352-372 05/14/2013 1/38

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

MAY 14 2013

Patricia G. Devine
E.I. DuPont de Nemours and Company
Stine-Haskell Research Center
PO Box 30
Newark, DE 19714-0030

Subject: DuPont Vydate L Insecticide/Nematicide, EPA Reg. # 352-372, (D# 461229)
label amendment initially submitted 1/30/2012, latest revision 5/13/2013
acceptable

Dear Ms. Devine:

This label amendment reflects changes to the Directions For Use required as part of the ongoing n-methyl carbamate cumulative assessment. The revised labeling referenced above submitted in connection with the registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is ACCEPTABLE.

Please submit one copy of your final printed labeling before you release the product for shipment. If this provision is not complied with the registration will be subject to cancellation in accordance with FIFRA Section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of this condition.

A copy of the label stamped "accepted" is enclosed for your records. If you have any questions please contact Tom Harris at (703) 308-9423 or harris.thomas@epa.gov.

Sincerely yours,

John D. Hebert
Product Manager (07)
Insecticide-Rodenticide Branch
Registration Division (7505P)

enclosure

DuPont™ Vydate® L

INSECTICIDE/NEMATICIDE

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.

GROUP	1A	INSECTICIDE

Water Soluble Liquid

1 GALLON CONTAINS 2 LBS. ACTIVE INGREDIENT

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

Contains Methanol

EPA Reg. No. 352-372

Nonrefillable Container

Net: _____

OR

Refillable Container

Net: _____

ACCEPTED
MAY 14 2013
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under:

EPA. Reg. No: 352-372

EPA Est. No. _____

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 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 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 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 symptoms appear (see SYMPTOMS), get medical attention.

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.

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.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER-POISON! Fatal if swallowed. May be fatal if inhaled. Do not breathe spray mist. Causes moderate eye irritation. Avoid contact with eyes or clothing. Contains methanol which may cause blindness.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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.

Mixers, loaders, applicators and other handlers must wear:

Coveralls over long-sleeved shirt and long 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.

ENGINEERING CONTROL STATEMENTS

Human flaggers must be in enclosed cabs.

Pilots must use an enclosed cockpit in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)]. Pilots must not assist in the mixing and loading operations.

Mixers and loaders supporting use on cotton in California and Arizona must use a closed system that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4)]. The system must be designed by the manufacturer to remove a liquid pesticide from its container and transfer it through connecting hoses, pipes, and/or couplings that are sufficiently tight to prevent dermal or inhalation exposure of any person to the pesticide concentrate, use dilution, or rinse solution and must be provided and have immediately available for use in an emergency, such as a broken package, spill, or equipment breakdown: coveralls, chemical-resistant footwear, and the type of respirator required for handlers on this labeling. In addition, handlers:

- may wear long-sleeved shirt and long pants, socks and shoes, chemical resistant gloves and a chemical resistant apron, instead of the PPE required for mixers and loaders on this label,
- must wear protective eyewear if the system operates under pressure.

When handlers use closed systems, or enclosed cabs, in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 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/PPE 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 and mammals. Cover or disc spill areas. Birds and mammals 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 cleaning equipment or disposing of equipment waste waters.

This product can contaminate surface water through ground spray applications. Under some conditions, it may also have a high potential for runoff into surface water after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, area overlaying extremely shallow ground water, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-laying tile drainage systems that drain to surface water.

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

Restricted Use Pesticide

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.

Pilots must not assist in the mixing and loading operations.

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.
Chemical-resistant gloves made of any waterproof material.
Socks and shoes.

DuPont™ VYDATE® L insecticide/nematicide must be used only in accordance with directions on this label or in separate supplemental labeling.

DuPont will not be responsible for losses or damages resulting from use of this product in any manner not specifically listed on this label. User assumes all risks associated with such use.

PRODUCT INFORMATION

VYDATE® L is a water- soluble liquid that can be used to control many important insects, mites, and nematodes. VYDATE® L is diluted with water for application.

Use VYDATE® L for nematode supression where nematode populations are low to moderate. Make applications via foliar spray, drip irrigation, shank or other soil injection system, soil surface band followed immediately by overhead irrigation, or via sprinkler chemigation. For best results on neamtodes use a registered soil fumigant or contact nematicide prior to or at planting for most crops. VYDATE® L application timing and treatment schedules depend on the crop and life cycle of the nematode. See the specific crop directions for use of this label for more information.

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.

