352-372

3/22/2002

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DUPONT®

DuPont™ Vydate® L

insecticide/nematicide

DRAFT LABEL

®

"..... A Growing Partnership With Nature"

2/14

RESTRICTED USE PESTICIDE

Due to Acute Toxicity And Toxicity to Birds and Mammals.

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

DUPONT®

DuPont™ Vydate® L

insecticide/nematicide

Water Soluble Liquid

1 GALLON CONTAINS 2 LBS. ACTIVE INGREDIENT

Active Ingredient	*By Weight*
Oxamyl [Methyl N'N'-dimethyl-N-[(methyl carbamoyl)oxy]-1-thiooxamimidate]	24%
Inert Ingredients	76%
TOTAL	100%

Contains Methanol

EPA Reg. No. 352-372

KEEP OUT OF REACH OF CHILDREN

DANGER **POISON**

PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

FIRST AID

Contains an N-methyl carbamate that inhibits cholinesterase.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

ATROPINE IS AN ANTIDOTE – SEEK MEDICAL ATTENTION AT ONCE IN ALL CASES OF SUSPECTED POISONING

If warning symptoms appear (see WARNING SYMPTOMS), get medical attention.

FIRST AID (cont'd)

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-441-3637 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER-POISON! CONTAINS METHANOL. MAY BE FATAL OR CAUSE BLINDNESS IF SWALLOWED. MAY BE FATAL IF ABSORBED THROUGH SKIN OR INHALED.

Do not breathe vapors or spray mist. Do not get in eyes, on skin, or on clothing. Pilot should not assist in the mixing and loading operation.

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.

NOTE TO PHYSICIAN

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 2-PAM for exposure to VYDATE® L alone. However, for exposure to combinations of VYDATE® L and organophosphorous insecticides, 2-PAM may be used as required to supplement the atropine sulfate treatment. Do not use morphine.

For medical emergencies involving this product, call toll-free 1-800-441-3637.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

Coveralls over short-sleeved shirt and short pants.
Chemical-resistant gloves, such as barrier laminate or butyl rubber or neoprene rubber or polyvinyl chloride (PVC) or viton or nitrile rubber.
Chemical-resistant footwear plus socks.
Protective eyewear.
Chemical-resistant headgear for overhead exposure.
Chemical-resistant apron when cleaning equipment, mixing or loading.
A respirator with an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix (TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE prefilter.

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

3/14

PRECAUTIONARY STATEMENTS (cont'd)

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

ENGINEERING CONTROL STATEMENTS

Human flaggers must be in enclosed cabs.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR part 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

The enclosed cabs must be used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR part 170.240 (d)(4-6)]. The handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

USERS SHOULD: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic organisms(fish and invertebrates) and extremely toxic to birds. Cover or disc spill areas. Birds in treated areas may be killed. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow to drift to blooming crops or weeds if bees are visiting the treatment area.

GROUND WATER ADVISORY--Residues of DuPont™ VYDATE® L can seep or leach through soil and can contaminate ground water which may be used for drinking. Users are advised not to apply VYDATE® L where the water table is close to the surface and where soils are very permeable, i.e., well-drained soils such as loamy sands. Local agricultural Agencies can provide information on the soil type in your area and the location of the ground water.

PHYSICAL AND CHEMICAL HAZARDS

Flammable. Keep away from heat, sparks, and open flame. Keep container closed. Use with adequate ventilation.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment(PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

Coveralls over short-sleeved shirt and short pants.
Chemical-resistant gloves, such as barrier laminate or butyl rubber or neoprene rubber or polyvinyl chloride (PVC) or viton or nitrile rubber.
Chemical-resistant footwear plus socks.
Protective eyewear.
Chemical-resistant headgear for overhead exposure.

DuPont™ VYDATE® L insecticide/nematicide should be used only in accordance with recommendations on this label or in separate DuPont recommendations available through local dealers.

DuPont will not be responsible for losses or damages resulting from use of this product in any manner not specifically recommended by DuPont. User assumes all risks associated with such non-recommended use.

GENERAL INFORMATION

VYDATE® L is a water- soluble liquid that can be applied as a foliar or soil-directed spray to control many important insects, mites, and nematodes. VYDATE® L is diluted with water for application.

Use only in commercial and farm plantings. Not for use in home plantings. Not for use during any period after a commercial crop site is opened for public entry as a "U-Pick", "Pick Your Own" or similar operation; in no case shall preharvest applications be made after first public entry. The restricted entry interval stated elsewhere on this label must be followed.

Do not formulate this product into other End-use products without written permission.

Do not plant crops other than those with registered VYDATE® L uses within 4 months after the last application.

Do not use in Suffolk and Nassau Counties, Long Island, New York.

INTEGRATED PEST MANAGEMENT

This product should be used as part of an Integrated Pest Management (IPM) program which can include biological, cultural, and genetic practices aimed at preventing economic pest damage. Application of this product should be based on IPM principles and practices including field scouting or other detection methods, correct target pest identification, population monitoring, and treating when target pest populations reach locally determined action thresholds. Consult your state cooperative extension service, professional consultants or other qualified authorities to determine appropriate action threshold levels for treating specific pest/crop systems in your area.

RESISTANCE

Some insects are known to develop resistance to products used repeatedly for control. When this occurs, the recommended dosages fail to suppress the pest population below the economic threshold. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. These strategies may include incorporation of cultural and biological control practices, alternation of active classes of insecticides on succeeding generations and targeting the most susceptible life stage. Consult your local agricultural authorities for details.

