

CAUTION! READ THIS DFU (DIRECTIONS FOR USE) BEFORE USING THIS PRODUCT AND SEEK FOR PROFESSIONAL HELP FROM A CROP PROTECTION SPECIALIST

Vydate® L

INSECTICIDE, NEMATOCIDE - CARBAMATE OXAMYL



TOXIC

**ANTIDOTE: ATROPINE SULPHATE
DENSITY: 0.975 g/ml to 20°C**

THIS PRODUCT CAN BE FATAL IF SWALLOWED OR INHALED, CAN CAUSE DAMAGE TO EYES AND SKIN FROM EXPOSURE

AERIAL APPLICATION NOT ALLOWED

DO NOT STORE IN RESIDENTIAL AREAS, KEEP AWAY FROM CHILDREN, OR MENTALLY ILL PERSONS, DOMESTIC ANIMALS, FOOD, FEED OR MEDICINES



AGRONOMIC USE:

MODE OF ACTION: VYDATE® L, is a systemic, nematocidal insecticide of contact for use in agriculture, when it is applied to the soil and the foliage for the control of nematodes and insect. Acts by contact; with moderate residual effect, non volatile.

APPLICATION EQUIPMENT: VYDATE® L, may be applied with "Spot-Gun" using nozzles of solid cone when used in banana. The personnel that handles the product must use protection equipment: Rubber boots, chemical resistant apron, glasses, rubber gloves respirator, dosage and application equipment. Calibrates the application equipment only with water initially, verify that the same is functioning correctly without leaks. This product is not corrosive or flammable.



MIX PREPARATION: VYDATE® L, diluted with water before application. The quantity of water must be according to the application area or the volume of water to prepare the mix. Fill the mix tank with water to the half, start shaking and empty the required quantity of product. Continue shaking. Complete the tank with water. The mix of VYDATE® L and water form a solution that must be applied as aspersion. Make sure to count always with auxiliary equipment as buckets, brush, dosage equipment, and other that help in the preparation and application of the product. Every time you fill the aspersion tank remember to shake will the mix.



RECOMMENDATION FOR USE: VYDATE® L, is an insecticide-nematocides belonging to the group of carbamates, it can be used as treatment to the soil before sowing or for small surfaces. Treatment for the immersion of bulbs, stems and roots. It can also be used in foliar application, alone or as complement of soil treatment. To apply VYDATE® L there must be humidity conditions to assure the mobility of the product on the soil and in the growing areas of roots. The rotation with nematocides of different chemical group is recommended.

VYDATE® L, is recommended to be used in:

CROP	PEST	TREATMENT AND DOSES	INTERVAL BETWEEN LAST APPLICATION AND HARVEST
Coffe <i>Coffea arabica</i>	Nematodes <i>Meloidogyne</i> sp. <i>Pratylenchus</i> sp.	Foliar from 2 to 5 lt/ha 0,22 to 0,61 gal/acre	Without restriction.
Citrics <i>Citrus</i> spp.	Thrips <i>Scirtothrips citri</i>	Foliar from 2 to 5 lt/ha 0,22 to 0,61 gal/acre	7 days
Vegetables Celery <i>Apium graveolens</i> Onion <i>Allium cepa</i> Lettuce <i>Lactuca sativa</i> Melon <i>Cucumis melo</i> Cucumber <i>Cucumis sativus</i> Tomato <i>Lycopersicum esculentum</i>	Nematodes <i>Heterodera</i> sp. <i>Meloidogyne</i> sp. <i>Pratylenchus</i> sp. Green peach aphid <i>Myzus persicae</i> Silverleaf whitefly <i>Bemisia tabaci</i> Thrips <i>Thrips</i> sp. Leaf miner <i>Liriomyza</i> sp.	Foliar from 2 to 5 lt/ha 0,22 to 0,61 gal/acre In seed plot and transplant: Foliar application from 2 to 5 lt/ha, 0,22 to 0,61 gal/acre	7 days 21 days 14 days 1 day 1 day 3 days
Banana, plantains <i>Musa</i> sp.	Nematodes <i>Radopholus</i> sp. <i>Helicotylenchus</i> sp. Banana weevil <i>Cosmopolites sordidus</i>	Immersion of Rhizome in 0,5 lt. immerse the base 20 minutes. Direct application of 7,5 to 10 ml/plant, directed to the base of the stem in frequency of 3-4 times a year	1 day
Tobacco <i>Nicotiana tabacum</i>	Nematodes <i>Meloidogyne</i> spp. <i>Pratylenchus</i> spp. Pests of foliage and nematodes Silverleaf whitefly <i>Bemisia tabaci</i> <i>Trialeurodes</i> spp. Aphid <i>Myzus persicae</i> Thrips <i>Thrips</i> spp. others sucking insects.	Seed plot: Soil treatment, 1 lt/200 lts of water, wet well the soil. Definitive field: 3 - 4 lt/ha, 0,30 - 0,45 gal/acre, application to the soil in sowing furrow after transplant. Seed plot: 1,5-3 lt/ha, 0,15-0,22 gal/acre. Definitive field: 1,5-3 lt/ha, 0,15-0,30 gal/acre, Foliar application at 2, 4 y 6 weeks after transplant.	Without restriction.
Pineapple <i>Anana comosus</i>	Nematodes: <i>Meloidogyne</i> spp. <i>Pratylenchus</i> spp. <i>Rorylenchulus reniformis</i> Insects: Pineapple mealybug <i>Dysmicoccus brevipes</i>	Pre-plantation treatment: 8-12 lt/ha (1 gal/acre) Total application to soil in a week before transplant. Foliar application: 2-6 lt/ha (1/2 to 1 gal/acre) Application interval of 4 weeks.	30 days