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

In the Directions for Use section of this label for NON-BEARING FRUIT, CARROTS, CELERY, CUCUMBER, CANTALOUPE, HONEYDEW MELON, WATERMELON, SQUASH, PUMPKIN, EGGPLANT, PEPPERS, AND TOMATOES, the Rio Grande Valley is defined to include the following counties: Brewster, Crane, Crockett, Culberson, El Paso, Hudspeth, Jeff Davis, Kinney, Loving, Maverick, Pecos, Presidio, Reeves, Starr, Sutton, Terrell, Upton, Val Verde, Ward, Webb, Winkler, and Zapata.

Seed piece treatments of tuberous crops are prohibited.

All applications to the soil must be incorporated immediately after application to a depth of at least 2 inches by mechanical means or by water. Place VYDATE® in the root zone of the plant for best results. If irrigation is used to water in the application, use sufficient water to move the applied VYDATE® at least 2 inches deep into the soil. However, do not apply irrigation water such that the water moves off the field.

INTEGRATED PEST MANAGEMENT

DuPont supports the use of Integrated Pest Management (IPM) programs to control pests. Use this product as part of an IPM program which can include biological, cultural, and genetic practices aimed at preventing economic pest damage. IPM principles and practices include field scouting or other detection methods, correct target pest identification, population monitoring, rotation of insecticides with different modes-of-action, 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 treatment threshold levels for treating specific pest/crop or site systems in your area.

RESISTANCE

For resistance management, DuPont™ VYDATE® L is a group 1A insecticide. Repeated exclusive use of VYDATE® L or other group 1A insecticides may lead to the buildup of resistant strains of insects in some crops. Not all members of this group have been shown to be cross-resistant. Different resistance mechanisms that are not linked to target site of action, such as enhanced metabolism, are common for this group of chemicals. Alternation of compounds from different sub-groups within this group is an acceptable part of an integrated pest management program.

Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, use this product as part of resistant management strategies established for the use area. These strategies include incorporation of cultural and biological control practices, alternation of mode-of-action classes of insecticides on succeeding generations and targeting the most susceptible life stage. Consult your local or state agricultural authorities for details.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternate method of control for your area. For additional information on insect resistance monitoring, visit the Insecticide Resistance Action Committee (IRAC) on the web at http://www.irac-online.org.

CROP ROTATION

Do not plant crops other than those with registered VYDATE® L or VYDATE® C-LV uses within 4 months after the last application. Cover crops for soil building or erosion control may be planted anytime, but do not graze or harvest for food or feed.

COMPATIBILITY

Since formulations may be changed and new ones introduced, it is a best practice 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.

VYDATE® L is compatible with most commonly used plant protectants with the exception of bordeaux mixture, lime sulfur, spray oils or 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 .

VYDATE® L is a water soluble liquid. Fill spray tank with water 1/4 - to 1/2- full. Add VYDATE® L directly to the tank. Mix thoroughly while adding remaining water. Once in solution, no further agitation is required. Do not store the spray mix in a spray tank overnight.

Buffer spray solution to a pH of 5 to 7 for best results.

APPLICATION

Apply at the labeled rates when insect populations reach locally determined thresholds. Consult the cooperative extension service, professional consultant or other qualified authorities to determine appropriate threshold levels for treatment in your area.

Refer to crop specific directions for use in the crop tables for information on treatment intervals.

Use sufficient water to obtain thorough, uniform coverage. For aerial applications use a minimum of 2 gallons per acre of water for vegetables and row crops and 10 gallons per acre of water for fruit crops, except where otherwise noted in the crop specific directions for use. For ground foliar applications use a minimum of 5 gallons per acre of water and 10 gallons per acre of water for fruit crops, except as otherwise noted in the crop specific directions for use.

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 nozzle tips and screens 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

Nozzles must never be pointed downward more than 45 degrees.

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 - Applications should not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

Swath Adjustment-Aircraft - When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase with increasing drift potential (higher wind, smaller drops, etc.).

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

Application should not occur during a temperature inversion because drift potential is high. 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.

SENSITIVE AREAS

This product should only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

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.