COMPATIBILITY

Since formulations may be changed and new ones introduced, it is recommended that users premix a small quantity of a desired tank mix and observe for possible adverse changes(settling out, flocculation, etc.). Avoid mixtures of several materials and very concentrated spray mixtures.

Do not use DuPont™ VYDATE® L with bordeaux mixture, lime sulfur, spray oils nor in highly alkaline mixtures. Use mildly alkaline mixtures immediately after mixing to prevent loss of insecticidal activity.

SPRAY PREPARATION

Spray equipment must be clean and free of previous pesticide deposits before applying VYDATE® L .

Fill spray tank with water 1/4 - to 1/2- full. Add VYDATE® L directly to the tank. Mix thoroughly while adding remaining water. Do not store the spray mix in a spray tank overnight.

SPRAY TANK CLEANOUT

Immediately following application of VYDATE® L , thoroughly clean all mixing and spray equipment. Flush the tank, pump, hoses and boom with several changes of water after removing nozzle tips and screens(clean these parts separately). Take all necessary safety precautions when cleaning equipment. Do not clean near wells, water sources or desirable vegetation. Dispose of waste rinse water in accordance with local regulations.

SPRAY DRIFT MANAGEMENT

The interaction of many equipment and weather - related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making application decisions.

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

IMPORTANCE OF DROPLET SIZE

The most effective way to reduce drift potential is to apply large droplets(>150- 200 microns). The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. The presence of sensitive species nearby, the environmental conditions, and pest pressure may effect how an applicator balances drift control and coverage. APPLYING LARGER DROPLETS REDUCES DRIFT POTENTIAL, BUT WILL NOT PREVENT DRIFT IF APPLICATIONS ARE MADE IMPROPERLY OR UNDER UNFAVORABLE ENVIRONMENTAL CONDITIONS! See Wind, Temperature and Humidity, and Temperature Inversions sections of this label.

CONTROLLING DROPLET SIZE -GENERAL TECHNIQUES

Volume - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.

Pressure - Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE.

Nozzle Type - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles.

CONTROLLING DROPLET SIZE - AIRCRAFT

Number of nozzles - Use the minimum number of nozzles with the highest flow rate that provide uniform coverage.

Nozzle Orientation - Orienting nozzles so that the spray is emitted backwards, parallel to the airstream will provide larger droplets than other orientations.

Nozzle Type - Solid stream nozzles (such as disc and core with swirl plate removed) oriented straight back produce larger droplets than other nozzle types.

Boom Length - The boom length should not exceed 3/4 of the wing or rotor length - longer booms increase drift potential.

Application Height - Application more than 10 ft above the canopy increases the potential for spray drift.

BOOM HEIGHT

Setting the boom at the lowest labeled height(if specified) which provides uniform coverage reduces the exposure of droplets to evaporation and wind. For ground equipment, the boom should remain level with the crop and have minimal bounce.

WIND

Drift potential increases at wind speeds of less than 3 mph (due to inversion potential) or more than 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. AVOID GUSTY OR WINDLESS CONDITIONS.

Note: Local terrain can influence wind patterns, Every applicator should be familiar with local wind patterns and how they affect spray drift.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, set up equipment to produce larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally in a concentrated cloud. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog;however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud(under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce the effects of wind. However, it is the responsibility of the applicator to verify that the shields are preventing drift and not interfering with uniform deposition of the product

AIR ASSISTED (AIR BLAST) FIELD CROP SPRAYERS

Air assisted field crop sprayers carry droplets to the target via a downward directed air stream. Some may reduce the potential for drift, but if a sprayer is unsuitable for the application and/or set up improperly, high drift potential can result. It is the responsibility of the applicator to determine that a sprayer is suitable for the intended application, is configured properly, and that drift is not occurring.

Note: Air assisted field sprayers can affect product performance by affecting spray coverage and canopy penetration. Consult the application equipment section of this label to determine if use of an air assisted sprayer is recommended.

CHEMIGATION

Apply this product only through low pressure sprinklers including center pivot, lateral move, end tow, side (wheel)row, traveler, solid set, mini(micro)sprinkler, hand move or drip (trickle) irrigation systems. To avoid exposure to birds , use drip irrigation where feasible.

Application should be in sufficient water and of sufficient duration to apply the recommended rate evenly to the entire treated area.

Do not allow irrigation water to collect or run-off during chemigation.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.

If you have questions about calibration, you should contact state extension service specialists, equipment manufacturers, or other experts.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Wear personal protective equipment as defined in the PPE section of the label for applicators and other handlers when making adjustments or repairs on the chemigation system when DuPont™ VYDATE® L is in the irrigation water.

When the application is finished, allow the entire irrigation and injector system to be thoroughly flushed clean before stopping the system.

A pesticide supply tank is recommended for the application of VYDATE® L in chemigation systems. VYDATE® L is a water soluble liquid. Once in solution, no further agitation is required. VYDATE® L is compatible with most commonly used plant protectants with the exception of Bordeaux mixtures, lime sulfur and spray oils. Highly alkaline water should be buffered so that the pH of spray solution is in the range of neutral to slightly acidic.

Do not connect any irrigation system (including greenhouse systems) used for pesticide applications to a public water system unless the pesticide label -prescribed safety devices are in place.

Public water system means a system for the provision to the public of piped water for human consumption, if such system has at least 15 service connections or regularly serves an average of at least 25 individuals at least 60 days out of the year.

