

PERSONALS




Dr. W. S. Blatchley left his winter home at Dunedin for Indianapolis early in April.

Professor T. H. Hubbell expects to spend the summer in the Museum of the University of Michigan.

The energetic secretary of our society will be married in June.

KALO

NON-ARSENICAL INSECTICIDES

KALITE. The quick killing dust ready to use for most chewing insects, such as beetles and worms. Contains a special prepared fluosilicate which gives high insect toxicity, exceptional plant tolerance, great covering and adhesive qualities. Economical to use.

KAOLITH. A fluorine spray, especially valuable for fruits, such as apples and peaches. Recommended in Florida for celery and tomatoes. A companion spray to Kalite dust. (Note. Neither Kalite or Kaolith contains arsenic, lead or copper. No arsenical residue)

KALOIL. A self spreading, free flowing pyrethrum contact spray. Needs no soap. Special oxidized sulphonated oil spreader and activator, increases efficiency and lowers cost. Gives results in Florida when nicotine can not be used.

It will pay you to investigate. Ask the State Entomologists.

THE KALO COMPANY, Quincy, Illinois

Printing for All Purposes

Carefully Executed

Delivered on Time

Pepper Printing Company

Gainesville, Florida

We recommend the goods advertised in The Florida Entomologist. Please mention Entomologist when you write our advertisers.

RED ARROW INSECT SPRAY

(A Pyrethrum Product)

NON-POISONOUS

DEATH TO INSECTS

WILL KILL

Mexican Bean Beetle, Bean Leaf Roller, Leaf Hoppers, Ants, Aphis, Fern Caterpillar and many other insects.

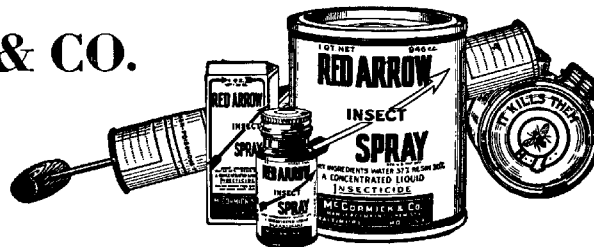
Will Not—STAIN, DISCOLOR, nor BURN

HARMLESS TO MAN, PETS OR BIRDS

PACKED in 1 oz. Bottles, ½ pt. Tins, 1 qt. Tins, 1 gal. Tins

McCORMICK & CO.

Manufacturing Chemists
BALTIMORE, MD., U.S.A.



The New Spray for Aphis



No Odor
Non Poisonous
Pleasant to Use
Does Not Require Soap
Mixes with Other Sprays
Can be used with Hard or Soft Water

Costs Less than others

Made Only by

WILLIAM COOPER & NEPHEWS
CHICAGO

PENETROL

AN ACTIVATOR FOR

Nicotine Spraying Solutions

Saves up to three-fourths of the nicotine usually required.

Does away with the use of soaps or other spreaders.

Has the following advantages over soaps:

Standardized and uniform

Free-flowing liquid

Mixes readily with hard water

Can be combined with Lead Arsenate

Can be used with Bordeaux Mixture

No heating water for dissolving soap

No insoluble calcium soaps to clog the spray nozzle

NICOTROL

The correct combination of nicotine and Penetrol in one container.

A better control of aphids

At a lower cost of spray

KAY LABORATORIES, Inc.