AIR ASSISTED (AIR BLAST) - TREE AND VINE SPRAYERS

Air assisted tree and vine sprayers carry droplets into the canopy of trees and vines via a radially or laterally directed air stream. These sprayers are not suitable for applying herbicides. In addition to the general drift management principles already described, the following specific practices will further reduce the potential for drift:

- *Adjust deflectors and aiming devices so that spray is only directed into the canopy.*
- *Block off upward pointed nozzles when there is no overhanging canopy.*
- *Use only enough air volume to penetrate the canopy and provide good coverage.*
- *Movement of spray that goes beyond the edge of the cultivated area may be minimized by practices such as spraying the outside row only from outside the planting.*

CHEMIGATION

Use the following types of irrigation equipment for chemigation applications: center pivot, lateral move, end tow, side (wheel) roll, traveler, solid set, mini (micro) sprinkler, hand move, drip (trickle), or strip tubing irrigation systems. To avoid exposure to birds, use drip irrigation where feasible. Do not apply this product through any other type of irrigation system.

Apply in sufficient water and of sufficient duration to apply the labeled rate evenly to the entire treated area.

Buffer the injection solution containing DuPont™ VYDATE® L to approximately pH 5 for best results.

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.

Do not apply VYDATE® L at the same time that a drip/irrigation line clean out product is being used as performance may be reduced.

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 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.

Use a pesticide supply tank for the application of VYDATE® L in chemigation systems. Buffer highly alkaline water so that the pH of the 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 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 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 as 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, apply DuPont™ VYDATE® L in sufficient water to obtain uniform coverage.

APPLES – ALL STATES

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 by ground 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. • Minimum retreatment interval is 7 days unless a longer interval is stated in the Application Timing and Method section. • Do not make more than 4 applications per season to apples (total for insect control and thinning uses combined). • Do not graze livestock in treated orchards. • Do not apply 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 by ground when 50% of terminals are infested.		
	Spotted Tentiform Leafminers	2 to 4 pt/A	Make all applications using ground equipment, except in the State of Washington where one aerial application may be made. *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 by ground 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 by ground when pests are present in significant numbers. Repeat applications at 10 to 14 day intervals.		

APPLE THINNING – NJ, PA, VA AND WV ONLY

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Apple Thinning		2 to 4 pt/A (1 to 2 pt/100 gallon dilute, not to exceed 4 pt/A)	Make apple thinning applications using ground equipment. 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 spray oil or 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) DuPont™ VYDATE® L per acre per season. • Minimum retreatment interval is 5 days. • Do not make more than 4 applications per season to apples (total for insect control and thinning uses). • Do not graze livestock in treated orchards. • Do not apply 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 AND PLANTAINS – PUERTO RICO ONLY

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Bananas, Plantains	Nematodes (*Radopholus similis*, and species of *Pratylenchus, Meloidogyne, Rotylenchulus, Helicotylenchus*), and Banana Corm Borer (*Cosmopolites sordidus*)	**Spot Gun**: *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.	**Spot Gun Treatments**: Apply using a spot gun applicator with a coarse spray nozzle. 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	• Do not apply more than 16 pt (2 gal) DuPont™ VYDATE® L per acre per year. • Minimum retreatment interval is 21 days unless a longer interval is stated in the Application Timing and Method section. • Do not apply more than 4 applications per season. • Do not use VYDATE® L with heavy infestations of nematodes. • VYDATE® L is most effective when spot gun applications are made at the beginning of the rainy season, or when the soil moisture is adequate. • Before making applications, remove weeds and leaf trash from the treatment area. • Do not permit animals to graze or forage in treated areas. • **Spot gun**: If applied to soil surface around pseudostem then incorporate product into soil by water or mechanical means. • **Drip**: For best results, buffer the injection solution of VYDATE® L to a pH of 5. Monitor nematode populations via soil sampling. Begin treatments when the local threshold is exceeded.
		Drip Chemigation: Apply 1/2 to 2/3 gal/A through a drip application system. Make the injection of VYDATE® L into the irrigation cycle at a time which will result in the entire root zone being treated.	**Drip Chemigation Treatments:** **New plantings**: Start applications 2 to 3 months after planting. Make a repeat application 21 days later. Make additional application(s), 2-3 months later. **Existing plantings**: Make two applications 21 days apart at the start of new root growth and then 2-3 months later make additional application(s). Minimum application interval is 21 days.		

