

May Control Plant Lice By Dusting Vegetation

INSECTS CAUSE BIG DAMAGE IN EARLY GARDENS

Stomach Poisons Will Not Suffice Since These Insects Pierce Outer Tissues And Suck Juices From Within.

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Plant lice, or aphids, cause widespread damage to early garden vegetables such as turnips, mustard, radishes, potatoes, melons, cabbage, rutabagas, spinach, cantaloupes, cucumbers and many other vegetables, flowers and fruits.

These pests cannot be controlled by lead arsenate, calcium arsenate, magnesium arsenate or Paris green, or any other stomach poison, since the insects force their sharp beaks through the outside tissue and suck the juices from within. Plant lice must, therefore, be controlled by applying a spray or dust which kills by coming in contact with the body of the insect. They usually collect on the under side of leaves and on stems and shoots.

Often the leaves of a plant are so curled as a result of the attack of plant lice that a spray cannot reach the insects. In this case a dust should be used. A contact insecticide must be used as plant lice suck the juices from within as described above. The effectiveness of a contact control depends upon thoroughness of application.

Nicotine dust is prepared by mixing 40 per cent nicotine sulphate with hydrated lime as follows:

Formula—40 per cent nicotine sulphate, 3 pints; Hydrate lime 50 pounds.

For smaller amounts use the same proportions in smaller quantities.

Put the lime in a barrel. Pour on top of the lime the nicotine sulphate.

Place a few bricks and rocks in the barrel.

Place a cover over the barrel and roll or shake the barrel for five minutes.

Pour the powdered dust into a box

through a screen which catches the bricks or rocks.

Do not allow the nicotine-lime dust to stand more than 48 hours before use.

A flour sifter may be used for preparing small quantities of nicotine dust.

For full grown truck crops use nicotine dust at the rate of 35 to 40 pounds per acre. In treatment of small areas use about 1 pound of dust to a 25 foot row. Very small plants will require only half this amount per acre.

Use nicotine dust when the temperature is above 70 degrees F., when the plants are dry and when the air is calm. Good spray formulas are as follows: Small amounts: 40 per cent Nicotine sulphate, 1 teaspoonful; soap, 1 inch cube; water, 1 gallon.

Large amounts: 40 per cent Nicotine sulphate, 3-8 pint or 6 fluid ounces; soap, 4 pounds; water, 50 gallons.

The soap should first be dissolved in a small quantity of hot water, then water added to make the regular amount of spray, then the nicotine sulphate is added. The plant lice must be wetted by the spray. Use enough spray for thorough application.

When plant lice are found, do not wait to see if they are going to increase. Make application as soon as possible.

Hand guns for dusting and small air pressure sprayers for spraying are suitable. Large machines can be used on big acreage.

Additional applications should be made if the plant lice again become numerous.



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Hens, alive, pound	18c
Hens, dressed, pound	25c
Cured ham, pound	30c
Side meat, pound	15c
Shoulder, pound	15c
Sausage, pound	20c
Pork ribs, pound	15c
Pudding mush, pound	10c
Pudding meat, pound	15c
Corn meal, pound	5c
Dry beans, quart	10c and 15c
Butter beans, quart	15c
Cabbage, pound	5c
Carrots, bunch	10c
Collards, bunch	7 1-2c
Mustard greens, pound	5c
Dry onions, pound	5c
Irish potatoes, pound	2 1-2c
Sweet potatoes, pound	2 1-2c
Spinach, pound	7 1-2c
Turnip greens, pound	5c
Green onions, bunch	5c and 10c
Peanuts, quart	5c
Vinegar, gallon	35c
Field peas, quart	10c
Hore radish, quart	40c
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Woman Rescues Dogs In Quarry

St. Louis—"It had to be done and was part of the day's work."

In this manner Mrs. Erna Markler, manager of the St. Louis County Humane Society, described her perilous rescue of two dogs from an old quarry after they had fallen 100 feet into the water.

Despite the danger of the rescue, Mrs. Markler, who weighs 83 pounds and is about 40 years old, climbed out on rocky ledges partly in the water and lassoed the dogs, bringing them to safety.

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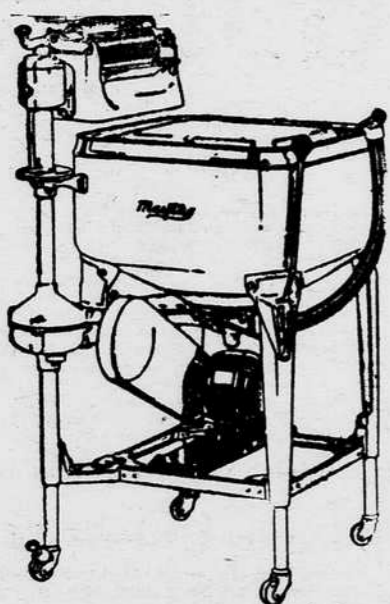
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