REQUIRED SYSTEM SAFETY DEVICES

1. The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Chemigation systems connected to public water systems must contain a functional, reduced- pressure zone, backflow preventer(RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ , the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical

6/14

break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

SPRINKLER CHEMIGATION

1. End guns must be turned off during the application, if they irrigate non target areas.
2. It is recommended that nozzles in the immediate area of control panels, chemical supply tanks and system safety devices be plugged to prevent contamination of these areas.
3. Do not apply when wind speed favors drift beyond the area intended for treatment.
4. Do not apply when system connections or fittings leak or when nozzles do not provide uniform distribution.

DRIP (TRICKLE) CHEMIGATION

1. The system should provide uniform waterflow and should have no leaks.
2. Irrigate crop in a manner to wet the root zone first, then introduce DuPont™ VYDATE® L for a period to distribute the material uniformly to the crop being irrigated. Discontinue use of VYDATE® L long enough to purge the system with fresh water and allow the VYDATE® L to remain in the root zone of the crop.

See crops on label for recommended treatment rates and additional use information.

POSTING OF AREAS TO BE TREATED

Posting of areas to be chemigated is required when 1) any part of a treated area is within 300 feet of sensitive areas such a residential areas, labor camps, businesses, daycare centers, hospitals, in - patient clinics, nursing homes, or any public areas such as schools, parks, playgrounds, or other public facilities not including public roads, or 2) when the chemigated area is open to public such as golf courses or retail greenhouses.

Posting must conform to all the following requirements. Treated areas shall be posted with signs at all usual points of entry and along likely routes of approach from the listed sensitive areas. When there are no usual points of entry, signs must be posted in the corners of the treated areas and in any other location affording maximum visibility to sensitive areas. The printed side of the sign should face away from the treated area towards the sensitive area. The signs shall be printed in ENGLISH. Signs must be posted prior to application and must remain posted until foliage has dried and soil surface water has disappeared. Signs may remain in place indefinitely as long as they are composed of materials to prevent deterioration and maintain legibility for the duration of the posting period.

All words shall consist of letters at least 2 1/2 inches tall, and all letters and the symbol shall be a color which sharply contrasts with their immediate background. At the top of the sign shall be the words"KEEP OUT", followed by an octagonal stop sign symbol at least 8 inches in diameter containing the word"STOP". Below the symbol shall be the words"PESTICIDE IN IRRIGATION WATER".

Posting required for chemigation does not replace other posting and reentry requirements for farm worker safety.

SPECIFIC USES—FRUITS

Where not otherwise specified, VYDATE® L should be applied in sufficient water to obtain uniform coverage.

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Apples	Rosy Apple Aphid	4 to 8 pt/A	Apply at pink (before bloom—no open petals) when aphids are present in significant numbers.	14	• Do not apply at bloom or within 30 days after bloom, as fruit thinning may occur. • Do not apply more than 8 pt (1 gal) VYDATE® L per acre per season. • Do not graze livestock in treated orchards. • Do not mix in excess of 400 gal water or in less than 50 gal water per acre, except for spotted tentiform leafminer control in the state of Washington, where one aerial application may be made at the rate of 1 to 2 pts/a in 5 to 15 gallons of water per acre. Additional applications can be made with ground equipment.
	Apple Aphid	4 to 8 pt/A	Apply when 50% of terminals are infested.		
	Spotted Tentiform Leaf Miners	2 to 4 pt/A	*To control 1st Brood Leaf Miner:* Apply at 1/2" green stage to early pink stage. Do not apply after the blossom clusters have separated *To control 2nd Brood Leaf Miner:* Apply when an average of two or more larvae per leaf are present in the sap-feeding stage. For best results, apply before the larvae enter the tissue-feeding stage. If necessary, repeat application 7 to 14 days after the first application.		
	European Red Mite and Two-Spotted Spider Mite	2 to 4 pt/A	Apply when mite populations reach 2 to 4 mites per leaf. Repeat applications at 7- to 14-day intervals.		
	White Apple Leafhoppers	2 to 4 pt/A	Apply when pests are present in significant numbers. Repeat applications at 10- to 14-day intervals.		

7/14

SPECIFIC USES—FRUITS

Where not otherwise specified, DuPont™ VYDATE® L should be applied in sufficient water to obtain uniform coverage.

