

**DANGER  POISON**

◀ TOBACCO continued from left panel

**Soil Treatment**

"Vydate" L may be applied to the soil as a band treatment or it may be broadcast, disced and bedded. For best results, the tobacco should be transplanted within 24 hours after soil treatment; however, if the transplant water treatment is used, tobacco may be transplanted within one week after the soil treatment.

**Row Treatment**

**Nematodes**—Apply 1 to 3 gals. of "Vydate" L in an 18 to 24 inch band in a minimum of 20 gals. of water per acre of tobacco (12,000 row feet). Use the lower rates for lower infestations, the higher rates and wider band for severe infestations. Thoroughly incorporate with a rotary tiller to a depth of 4 to 6 inches.

**Flea Beetles**—Apply 2 to 3 gals. per acre as described above.

**Broadcast and Bed Treatment**

**Nematodes**—apply a broadcast spray of 1-3 gals. per acre in a minimum of 40 gals. of water. Use lower rates for lower infestations and the higher rates for severe infestations. Incorporate thoroughly to a depth of 4 to 6 inches and bed the field in such a manner that only treated soil is used to form the beds.

**Flea Beetles**—Apply 2 to 3 gals. per acre as described above.

**Transplant Water Treatment**

Apply "Vydate" L at the following recommended rates in the transplant water depending on the number of plants per acre. Use a minimum of 100 gals. of transplant water per acre.

Plants/Acre	Rate in Pints/Acre	Rate in Fl. Oz./Acre
9000	2	32
7900	1-3/4	28
6800	1-1/2	24
5600	1-1/4	20

For small quantities mix 1 tablespoonful "Vydate" L per 10 gals. of water using 1/2 pint of solution/plant

**Foliar Treatment**

Make 2 foliar applications of 4 pints "Vydate" L per acre of tobacco. Include a spreader sticker. Apply a directed spray in 20 gals. of water 2 weeks after transplanting. Apply a second directed spray in 20 to 40 gals. of water (depending on plant size) 4 to 5 weeks after transplanting.

For best results, use 3 spray nozzles positioned over and to each side of the row so that the entire plant is covered with spray.

**NOTICE TO BUYER**—Purchase of this material does not confer any rights under patents of countries outside of the United States.

B-21473 PS 5-78

Made in U.S.A.

Printed in U.S.A.



**Vydate® L**

**INSECTICIDE/NEMATOCIDE**

**Water Soluble Liquid**

1 GALLON CONTAINS 2 LBS. OXAMYL

**ACTIVE INGREDIENT:** Oxamyl

Methyl N,N'-dimethyl-N-[(methylcarbamoyl)oxy]-1-thioxamimidate ... 24%

**INERT INGREDIENTS** ... 76%

U.S. Pats. 3,530,220 & 3,658,870

EPA Est. 352 WV-1

EPA Reg. No. 352 372-AA

Keep out of reach of children

**DANGER  POISON**

See Antidote in Right Panel ▶

**MAY BE FATAL OR CAUSE BLINDENESS IF SWALLOWED.  
MAY BE FATAL IF ABSORBED THROUGH SKIN OR INHALED.**

**FLAMMABLE. CONTAINS METHANOL.**

Do not breathe vapors or spray mist.

Keep container closed.

Do not get in eyes, on skin, on clothing.

Use with adequate ventilation.

Keep away from heat, sparks, and open flame.

In case of contact, wash skin with plenty of soap and water; for eyes, flush with water for 15 minutes and get medical attention; remove and wash contaminated clothing before re-use.

**1 U.S. GALLON**

DO NOT SUBJECT TO TEMPERATURES BELOW 32°F

**E. I. du Pont de Nemours & Co. (Inc.)**

BIOCHEMICALS DEPARTMENT, WILMINGTON, DELAWARE

352-372

6-22-78

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## **DANGER** **POISON**

### **ANTIDOTE AND FIRST AID**

**ATROPINE IS AN ANTIDOTE—CONSULT PHYSICIAN FOR EMERGENCY SUPPLY OF 1/100 GRAIN ATROPINE TABLETS. CALL A PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED POISONING.**

If **swallowed**, drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

If **inhaled**, remove from exposure. Have patient lie down and keep quiet. If patient is not breathing, start artificial respiration immediately. **Never give anything by mouth to an unconscious person.**

If **warning symptoms appear** (see Warning Symptoms below), before physician arrives, immediately swallow two atropine tablets (each 1/100 gr.); thereafter, every 10 to 15 minutes, take one atropine tablet (1/100 gr.) until throat becomes dry and skin becomes dry and flushed. Take additional tablets as necessary to maintain a moderately dry throat and dry, flushed skin until physician arrives.

### **NOTE TO PHYSICIAN**

**WARNING SYMPTOMS** — Oxamyl poisoning produces effects associated with anticholinesterase activity which may include weakness, blurred vision, headache, nausea, abdominal cramps, discomfort in the chest, constriction of pupils, sweating, slow pulse, muscle tremors.

**TREATMENT** — Atropine sulfate should be used for treatment. Administer repeated doses, 1.2 to 2.0 mg intravenously every 10 to 30 minutes until full atropinization is achieved. Maintain atropinization until the patient recovers. Artificial respiration or oxygen may be necessary. Allow no further exposure to any cholinesterase inhibitor until recovery is assured.

Do not use morphine or 2-PAM. However, for exposure to "Vydate" L and organophosphorous insecticides, 2-PAM may be used as required to supplement the atropine sulfate treatment as described above.

