

Home Course In Modern Agriculture

X.—Some Insect Pests

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Agricultural Division, Iowa State College

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AMONG the enemies which the farmer has to combat perhaps none are more troublesome than insects.

moths appears about the middle of July. It is this brood which does the most damage.

Many poisons, of which paris green is the one most commonly used, are effective in destroying the codling moth.

To make this mixture dissolve five pounds of copper sulphate and five pounds of lime separately in twenty-five gallons of water each.

Three sprays are sufficient for the codling moth. The first should be given immediately after the blossoms fall.

One of the chief insect enemies of the plum and one which also attacks many of the other fruits is the curculionid.



FIG. XX—A SPRAYER AT WORK

ho. The curculionid beetle lays its eggs in the young fruit shortly after it sets.

Other insects which do more or less damage to the corn crop are the stalk borer, wireworm, white grub, bill bug, cutworm, etc.

The damage from nearly all insects affecting corn, small grain or grass can be readily prevented by a good system of rotation.

The insects that have been mentioned so far live by eating the leaves and fruit and in doing so take up the force of the poison to put an end to their destructive work.

To get rid of sucking insects some substance which will kill by coming in contact with them must be used.

A common insect affecting garden crops and one that is hard to handle is the striped cucumber beetle.

chard and garden crops, since these must be grown on the same land year after year. For the insects affecting these crops spraying is the best remedy.

The principal insect that attacks the apple is the codling moth. These insects pass the winter in a ball of silk or cocoon, which they spin around themselves.

These moths lay great numbers of eggs, which hatch into small worms. These worms eat their way into the apple through the blossoms and stem.

Nasal Catarrh quickly yields to treatment by the agreeable, aromatic Ely's Cream Balm.

Announcement. To accommodate those who are partial to the use of atomizers in applying liquids into the nasal passages for catarrhal troubles, the proprietors prepare Cream Balm in liquid form.

Protect the Birds. Boys who persist in shooting at the birds are in danger of the law.

Jones Drug Company Incorporated. Articles of incorporation were filed in the county clerk's office Monday by the Jones Drug Company.

Canby and Southern Clackamas

CANBY.

Mr. Irving Hart, of Manila, lectured here on "The Philippines—Past, Present and Future." A large and attentive audience heard him and all have spoken highly of the lecture.

The W. C. T. U. met last Friday at the home of Mrs. Martin. After the transaction of various items of business, Clark and Mrs. Weber gave a humorous skit entitled, "A Study in Economics."

Mr. and Mrs. Alvin Phelps and their little daughter attended church in Canby last Sunday.

Mrs. F. F. Hanna, Mrs. Wilson, Mrs. King and her son Philip have recently joined the M. E. church.

Mrs. Vesta Clark, who has been visiting relatives in Canby has returned to her home in Roseburg.

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The ball game Sunday played between Canby and Mundorf schools, resulted in a score of 12 to one in favor of Canby.

Mrs. Anna Baker is visiting her mother this week.

Miss Lizzie Zimmerman, of Aurora, visited Mrs. Orva Seaton Saturday.

Cal. Koehler fell from a step ladder Monday onto a harrow, cutting one of his feet quite bad.

Mr. and Mrs. George White, of Anness, Mrs. Robert Iroine, of Pomeroy, Wash., who has been visiting her mother, Mrs. G. W. Kesseler for the past six weeks, returned to her home Friday.

The president of the Rebekah assembly held an interesting meeting Thursday night.

Mrs. Eugene Mitta, of Needy, is visiting relatives in Canby for a few days.

Mrs. Robert Iroine, of Pomeroy, Wash., who has been visiting her mother, Mrs. G. W. Kesseler for the past six weeks, returned to her home Friday.

NEW ERA. Louis Pendleton, of Molalla, visited relatives here this week.

New Era Orioles vs. Mountain Road ball team, played a close game Sunday on the Baker diamond.

Mr. Woodcox, of Oregon City, spent Sunday with his brother, Wallace and family.

Agnes Rief was an Oregon City visitor Tuesday.

The W. C. T. U. pie social Friday night netted \$6.40 to the good after expenses were paid.