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Apple Thinning (NJ, PA, VA, WV)		2 to 4 pt/A (1 to 2 pt/100 gallon dilute, not to exceed 4 pt/A)	Apply 1 to 2 full dilute sprays between 5 to 30 days after full bloom(petal fall / 5 mm to 20 mm fruit diameter) A surfactant such as Tween 20, LI 700, Regulaid or their equivalent may be added to enhance the thinning effect Tank mix combinations of VYDATE® L and "Ethrel", "Accel", or Naphthalene Acetic Acid (NAA) have successfully thinned several heavy setting and hard to thin varieties. Consult Ethrel, Accel or Naphthalene Acetic Acid (NAA) labels for rates and use instructions. Lower rates of "Ethrel", "Accel" or NAA may be desirable when less thinning is needed.	N/A	• Do not apply more than 8 pt (1 gal)VYDATE® L per acre per season. • Do not graze livestock in treated orchards. • Do not mix in excess of 400 gal. water or in less than 50 gal. water per acre. • Factors such as tree age, variety, previous crop, pruning, bloom, high temperature, rainy and cloudy weather and degree of set favor excessive fruit thinning with this product. Rates may vary depending on variety and local orchard conditions. • VYDATE® L may cause increase in russet on those varieties prone to russet (i.e. golden delicious, stayman, etc.). • Consult with your County Extension Service or other experts for advice on the proper use of VYDATE® L.
Bananas, Plantains (Puerto Rico only)	Nematodes (Radopholus similis, and species of Pratylenchus, Meloidogyne, Rotylenchulus, Helicotylenchus), and Banana Corm Borer (Cosmopolites sordidus)	*Planting Treatment:* 5 to 10 mL undiluted VYDATE® L/corm (or "seed") in the planting hole. *Post-planting Treatment as Extension of Planting Treatment:* 5 to 10 mL undiluted VYDATE® L/corm.	Apply and cover the treated corm with soil. Two to three months after planting, repeat the application at the same rate. If the developing pseudostem is 1 ft tall or shorter, apply the pesticide directly over the top, wetting the leaves and leaf axils; if the pseudostem is higher, apply the pesticide to the soil in a semicircular pattern, directing the product as close as possible to the developing pseudostem. For high infestations, use a high rate and shorten the interval between applications. At 3- to 4-month intervals, reapply the product using the same application regimen as in the 2- to 3-month regimen When a sucker or "follower" has been selected for the production of the ratoon crop, apply the product to the selected sucker at the same rate and frequency.	1	• Apply only with the specially designed VYDATE® L spotgun applicator with a coarse spray nozzle. • VYDATE® L is most effective when ground applications are made at the beginning of the rainy season, or when the soil moisture is adequate. • Before ground applications, remove weeds and leaf trash from the treatment area. • Do not permit animals to graze or forage in treated areas. • Do not apply more than 16 pt (2 gal) VYDATE® L per acre per year.
Citrus	Citrus Rust Mite	1/4 to 1 pt/100 gal water; spray to runoff using up to 400 gal water/A Do not apply more than 4 pts product per acre.	Apply when significant infestations are found. For light to moderate infestations, apply at 4- to 6-week intervals; for moderate to heavy infestations, apply at 2- to 3-week intervals as long as the infestation continues.	7	• Do not make more than six applications per year. • Do not apply more than 24 pt (3 gal) VYDATE® L per acre per year. • Do not graze livestock in treated orchards. • Do not handle plants or come in contact with foliage within 3 days of application. • This product is toxic to bees and should not be applied when bees are in the crop area. Crops can be treated during bloom if applications are made between one hour before sunset and one hour after sunrise, or when the ambient temperature is below 55° F.
	Citrus Thrips	2 to 4 pt/A; to give uniform coverage, use from 100 to 500 gal water/A by ground or 10 to 20 gals water/A by air.	Apply in early spring before bloom when new growth is 3" to 4" long. Applications are recommended at petal fall (to prevent fruit scarring) and during midsummer (to protect new growth on young trees).		

continued on next page

8/14

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Citrus (continued) (CA)	Citrus Nematode suppression	2 to 8 pt/A by drip irrigation; use 2 to 4 pt/A at 14 day intervals or 4 to 8 pt/A at 30 day intervals.	Initiate treatment in the spring when soil temperatures at 12 inches depth have reached 50 F. Continue treatments until soil temperature drops below 50 F. Treatments in April, May & June and continued through August, September and October have usually given good response.	7	• Do not apply more than 8 pt/A in any 30 day period. • Best results with drip irrigation occur when DuPont™ VYDATE® L is introduced into the irrigation water during the last one-third of the irrigation cycle. Adjust flow from injection equipment to use contents over a period of not less than 1 hour.
Nonbearing Fruit* Apple, Cherry, Citrus, Peach, Pear,	Mites, Insects (including Aphids, Leafhoppers, Leaf Miners, Thrips)	*Foliar Treatment:* 2 to 4 pt/A in 100 gal water/A or 4 to 8 pt/A in a maximum of 600 gal water/A	Apply when insect infestations are at an economic level.	—	
	Nematodes [including Root Knot (except Javanese), Sting Lesion, and Burrowing Nematodes]	*Preplant Soil Incorporated Treatment:* 3 to 4 gal/A in at least 20 gal water/A or *Foliar Treatment Alone or as Supplement to Either Soil Treatment:* 2 to 4 pt/100 gal water applied as a diluted spray; do not exceed 8 pt/A	Apply within 24 hr before transplanting and thoroughly incorporate to a depth of 4 to 8 inches immediately after application. Apply four times on a 2- to 3-week schedule. Apply the first spray at first full leaf or when plant is in active growth phase.	—	• If the preplant soil incorporated treatment is applied as a band treatment, use proportionately less material. • Since varieties are numerous, continually change, and may respond differently to VYDATE® L, test the product on a small scale before proceeding to large-scale application. Varietal response may also vary if VYDATE® L is mixed with other products. • Do not apply more than 32 pt (4 gal) VYDATE® L per acre per season. • Do not make foliar applications to plants under water stress or to plants not actively growing. Include a spreader sticker. • Use only on commercial plantings; do not use on home plantings.
Pears	European Red Mite, McDaniel Mite, Two-spotted Spider Mite, Pear Rust Mite	6 to 8 pt/A in 100 to 600 gal water/A; for best results, use a dilute application.	Apply when mites first appear. For light infestations, use a low rate; for heavy infestations, use a high rate. Use ground application only.	14	• NOT REGISTERED FOR USE IN CALIFORNIA. • Do not apply at bloom or within 30 days after full bloom, as fruit thinning may occur. • This product has been tested on Bartlett and d'Anjou varieties of pears without russeting. Its use on other varieties should be on a small scale until the possibility of russeting has been evaluated. • Do not graze livestock in treated orchards. • Do not apply more than 8 pt (1 gal) VYDATE® L per acre per season.
Pineapple	Reniform and Root Knot Nematodes	*Planting Treatment:* 1/2 to 2 gal/A as a drip irrigation injection or 1 to 2 gal/A as a broadcast application *Foliar (Ground) Treatment as Extension of Planting Treatment:* 1/2 to 1 gal/A in sufficient water or *Drip Irrigation:* 1/4 to 1 gal/A	Apply within 1 week after planting. Apply at 2- to 4-week intervals. Begin applications when pineapple roots begin to grow following planting. Apply at 2-, 4-, or 8-week intervals. Begin applications when pineapple roots begin to grow following planting.	30	• NOT REGISTERED FOR USE IN CALIFORNIA. • Do not apply more than 32 pt (4 gal) VYDATE® L per acre per year. • Do not graze treated fields within 30 days of application. • Supplemental foliar applications are most effective if crops were treated at or before planting with VYDATE® L or a standard fumigant. • Best results occur under optimum soil moisture conditions.