APPLICATION INTERVAL: It can be used at sowing and after, every 3 to 6 months depending on the incidence of nematodes. Do not apply more than 4 times per year.

INTERVAL AND APPLICATION SEASON: Use when the first signs of pest attack are shown. Apply from 7 to 14 days, according to the presence of the pest, to complete 4 applications.

INTERVAL BETWEEN LAST APPLICATION AND HARVEST: Depends on the crop. See table of intervals according to crop.

RE-ENTRY TO TREATED AREA INTERVAL: The entrance to treated areas with VYDATE® L is permitted after 24 hours.

PHYTOTOXICITY: VYDATE® L, is not phytotoxic at the rates recommended in this pamphlet.

COMPATIBILITY: VYDATE® L, is compatible with most insecticides and fungicides currently in use. Must not be mixed with products of alkali reaction. Do not apply if the plant is in stress period due to low temperatures, dryness or water excess.

PRECAUTION AND USE WARNING:

STORAGE AND TRANSPORT: Store away from children. Store and transport the product in dried and well ventilated places, away from food, foliage, medicine. Store the product in its original container, closed tightly, labeled and apart from herbicides.

DO NOT STORE THIS PRODUCT IN RESIDENTIAL AREAS. KEEP AWAY FROM THE REACH OF CHILDREN.



DO NOT EAT, SMOKE OR DRINK DURING THE HANDLING AND SPRAYING OF THIS PRODUCT BATH AFTER APPLICATION AND CHANGE INTO CLEAN CLOTHES



INTOXICATION SYMPTOMS: The following symptoms are shown: cholinesterase inhibition, weakness, blurred vision, headache, nausea, abdominal cramp, constriction of pupils, sweat, slow pulse, and muscular tremors.

FIRST AID:

INGESTION: Induce vomiting by giving plenty of warm water with salt.
INHALATION: Remove affected person to a ventilated area.

EYE CONTACT: Rinse with clean water for at least 15 minutes minimum.

SKIN CONTACT: Rinse the affected area with plenty of water and soap.

DO NOT GIVE TO DRINK ANY LIQUID OR INDUCE VOMITING TO AN UNCONSCIOUS PERSON.

ANTIDOTE AND MEDICAL TREATMENT: Provide repeated doses of Atropine Sulphate, the doses must be of 1.2 to 2.0 mg every 10 minutes until a total of atropinization is achieved. If it is necessary give artificial breathing or oxygen, do not used 2-PAM or morphine.

NATIONAL POISONING CENTERS: 1-888-764-7667 for emergency medical treatment information.

ENVIROMENTAL HAZARDS:

THIS PRODUCT IS TOXIC TO AQUATIC ORGANISMS (FISH AND INVERTEBRATES) AND EXTREMELY TOXIC TO BIRDS.



HIGHLY TOXIC TO BEES EXPOSED TO DIRECT TREATMENT OR RESIDUES. DO NOT APPLY TO WATER, OR TO AREAS WHERE SURFACE WATER IS PRESENT.



DO NOT CONTAMINATE WATER WHEN CLEANING EQUIPMENT OR DISPOSING OF WASTE WATER AND USED PACKAGES.

HANDLING OF CONTAINERS, PACKAGING, WASTE AND REMNANTS: Empty containers should be triple rinsed and returned to the local supplier for proper disposal.



THE USE OF THE CONTAINERS AND PACKAGES IN A DIFFERENT WAY FOR WHICH THEY ARE DESIGNED, MAY POSE A THREAT TO HUMAN HEALTH AND ENVIRONMENT

WARRANTY WARNING: The manufacturer of this product certifies that the content of this package is the same as declared in the label. Not having control over spraying, metering and other factors related to its use, the manufacturer is not responsible for the results that may be obtained as consequence of misuse of this product.

MANUFACTURER BLENDER:

DISTRIBUTED BY:



E.I. DU PONT DE NEMOURS AND COMPANY
CROP PROTECTION
WILMINGTON, DELAWARE, 19898, U.S.A.
TELEFAX: (800) 441-7515