Fred Burgoyne left Sunday evening for Boise, Idaho, to resume his duties as fireman.

Elmer Veteto is re-shingling Mrs. Mary F. Hogham's house in Canby, between showers.

Joe Andre and Antone Sevcik, of Portland visited relatives here Sunday.

Next, Critser won the plow that was raffled off by Warner Grange last Saturday.

Mr. Ryeman arrived on Wednesday last week from New Mexico, and is stopping for the present with his brother-in-law, Mr. Peavy.

Mr. Burgoyne went to Canby Tuesday and returned with a wagon load of boiled hay.

C. W. DAMM

Photographer

CANBY, OREGON.

WARNER GRANGE.

Warner Grange held its regular meeting in its hall at New Era Saturday, March 27. There was a large attendance.

At noon the ladies served dinner in the dining hall. The afternoon session was called to order by the master, R. S. Coe.

The following programme was carried out: Song; Grange; address, "Road Legislation for Oregon," Thos. Ryan; reading, "What the little girl said," Miss A. Spulak; essay, "Surrenderings of the Home," Mrs. George Randall; original poem, William Gardner; reading, "The greatest present needs of the country school," Mrs. A. Chinn; song, by Grange.

This poem was composed by William Gardner, in memory of Mr. Geo. Veteto, who was a member of Warner Grange.

Brother Veteto has left us. Never again will we see his face; He has lived the time appointed, And has run his earthly race.

Now his earthly welfare is over, And the Master said "well done, You have gained a glorious victory, And a crown of life have won."

Then let each one here assembled, Every sinful action scorn; And with him we will be exalted, On the resurrection morn.

Good Cough Medicine for Children. The season for coughs and colds is now at hand and too much care cannot be used to protect the children.

A child is much more likely to contract diphtheria or scarlet fever when he has a cold. The quicker you cure his cold the less the risk.

Chamberlain's Cough Remedy is the sole reliance of many mothers, and few of those who have tried it are willing to use any other.

Mrs. F. F. Starcher, of Ripley, West Virginia, says: "I have never used anything other than Chamberlain's Cough Remedy for my children, and it has always given good satisfaction."

This remedy contains no opium or other narcotic and may be given as confidently to the child as to the adult. For sale by Huntley Bros. Company.

Jones Drug Company Incorporated. Articles of incorporation were filed in the county clerk's office Monday by the Jones Drug Company.

Mortimer D. Latourrette and Walter S. Wells. The duration shall be perpetual.

The object and business for which the corporation is formed shall

It Means Money To You to take advantage of the CLOSING OUT SALE of the FAIR STORE, OREGON CITY

This price slaughtering sale is now on and will continue until everything is gone. Price is no object—we want to quit. Immense stock, everything for everybody. Dry goods, furnishings, suits, jackets, skirts, laces, embroideries and trimmings.

ALL DISTRESS FROM STOMACH VANISHES INDIGESTION AND DYSPESIA MISERY ENDS FIVE MINUTES LATER.

Object to Strong Medicines. Many people object to taking the strong medicines usually prescribed by physicians for rheumatism.

SIMPLE MIXTURE SAID TO RELIEVE VICTIMS. Mix this simple, helpful recipe at Home and Try It, Anyway.

NATURE TELLS YOU. As Many An Oregon City Reader Knows Too Well.

FISHERMEN CAPTURED. Water Bailiffs Arrest Gillnetters on Clackamas River.

Geo. C. Rich Estate. Mrs. Nancy Rich, of Boring, has been appointed administratrix of the estate of her husband, George C. Rich.

DON'T WANT REFERENDUM. R. D. Hetzel Says Delay Would Work Great Injury to the College.

Money Comes in Bunches. To A. A. Chisholm, of Treadwell, N. Y., now, his reason is well worth reading.

For Constipation. Mr. L. H. Farnham, a prominent druggist of Spirit Lake, Iowa, says: "Tablets are certainly the best thing on the market for constipation."

Hard Steel Wire. as you find it in the "PEERLESS FENCE" is without question the best material to put into fencing.

FRANK BUSCH Oregon City, Oregon. Oregon City, Oregon