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

9/14

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Carrots	Root Knots (Except Javanese), Lesion, Sting, Spiral and Stunt Nematodes	*Preplant Treatment:* 2 to 4 gal/A in at least 20 gal water/A as a soil broadcast treatment or *In-Furrow Treatment:* 1 to 2 gal/A in at least 20 gal water/A	Apply within 1 week of planting and thoroughly incorporate 4" to 6" into the soil. Apply in the seed furrow during planting.	14	• NOT REGISTERED FOR USE IN CALIFORNIA. • Do not apply more than 32 pt (4 gal) DuPont™ VYDATE® L per acre per season.
	Carrot Weevil	2 to 4 pt/A as a soil directed spray in 20 gal water/A	Apply up to three times at 2- to 3-week intervals beginning when insects appear in damaging numbers.		
Celery (AZ, CA, FL)	Serpentine Leaf Miners (except Liriomyza Trifolii)	2 to 4 pt/A as a foliar spray; use at least 10 gal water/A for aerial application	Apply when insects first appear. Repeat at 5- to 7- day intervals. Use a low rate for light infestations; an intermediate rate for heavy infestations; and a high rate for severe infestations.	21	• Do not apply more than 24 pt (3 gal) VYDATE® L per season.
(FL, OH, PA, MI, TX)	Root Knot Nematode (Meloidogyne Hapla) and Pin Nematode	*Transplant Treatment:* 1/2 to 1 gal/A in at least 100 gal water/A or *Foliar Treatment:* 1 gal/A in at least 100 gal water/A as a directed spray or *Preplant Row Treatment:* 2 gal/A in 20 gal water/A applied in an 8" to 16" wide band *Foliar Treatment as Extension of Preplant Treatment:* 4 pt/A as a directed spray in at least 20 gal water/A *Foliar Treatment Alone or as Extension of Preplant Nematode Treatment:* 4 pt/A as a directed spray in at least 20 gal water/A	Apply immediately after transplanting celery seedlings in the field. Apply first spray 3 weeks after transplanting; apply second spray 3 weeks after first treatment. Thoroughly incorporate to a depth of 4" in soil. Apply two sprays 2 to 3 weeks apart beginning 2 to 3 weeks after transplanting. Apply two sprays 2 to 3 weeks apart beginning 2 to 3 weeks after transplanting.		• Do not apply more than 24 pt (3 gal) VYDATE® L per acre per season
	Carrot Weevil				
(CA)	Root Knot and Stubby Root Nematodes	*Band Treatment or Shank Injection:* 4 pt/A as a 1 - 2 inch band directly over plant line(s) or near base of transplants. 4 pt/A as a 1 - 2 inch band directly over or near base of celery plants.	Apply after seeding or Transplanting. Apply as a band spray or by shank injection of 1 to 2 inches depth at 21 to 30 day intervals after the initial treatment.		• Each application of VYDATE® L must be followed by irrigation (sprinkler or furrow) within one week of treatment. • Do not apply narrow band concentrated spray directly over young celery plants unless treatment is followed by sprinkler irrigation. • If furrow irrigation is to be used following application, the VYDATE® L should be applied as two bands of 1 to 2 inch width each directed to the bed shoulders. Bands should be placed a few inches below the anticipated water line when furrows are full.
Cucumber, Cantaloupe, Honeydew Melon, Watermelon, Squash, Pumpkin	Root Knot (Except Javanese), Lesion, Ring, Sting, and Stunt Nematodes.	*Preplant and Planting Treatment:* 1 to 2 gal/A as a broadcast; for band treatment, use proportionately less *Foliar Treatment Alone or as Extension to Preplant and Planting Treatment:* 2 to 4 pt/A	Following application, but before planting, thoroughly incorporate 2" to 4" into soil. Use the low rate for light infestations Apply first spray 2 to 4 weeks after planting; apply second spray 2 to 3 weeks after first spray. Use the low rate for light infestations. Best results follow usage of VYDATE® L as a soil treatment as described above.	1	• Do not apply more than 24 pt (3 gal) per acre per season.
	Leaf Miners (Liriomyza spp.), Aphids Thrips	*Foliar Treatment:* 2 to 4 pt/A	Apply when insects first appear. Repeat weekly. Apply a low rate for light infestations; apply a high rate for severe infestations. Where Leaf Miner infestations occur annually, initiate treatment schedule 2 to 4 weeks after planting and repeat weekly.		

