in Hurst hall, State street. U. S. Rider, C. R.; A. L. Brown, F. S.

Central Lodge No. 18, K. of P.—Castle Hall in Holman block, corner State and Liberty streets. Tuesday of each week at 7:30 p. m. J. G. Graham, C. C.; W. I. Staley, K. of R. and S.

Modern Woodmen of America.—Oregon Cedar Camp No. 5246. Meets every Thursday evening at 8 o'clock in Holman hall. W. W. Hill, V. C.; F. A. Turner, Clerk.

Woodmen of World.—Meet every Friday night at 7:30, in Holman hall. A. J. Basy, C. C. P. L. Frazier, Clerk.

INSURANCE.

Lincoln Annuity Union.—Sick, accident and pension insurance; \$2,000,000 pledged; every claim paid. Good agents wanted. J. H. C. Montgomery, supreme organizer, Box 432 Salem, Oregon. R. R. Ryan, secretary, 546 State street.

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A. L. Frazer.—Successor to Burroughs & Frazer, plumber and tinner. Manufacturer of copper and galvanized iron cornice, and metal skylights, 105 State street. Phone 1511.

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