**IMPORTANT** — When mixing spray, loading, applying or otherwise handling, wear protective clothing, goggles, and a mask or respirator suitable for protection against oxamyl vapors or spray mist such as: Willson Products "Agri-Tox" R-533 Felt 11 P Cartridge or Mine Safety Appliances type H "Combo". Wear clean clothes daily. Wash thoroughly after handling, and before eating or smoking. Do not contaminate or store near feed or foodstuffs. Not for use or storage in or around the home. Keep animals and unprotected persons out of operational areas during treatment and while there is danger of drift. Do not re-use container, busy when empty.

This product is toxic to fish, birds and other wildlife. Keep out of any body of water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product is toxic to bees and should not be applied when bees are actively visiting the area.

## **DANGER** **POISON**

◀ See Antidote in Left Panel

### **NOTICE OF WARRANTY**

Du Pont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Du Pont. In no case shall Du Pont be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. DU PONT MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

### **DIRECTIONS**

Du Pont "Vydate" L Insecticide/Nematicide should be used only in accordance with recommendations on this label or in separate Du Pont recommendations available through local dealers.

"Vydate" L is a water soluble liquid to be diluted with water for application. Use only in commercial and farm plantings; do not use in home plantings.

**Spray Preparation**—Fill spray tank 1/4 to 1/2 full of water. Add "Vydate" L directly to tank. Mix thoroughly while adding remaining water. No further agitation is necessary.

### **APPLES**

"Vydate" L is recommended for use on nursery stock and non-bearing trees to control European red mite and two-spotted spider mite.

**Established Populations of Mites:** Apply 1 to 2 pints "Vydate" L per 100 gals. as needed.

**Low Populations (Preventive Control):** Apply 1/4 to 1/2 pint "Vydate" L per 100 gals. before mites reach damaging numbers and continue at 2-week intervals.

Apply "Vydate" L in sufficient water to obtain thorough coverage (run-off and no more than 400 gals./per acre). For concentrate sprayers, use proportionately less.

**Note:** Do not use on trees that will bear fruit within 12 months after application.

### **CELERY (Florida)**

"Vydate" L is recommended for use on celery to control serpentine leafminers. Apply 2 to 4 pints "Vydate" L per acre as a foliar spray using sufficient water (minimum 100 gallons) to obtain uniform coverage. Treat when insect first appears and repeat at 5- to 7-day intervals or as needed. Use the low rates for light infestations, the intermediate rates for heavier infestations and the highest rates for severe infestations. Do not apply within 14 days of harvest.

### **ORNAMENTALS, NURSERY STOCK, NON-BEARING FRUIT TREES**

"Vydate" L is recommended for use on the following ornamentals, nursery stock and non-bearing fruit trees for control of root knot, sting, lesion and burrowing nematodes.

Use the lower rates for light infestations of nematodes and the higher rates for severe infestations.

Apple*	Citrus*	Hoya	Philodendron
Azalea	Croton	Leatherleaf Fern	Rose
Brd's Nest Fern	Dieffenbachia Picta	Maranta	Sanseveria
Boxwood	Dracaena	Peach*	Snagdragon
Cherry*	Gardenia	Pear*	Strawberry
Chrysanthemum	Gladiolus	Peony	(Nurseries)*

\*Non-bearing trees and strawberries that will not bear fruit within 12 months after application.

"Vydate" L may be used as a pretransplant soil treatment, as a drench or as a root, corm or bulb dip. It may also be used as a foliar treatment alone or as a supplement to the above "Vydate" L treatments or "Vydate" G or other nematicide treatments. When transplanting, plants should be set into soil within 24 hours after application.

**Preplant Soil Incorporation Treatment** — Apply 3 to 4 gals. "Vydate" L in a minimum of 20 gals. of water per acre. Thoroughly incorporate with a rotary tiller to a depth of 4 to 8 inches immediately after application. If applied in a band, use proportionately less material.

**Soil Mix Treatment** — Mix 2-3/4 fl. ozs. of "Vydate" L in 10 gals. of water. Spray 2-1/2 to 3-1/3 gals. of the dilute mix on to 1 cubic yard of soil while tumbling in a soil mixer (use 1 to 1-1/3 pts. for 1 bushel of soil).

**Foliar Treatment** — As a foliar treatment, mix 2 to 4 pts. "Vydate" L per 100 gals. of water and apply as a dilute spray, not to exceed 8 pts. per acre. Apply on a 2 to 3 week schedule for 4 applications. Apply first spray at first full leaf for when plant is in active growth phase. Do not apply to plants under water stress or to plants not actively growing. Include a spreader sticker.

**Liquid Drench**—Mix 1 pint of "Vydate" L in 100 gals. of water (1-1/2 tablespoons/5 gals.). Apply drenches at a rate of 4 to 8 ozs. per 6 inch pot or 2 to 4 ozs. per 4 inch pot.

**Root, Corm, or Bulb Dip**—Mix 2 to 4 pints of "Vydate" L in 100 gals. of water (3 to 6 tablespoons/5 gals.). Place plant material in solution for 1 to 30 minutes. Use the higher rate and longer soaking time for more severe nematode infestation.

### **TOBACCO**

"Vydate" L is recommended for use in tobacco for early season control of root knot and lesion nematodes and flea beetles. Measure "Vydate" L accurately as over application may cause stunting of tobacco.

"Vydate" L may be used:

- As a preplant soil incorporation treatment.
- Alone as a transplant water treatment for 2 to 4 weeks of nematode and flea beetle control.
- As a transplant water treatment following "Vydate" L, "Vydate" G, or other contact nematicides, preplant fumigants or multipurpose fumigants and standard flea beetle treatments.
- As a foliar treatment to extend early season nematode and flea beetle control following the use of "Vydate" L in transplant water or the soil use of "Vydate" L, "Vydate" G, or other contact nematicides, preplant fumigants or multipurpose fumigants and standard flea beetle treatments.

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