10/14

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Eggplant	Aphids, Colorado Potato Beetle, Leaf Miners, Mites	*Foliar Treatment:* 2 to 4 pt/A	Apply by ground equipment when insects first appear. Repeat application at 1- to 3-week intervals.	1	• Do not apply more than 24 pt (3 gal) DuPont™ VYDATE® L per acre per season.
	Nematodes	*Soil Treatment:* 1 gal/A as a band treatment plus *Foliar Treatment:* 4 pt/A as a foliar spray	Apply 2 to 3 weeks after transplanting. Repeat application 4 weeks after first application. Apply twice by ground equipment at 1- to 2-week intervals 2 to 4 weeks after the second soil treatments.	7	• NOT REGISTERED IN CALIFORNIA FOR USE ON NEMATODES.
Garlic (OR)	Onion Thrips, Western Flower Thrips	**See Onions**			
(CA & OR)	Stubby Root, Stem and Bulb Nematodes	**See Onions**			
Ginger Root (HI)	Root Knot, Sting, Lesion and Burrowing Nematodes.	*Preplant treatment:* apply 1 to 2 gal/A (broadcast); for band treatment use proportionately less based on treated area. *Postplant treatment:* apply 1 to 2 qt/A in a band application along the sides of the ginger row or as a foliar application to the ginger plants.	Following application incorporate 2 to 4 inches into the soil before planting. Apply at monthly or every other month intervals.	30	• Do not apply more than 5 gals. VYDATE® L per acre per crop. • Do not apply by chemigation. • Do not make more than 6 foliar applications of VYDATE® L per acre per crop.
Onions (dry bulbs only) (MI, NM, TX)	Onion Thrips, Western Flower Thrips	1 to 2 pt/A in at least 5 gal water/A	Apply when insects appear in significant numbers. Repeat applications at 5 - 7-day intervals. For light infestations, use a low rate, increasing the rate as the infestation increases.	14	• Do not harvest tops of treated onions. • Do not use on green onions. • Do not apply more than 18 pts (2 1/4 gal) VYDATE® L per acre per season.
(CA - Modoc & Siskiyou counties, OR, ID, WA,)	Onion Thrips, Western Flower Thrips	2 to 4 pt/A (min 5 gal water/A by air)	Apply when insects appear in significant numbers. Repeat applications at 14-day intervals. Add a wetting agent to improve coverage.		
(MI, TX)	Stubby Root, Stem, and Bulb Nematodes	3/4 to 1 gal/A as an in-furrow drench in 100 to 150 gal water/A or 1-1/2 to 2 gal/A as an in-furrow band spray in 20 to 50 gal water/A or 1/2 to 1 gal/A as an in-furrow spray followed by 1 to 2 postemergence band treatments at 1/2 to 1 gal/A in a minimum of 20 gal. water per acre.	Apply at planting. Apply at planting At Planting *Postemergence* Apply at flag leaf and 14 to 21 days later. Water is required to move VYDATE® L into the root zone. For best results, the postemergence applications should be followed by overhead irrigation or rainfall (1/4 to 1 acre inch) within 3 days of treatment.		
(ID, OR, WA)	Stubby Root Nematode (suppression)	*At Planting:* 3/4 to 1 gal/A as an in-furrow drench in 100 to 150 gal water /A or 1 1/2 to 2 gal /A as an in-furrow band spray in 20 to 50 gal water/A. *Postemergence:* broadcast or band at 1 gal /A in 20 to 50 gals. water /A. or 1 gal/A in pressurized sprinkler systems.	VYDATE® L ground or air applications should be incorporated with 1/2 to 1 inch of moisture as soon as possible after application (1 to 3 days). Crop response is usually better from application made to seedling plants (flag leaf to 2 to 3 true leaf). VYDATE® L can be applied in sequential treatments as long as the total rate per acre per crop does not exceed 2 1/4 gallons. *Sprinkler Irrigation:* VYDATE® L may be applied by low pressure center pivot, linear move, wheel-line or solid set sprinkler systems. Use a minimum of 0.75 acre inch of water to thoroughly incorporate the VYDATE® L into the crop root zone.		
(CA)	Stubby Root, Stem, and Bulb Nematodes	2 to 4 qt/A as an in-furrow spray *Postemergence:* 2 - 4 qt /A in 20 to 40 gal water/A as a 1 - 2 inch band placed on soil surface at base of plants. or 2 - 4 qt/A in pressurized sprinkler systems.	Apply at planting. *Postemergence :* Make 2 to 3 applications at 14 to 21 day intervals. VYDATE® L can be applied in sequential treatments as long as the total rate per acre does not exceed 2 1/4 gallons. For solid set and wheel-line systems, inject the appropriate amount of VYDATE® L at the beginning of the irrigation cycle and adjust metering rate so all the VYDATE® L is applied during the first half of the cycle.		