CITRUS – ALL STATES OR AS SPECIFIED

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
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 by ground 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 apply more than 24 pt (3 gal) DuPont™ VYDATE® L per acre per year. • Do not apply more than 8 pt/A (1 gal) in any 30 day period. • Minimum retreatment interval is 14 days unless a longer interval is stated in the Application Timing and Method section. • Do not make more than six applications per year. • Do not graze livestock in treated orchards. • This product is toxic to bees. Do not apply 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. • For drip and microsprinkler applications, best results occur when VYDATE® L is introduced into the irrigation water during the last third of the irrigation cycle. Run irrigation systems a sufficient amount of time prior to VYDATE® L injection to have all emitters functioning properly. Following injection, flush the system for a minimum of 10 minutes and a maximum of 20 minutes after the last emitter contains VYDATE® L.
	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 by ground or air in early spring before bloom when new growth is 3" to 4" long. Apply at petal fall (to prevent fruit scarring) and during midsummer (to protect new growth on young trees).		
(CA)	Citrus Nematode suppression	2 to 8 pt/A by drip chemigation; 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. Adjust flow from injection equipment to use contents over a period of not less than 1 hour.		
(FL)	Citrus & Sting Nematode suppression	4 to 8 pt by microsprinkler chemigation per grove acre; use 30-45 day intervals. Make 3 to 6 applications per year.	Initiate treatments in early spring and/or early fall for optimal response.		

NON-BEARING FRUIT – (AS SPECIFIED)

Refer to the appropriate table for use directions in your state and apply DuPont™ VYDATE® L as instructed

Non Bearing Fruit in AL, FL, GA, IN, KY, MS, NC, OH, SC, TX (EXCEPT the Rio Grande Valley of Texas as specified in the "General Information" section of this label), and WV

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Nonbearing Fruit* Apple, Cherry, Citrus, Peach, Pear	Mites, Insects (including Aphids, Leafhoppers, Leafminers, Thrips)	*Foliar Treatment*: 2 to 4 pt/A in at least 100 gal water/A.	Apply by air or ground when insect infestations are at an economic level. For best results, use higher spray volumes to achieve maximum coverage.	—	• Do not apply more than 28 pt (3.5 gal) VYDATE® L per acre per season. • Minimum retreatment interval is 14 days. • Do not make more than 5 foliar applications per season (or 6 total applications per season including a preplant application). • 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 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.
	Nematodes [including Root Knot (except Javanese), Sting Lesion, and Burrowing Nematodes]	*Preplant Soil Incorporated Treatment*: 1 gal/A in at least 20 gal water/A. If the preplant soil incorporated treatment is applied as a band treatment, use proportionately less material.	Apply by ground within 24 hr before transplanting and thoroughly incorporate to a depth of 4 to 8 inches immediately after application.		
* Nonbearing trees that will not bear fruit within 12 months after application.		*Foliar Treatment Alone or as Supplement to Earlier Soil Treatment*: 2 to 4 pt/A in at least 100 gal water/A.	Apply by ground 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.		

Non Bearing Fruit in AR, KS and OK					
Crop	**Insect**	**Application Rate**	**Application Timing and Method**	**Last Application (days to harvest)**	**Further Use Information**
Nonbearing Fruit* Apple, Cherry, Citrus, Peach, Pear * Non-bearing trees that will not bear fruit within 12 months after application.	Mites, Insects (including Aphids, Leafhoppers, Leafminers, Thrips)	*Foliar Treatment*: 2 to 4 pt/A in at least 100 gal water/A.	Apply by air or ground when insect infestations are at an economic level. For best results, use higher spray volumes to achieve maximum coverage.	—	• Do not apply more than 20 pt (2.5 gal) VYDATE® L per acre per season. • Minimum retreatment interval is 14 days. • Do not make more than 3 foliar applications per season (or 4 total applications per season including a preplant application). • Since varieties are numerous, continually change, and may respond differently to DuPont™ 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 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.
	Nematodes [including Root Knot (except Javanese), Sting Lesion, and Burrowing Nematodes]	*Preplant Soil Incorporated Treatment:* 1 gal/A in at least 20 gal water/A. If the preplant soil incorporated treatment is applied as a band treatment, use proportionately less material.	Apply by ground within 24 hr before transplanting and thoroughly incorporate to a depth of 4 to 8 inches immediately after application.		
		Foliar Treatment Alone or as Supplement to Earlier Soil Treatment: 2 to 4 pt/A in at least 100 gal water/A.	Apply by ground three times on a 2 to 3 week schedule. Apply the first spray at first full leaf or when plant is in active growth phase.		

