

# **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

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## **NICOTROL**

The correct combination of nicotine and Penetrol in one container.

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**A better control of aphids**

**At a lower cost of spray**

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**KAY LABORATORIES, Inc.**

**578 Madison Avenue, New York, N. Y.**

District Manager for Florida

**R. D. WHITMARSH**

DeLand, Florida

Phone: DeLand 2404

## 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.



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## 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

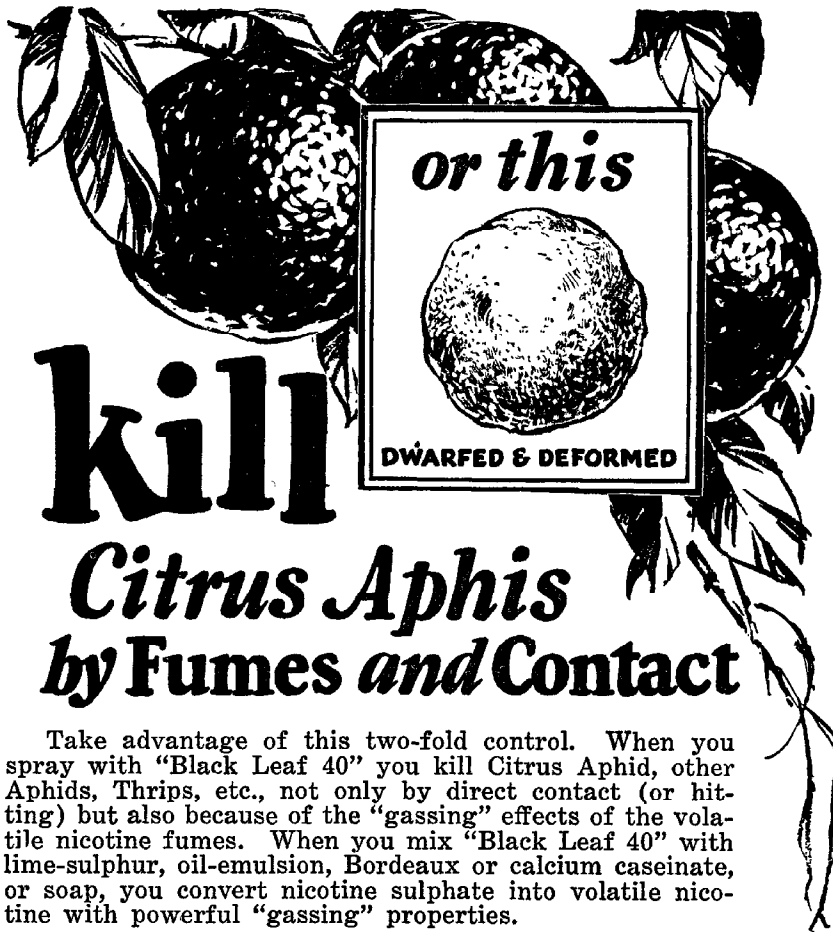
*Costs less than others*

Made Only by

**WILLIAM COOPER & NEPHEWS**  
CHICAGO

**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**

**Kills**  
**Aphis**