11/14

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Peppers, (Bell & Non-Bell)	Root Knot (except Javanese), Sting, Ring, Stubby Root, and Stunt Nematodes, Green Peach Aphid, Vegetable Leaf Miner, Pepper Weevil and Thrips.	*Transplant Water Treatment:* 2 pt/A in at least 200 gal of transplant water/A *Drip Irrigation as a Supplement to Transplant Treatment:* 2 to 4 pts /A in 40 to 200 gal of water /A. *Foliar Treatment as Supplement to Transplant Treatment:* 2 to 4 pt/A	Apply during transplanting operation. When nematode populations are very high, begin with a transplant water treatment and supplement with drip irrigation or foliar sprays. Apply first drip irrigation or foliar spray 14 days after transplant. Repeat at 1- to 2- week intervals to control nematodes and insects. If nematodes are not present, drip irrigation or foliar sprays may be used to control insects.	7	• NOT REGISTERED FOR USE IN CALIFORNIA ON NEMATODES. • Do not apply as a transplant water treatment during periods of slow plant growth, such as when temperatures fall below 45°F, or crop injury may result. • Do not apply more than 24 pt (3 gal) DuPont™ VYDATE® L per acre per season.
		Foliar Treatment: 2 to 4 pt/A	Apply when insects first appear. Repeat at 1- to 2-week intervals. Use a low rate for light infestations; use the highest recommended rates at shorter intervals for severe infestations.		
Potatoes **Northeast & Mid-Atlantic States** (CT,DE,MA, MD,ME,NH, NJ,NY,PA,RI, VA & VT)	Aphids, Colorado Potato Beetle, Flea beetle, Potato Leafhopper, & Tarnished Plant Bug	*Foliar Treatment:* 2 to 4 pt/a, 1 to 4 pt/a can be used for Colorado Potato beetle; use at least 4 gal water/a for aerial application.	Apply when insects first appear. Repeat at 5- to 7- day intervals to maintain control. Use a low rate for light infestations;use a high rate for severe infestations.	7	Do not apply more than 24 pts (3 gal) VYDATE® L per acre per season. Do not make more than 6 applications of VYDATE® L per crop.
U.S. (Except Northeast, Mid Atlantic States & California)	Root Knot (except Javenese), Sting, Lesion & Ring Nematodes, Aphids, Colorado Potato Beetle, Flea Beetle, Potato Leafhopper, and Tarnished Plant Bug	*Preplant In-Furrow Treatment:* 1 to 2 gal/a in at least 20 gal water /a. *Foliar Treatment:* 2 to 4 pt/a; 1 to 4 pt/a can be used for Colorado Potato Beetle. Use at least 4 gal water/a for aerial application.	Apply to seed furrow at planting. Begin the foliar application only after it has been determined by scouting that the early season control has diminished. Repeat at 5- to 7- day intervals to maintain control. Use a low rate for light infestations ; use a high rate for severe infestations.		Do not apply more than 36 pt (41/2 gal) VYDATE® L per acre per season. Do not make more than 6 foliar applications of VYDATE® L per acre per crop. NOT REGISTERED FOR USE IN CALIFORNIA.
Sweet Potatoes	Root Knot (Except Javanese) and Spiral Nematodes	*Preplant Treatment:* 2 to 3 gal/A in at least 20 gal water/A as a soil broadcast treatment; for band treatments, use proportionately less. or *In-Furrow Treatment:* 1 to 2 gal/A in at least 200 gal water/A in the transplant water	Apply within one week of planting. Thoroughly incorporate 4" to 6" into the soil. Apply during planting of slips.	—	• NOT REGISTERED FOR USE IN CALIFORNIA. • Do not apply as a transplant water treatment during periods of slow plant growth, such as when temperatures fall below 45°F, or crop injury may result. • Do not apply more than 24 pt (3 gal) VYDATE® L per acre per season.
Tomatoes	Root Knot (Except Javanese), Sting, Stubby Root, Stunt, and Reniform Nematodes	*Foliar:* 2 to 4 pt/A . Minimum of 10 gal water /A by air or *Drip irrigation :* 2 to 8 pt/A. Or *Shank Injection* (CA only): 3 to 5 pt/A	Apply when plants become established. Repeat at 1 to 2 - week intervals Apply at first irrigation of the field. Use 2 to 4 pt/A every 1 to 2 weeks early in the crop cycle when plants are small. As growth continues and plant roots ant tops expand. Increase dosage progressively to 8 pt/A at 1 to 2 week intervals. Using an injection shank during the planting operation, apply 3 pt/A immediately adjacent to the plant row. A second application (side dress) should be made at 5 pt/A 3 to 4 weeks after the initial application. A third application (side dress) may be made at 4 pt/A 3 to 4 weeks after the second application.	3	• Under very high nematode populations, other effective soil treatments at or before planting may be necessary. These can be followed by foliar sprays or drip irrigation of VYDATE® L to extend and maintain control. Supplemental applications of VYDATE® L should begin when nematode populations begin to recover. This will depend on the longevity of protection offered by the treatment applied to the soil • Drip : Introduce the VYDATE® L into the irrigation water during the middle one- third of the irrigation cycle. Adjust flow from injection equipment to use contents over a period of 30 minutes to 1 hour. • Shank: Application must be made to moist soil and must be followed as soon as possible with either sprinkler or furrow irrigation water to activate the VYDATE® L
	Serpentine Leaf Miners (Except Liriomyza Trifolii), Colorado Potato Beetle, Aphids, Silverleaf Whitefly (Suppression).	2 to 4 pt/A as a foliar spray; use at least 4 gal water/A for aerial applications	Apply when insects first appear. Repeat at 5- to 7-day intervals. Apply a low rate for light infestation; a moderate rate for heavier infestation; and the highest recommended rate for severe infestations.		• Do not apply more than 32 pt (4 gal) VYDATE® L per acre per season.

12/14

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Yams (Dioscorea)— Puerto Rico only	Nematodes	*Seed Piece Dip:* 4 to 8 pt in 100 gal water/A (1200 to 2400 ppm active ingredient) *Foliar Treatment as a Supplement to the Seed Piece Dip:* 2 pt/A in at least 25 gal water/A	Dip seed pieces into solution for 15 minutes. Allow to dry for 24 hr and plant. Apply when adequate foliage is present to absorb the product (approximately 2 months after planting). Apply at 2-week intervals, continuing for a maximum of 12 applications.	60	• For control of nematodes only on commercial farming operations. • Workers must wear protective clothing during dipping and planting. • Do not handle treated seed pieces without hand protection. • Foliar sprays should be made during non windy conditions. • Full protective clothing should be worn during foliar application. • Do not allow spray to drift from the target area. • Do not apply more than 48 pts (6 gal) DuPont™ VYDATE® L per acre per season.