Non Bearing Fruit in ALL OTHER STATES and the Rio Grande Valley of TX (as specified in the "General Information" section of this label) EXCEPT THE PREVIOUSLY SPECIFIED STATES					
Crop	**Insect**	**Application Rate**	**Application Timing and Method**	**Last Application (days to harvest)**	**Further Use Information**
Nonbearing Fruit* Apple, Cherry, Citrus, Peach, Pear * Non-bearing trees that will not bear fruit within 12 months after application.	Mites, Insects (including Aphids, Leafhoppers, Leafminers, Thrips)	*Foliar Treatment*: 2 to 4 pt/A in 100 gal water/A or 4 to 8 pt/A in a maximum of 300 gal water/A	Apply by air or ground every 7-14 days when insect infestations are at an economic level. For best results, use higher spray volumes to achieve maximum coverage.	—	• Do not exceed 4 pints per acre per application when applied by air. • Do not apply more than 32 pt (4 gal) VYDATE® L per acre per season. • Minimum retreatment interval is 7 days unless a longer interval is stated in the Application Timing and Method section. • Do not make more than 8 applications per season. • Since varieties are numerous, continually change, and may respond differently to DuPont™ 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 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.
	Nematodes [including Root Knot (except Javanese), Sting Lesion, and Burrowing Nematodes]	*Preplant Soil Incorporated Treatment*: 2 gal/A in at least 20 gal water/A. If the preplant soil incorporated treatment is applied as a band treatment, use proportionately less material.	Apply by ground within 24 hr before transplanting and thoroughly incorporate to a depth of 4 to 8 inches immediately after application.		
		Foliar Treatment Alone or as Supplement to Earlier Soil Treatment: 2 to 4 pt/A in 100 gal water applied as a diluted spray; do not exceed 8 pt/A	Apply by ground 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.		

PEARS – ALL STATES (EXCEPT CA - NOT REGISTERED FOR USE IN CALIFORNIA)

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
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	• Do not apply at bloom or within 30 days after full bloom, as fruit thinning may occur. • Do not apply more than 8 pt (1 gal) DuPont™ VYDATE® L per acre per season. • Do not make more than 1 application per season. • This product has been tested on Bartlett and d'Anjou varieties of pears without russeting. Use on other varieties on a small scale until the possibility of russeting has been evaluated. • Do not graze livestock in treated orchards.

PINEAPPLES – ALL STATES (EXCEPT CA - NOT REGISTERED FOR USE IN CALIFORNIA)

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Pineapple	Reniform and Root Knot Nematodes	*Planting Treatment*: 1/2 to 1 gal/A by drip chemigation or 1 gal/A as a broadcast ground application	Apply within 1 week after planting. Soil broadcast treatments must be incorporated into soil by water or mechanical means.	30	• Do not apply more than 32 pt (4 gal) VYDATE® L per acre per year. • Minimum retreatment interval is 14 days. • Do not make more than 8 applications per season. • Do not graze treated fields within 30 days of application. • Supplemental foliar and drip applications are most effective if crops were treated at planting with VYDATE® L or soil was treated before planting with a standard fumigant. • Best results occur under optimum soil moisture conditions.
		Foliar (Ground) Treatment as Extension of Planting Treatment: 1/2 to 1 gal/A in sufficient water	Apply at 2 to 4 week intervals. Begin applications when pineapple roots begin to grow following planting.		
		Drip Chemigation: 1/4 to 1 gal/A	Apply at 2, 4, or 8 week intervals. Begin applications when pineapple roots begin to grow following planting.		

SPECIFIC USES—VEGETABLES

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

CARROTS – (EXCEPT CA – NOT REGISTERED FOR USE IN CALIFORNIA)

Refer to the appropriate table for use directions in your state and apply VYDATE® L as instructed

Carrots in AR, CO, IA, IL, KS, LA, MN, MO, MS, MT, ND, NE, OK, SD, TN, TX (EXCEPT the Rio Grande Valley of Texas as specified in the "General Information" section of this label.), WI, and WY

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Carrots	Root Knot (Except Javanese), Lesion, Sting, Spiral and Stunt Nematodes	*Pre/post plant Soil Treatment*: 1 gal/A in at least 20 gal water/A as a soil broadcast or banded treatment	Apply within 1 week of planting if applied preplant or before emergence if applied post plant. Thoroughly incorporate at least 2 inches deep into the soil.	14	• Do not apply more than 20 pt (2.5 gal) VYDATE® L per acre per season. • Minimum retreatment interval is 14 days. • Do not make more than 3 soil directed post emergence applications per season (or 4 total applications per season including a preplant application).
		Chemigation: 1 gal/A in sufficient water to ensure uniform coverage	Apply before crop emergence.		
		In-Furrow Treatment: 1 gal/A in at least 20 gal water/A	Apply in the seed furrow during planting.		
	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. Soil applications must be incorporated into soil by water or mechanical means to a depth of at least 2 inches.		