578 Madison Avenue, New York, N. Y.

District Manager for Florida

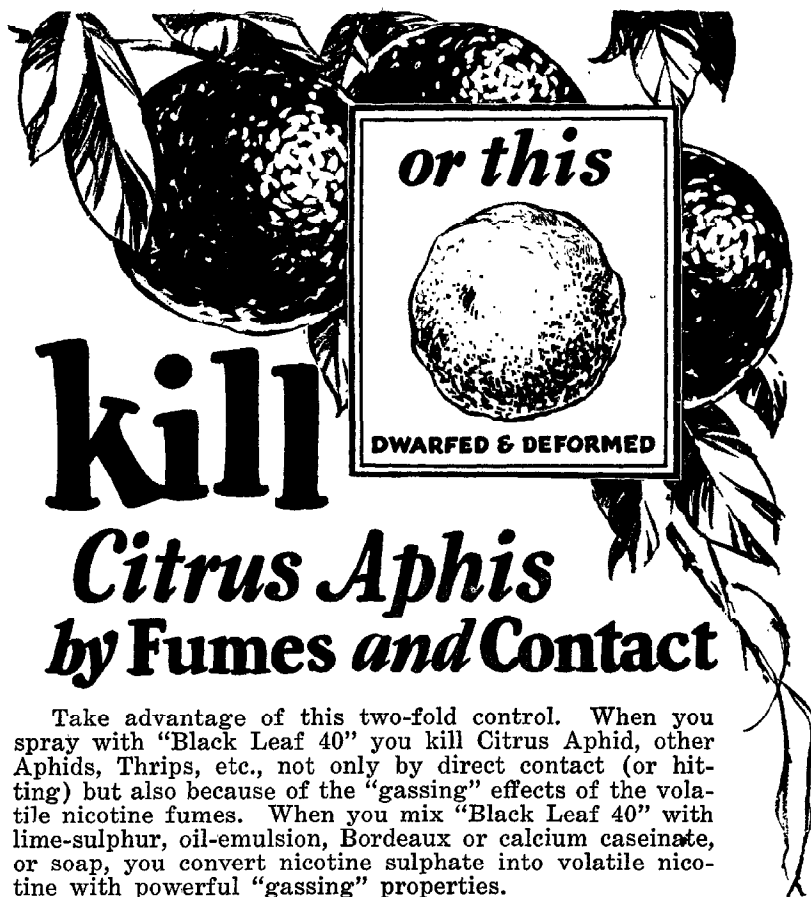
R. D. WHITMARSH

DeLand, Florida

Phone: DeLand 2404

USE
"BLACK LEAF 40"

It Gives You Extra Insurance
Against Aphis.



kill
Citrus Aphis
by Fumes and Contact

Take advantage of this two-fold control. When you spray with "Black Leaf 40" you kill Citrus Aphid, other Aphids, Thrips, etc., not only by direct contact (or hitting) but also because of the "gassing" effects of the volatile nicotine fumes. When you mix "Black Leaf 40" with lime-sulphur, oil-emulsion, Bordeaux or calcium caseinate, or soap, you convert nicotine sulphate into volatile nicotine with powerful "gassing" properties.

Likewise, when you dust with Nicotine Dust, insects are killed by actual contact of the dust with their bodies and also by the powerful nicotine gas.

"ASK YOUR EXPERIMENT STATION"

TOBACCO BY-PRODUCTS & CHEMICAL CORP.

LOUISVILLE, KENTUCKY
 (Incorporated)



"Black Leaf 40"
 40% Nicotine

Does Money Mean Anything to You?

PRESENT AVERAGE COST OF APHID SPRAYING—

| | |
|--|--------|
| 100 gallons water; $\frac{3}{4}$ pt. Black Leaf 40 at | \$1.08 |
| 6 lbs. Fish Oil Soap..... | .60 |
| | <hr/> |
| Per 100 gallons..... | \$1.68 |

NEW ECONOMICAL METHOD—

| | |
|---|--------|
| 100 gallons water; So-Fyne Liquid Spreader, Sodium Oleate; $\frac{1}{3}$ pt. Black Leaf 40..... | \$0.46 |
| 2 qts. So-Fyne | .41 |
| | <hr/> |
| Per 100 gallons | \$0.87 |

You Save 50% by Using SO-FYNE

If your local dealer cannot supply you
write direct

Adalink Chemical Company

290 Passaic Street :- Newark, N. J.