SPECIFIC USES—FIELD CROPS

Where not otherwise specified, DuPont™ VYDATE® L should be applied in sufficient water to obtain uniform coverage.

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Cotton	Cotton Leafperforator	1 to 4 pt/A in sufficient water	Apply when damaging populations begin to build. Continue on a 6- to 8-day schedule for up to four applications.	21	• Do not apply more than 16 pt (2 gal) VYDATE® L per acre per season.
	Boll Weevil, Cotton Fleahopper, and Tarnished Plant Bug	1/2 to 1 pt/A in sufficient water	Apply when damaging populations appear.		• Do not apply more than 10 pt (1-1/4 gal) VYDATE® L per acre per season. • Do not graze or feed treated cotton to livestock.
Mint, peppermint, spearmint (ID, MI, MT, OR, WA, WI)	Root Lesion, Mint Nematode	1/2 to 1 1/2 gal/A by ground, air or low pressure sprinkler systems.	Apply as mint breaks winter dormancy and begins active root growth. A second application may be made 3 - 4 weeks later or to regrowth that occurs in the fall. Use lower rate on coarse textured soils and muck soils to control mint and root lesion nematode. Use higher rate on fine textured soils to control mint nematode. Applications to heavy soils to control root lesion nematodes did not result in increased yields.	21	• Do not apply more than 16 pt (2 gal) VYDATE® L per acre per season • Do not make more than 2 applications per season • VYDATE® L ground or air applications should be incorporated with 1/2 to 1 inch of moisture as soon as possible after application (1 to 3 days). • *Sprinkler application:* VYDATE® L may be applied by low pressure center pivot, linear move, wheel- line or solid set sprinkler irrigation systems. Use a minimum of 0.75 acre inch of water to thoroughly incorporate the VYDATE® L into the crop root zone. For solid set and wheel-line systems, inject the appropriate amount of VYDATE® L at the beginning of the irrigation cycle and adjust the metering rate so that all the VYDATE® L is applied during the first half of the irrigation cycle
Peanuts	Root Knot (Except Javanese), Sting, Ring, and Lesion Nematodes, and Thrips	*Preplant Soil Treatment:* 4 to 12 pt/A in a 7" to 12" band in at least 10 gal water/A or *At-Planting Soil Treatment:* 4 to 12 pt/A in a 7" band in at least 10 gal water/A	Apply directly to soil. Immediately after application, thoroughly incorporate to 3" to 5". Plant peanuts within 24 hr after application. For severe infestations, apply a high rate in a wider band. Apply immediately after planting.	—	• NOT REGISTERED FOR USE IN CALIFORNIA. • Do not apply more than 20 pt (2-1/2 gal) VYDATE® L per acre per season.
		Foliar Treatment as Supplement to Preplant or At-Planting Soil Treatment: 2 to 4 pt/A in 20 to 40 gal water/A	Apply first spray 3 weeks after emergence. Apply a second spray 3 weeks later. For best results, concentrate the spray on the row using three cone-type nozzles positioned over and to each side of the row. Thorough coverage is important.		• Foliar treatment is to be used only after soil fumigation, preplant, or at-planting application of VYDATE® L or other contact nematicides.
Soybeans	Root Knot (Except Javanese), and Ring, Lesion, Stunt, Lance, and Cyst Nematodes	*In-Furrow Band Treatment:* 2 to 4 pt/A in 10 to 20 gal water/A (based on 36" row spacing)	Apply at planting. Spray over open drill row in the seed zone to ensure incorporation with the soil.	—	• NOT REGISTERED FOR USE IN CALIFORNIA • Do not cut for hay or feed treated forage to livestock. • Do not apply to areas with severe infestations of nematodes such as where injury to plants is manifested by severe stunting and chlorosis, as VYDATE® L will not control severe infestations. • Do not apply more than 16 pt (2 gal) VYDATE® L per acre per season.
		Incorporated Band Treatment: 2 to 4 pt/A in 10 to 20 gal water/A in a 7" to 10" band in the drill area (based on 36" row spacing)	Apply as a preplant treatment up to 1 week before planting or as a treatment at planting. Thoroughly incorporate 2" to 4" into the soil in the seed zone		
		Incorporated Broadcast Treatment: 1 to 2 gal/A in 10 to 20 gal water/A	Apply up to 1 week before planting or at planting. Thoroughly incorporate 2" to 4" into the soil in the seed zone.		
Tobacco	Root Knot (except Javanese) and Lesion Nematodes, and Flea Beetles	*Soil Treatment:* *Row Treatment:* 1 gal in an 18" to 24" band in at least 20 gal water/A (12,000 row feet of tobacco)	Thoroughly incorporate 4" to 6" into the soil.	—	• Do not apply more than 8 pt (1 gal) VYDATE® L per acre per season
		Broadcast and Bed Treatment: 1 gal/A in at least 40 gal water/A	Thoroughly incorporate 4" to 6" into the soil. Use only treated soil for the beds. Do not transplant tobacco for 48 hours after soil treatment.		

STORAGE AND DISPOSAL

STORAGE: Do not subject to temperatures below 32 degrees F. Store product in original container only. Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Not for use or storage in or around the home.

PESTICIDE DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: For Metal Containers (non aerosol): Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. **For Plastic Containers:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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