Carrots in ALL OTHER STATES and the Rio Grande Valley of TX (as specified in the "General Information" section of this label) EXCEPT CA AND THE PREVIOUSLY SPECIFIED STATES					
Crop	**Insect**	**Application Rate**	**Application Timing and Method**	**Last Application (days to harvest)**	**Further Use Information**
Carrots	Root Knot (Except Javanese), Lesion, Sting, Spiral and Stunt Nematodes	*Pre/post plant Soil Treatment*: 1 to 2 gal/A in at least 20 gal water/A as a soil broadcast treatment	Apply within 1 week of planting if applied preplant or before emergence if applied post plant. Thoroughly incorporate at least 2 inches deep into the soil.	14	• Do not apply more than 32 pt (4 gal) DuPont™ VYDATE® L per acre per season. • Minimum retreatment interval is 14 days. • Do not make more than 8 applications per season.
		Chemigation: 1 gal/A in sufficient water to ensure uniform coverage	Apply before crop emergence.		
		In-Furrow Treatment: 1 to 2 gal/A in at least 20 gal water/A	Apply in the seed furrow during planting.		
	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. Soil applications must be incorporated into soil by water or mechanical means to a depth of at least 2 inches.		

CELERY – (AS SPECIFIED)

Refer to the appropriate table for use directions in your state and apply DuPont™ VYDATE® L as instructed

Celery in MI, OH, PA, AND TX (EXCEPT the Rio Grande Valley of TX as specified in the "General Information" section of this label)

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Celery	Root Knot Nematode (*Meloidogyne Hapla*) and Pin Nematode	*Transplant Treatment*: 1/2 to 1 gal/A in at least 100 gal water/A	Apply by ground immediately after transplanting celery seedlings in the field.	21	• Do not apply more than 24 pt (3 gal) VYDATE® L per acre per season. • Minimum retreatment interval is 14 days. • Do not make more than 4 foliar applications per season (or 5 total applications per season including a transplant or preplant application). • Soil applications must be incorporated immediately into soil to a depth of 2 inches by water or mechanical means • If furrow irrigation is to be used following a soil application, apply VYDATE® L as two bands of 1 to 2 inches width each directed to the bed shoulders. Place bands a few inches below the anticipated water line when furrows are full. • Do not apply narrow band concentrated spray directly over young celery plants unless treatment is followed by sprinkler irrigation. • Under very high nematode populations, use of another effective soil treatment product at or before planting may be necessary. These can be followed by foliar or soil directed applications of VYDATE® L to extend or maintain protection. Supplemental applications of VYDATE® L should begin when nematode populations begin to recover. The timing of the first VYDATE® L application will depend on the longevity of protection offered by the product applied to the soil at or before planting.
		Preplant Row Soil Treatment: 1 gal/A in 20 gal water/A applied in an 8" to 16" wide band	Thoroughly incorporate to a depth of 4" in soil.		
		Foliar Treatment as Extension of Preplant Treatment: 4 pt/A as a directed spray in at least 20 gal water/A	Apply by ground two sprays 2 to 3 weeks apart beginning 2 to 3 weeks after transplanting.		
	Carrot Weevil	*Foliar Treatment Alone or as Extension of Preplant Nematode Treatment:* 4 pt/A as a soil directed spray in at least 20 gal water/A	Apply by ground two or three sprays 2 to 3 weeks apart beginning 2 to 3 weeks after transplanting. Incorporate into soil using water or mechanical means.		

Celery in AZ, CA, FL and the Rio Grande Valley of TX (as specified in the "General Information" section of this label)					
Crop	**Insect**	**Application Rate**	**Application Timing and Method**	**Last Application (days to harvest)**	**Further Use Information**
Celery (AZ, CA, FL)	Serpentine Leafminers (except *Liriomyza trifolii*)	2 to 4 pt/A as a foliar spray; use at least 10 gal water/A for aerial application *Foliar Ground Treatment*: 2 to 4 pt/A as a 1-2 inch band directly over or near base of celery plants.	Apply by ground or air 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) DuPont™ VYDATE® L per acre per season. • Minimum retreatment interval is 5 days unless a longer interval is stated in the Application Timing and Method section. • Do not make more than 8 applications per season. • Soil applications must be incorporated immediately into soil to a depth of at least 2 inches by water or mechanical means. • If furrow irrigation is to be used following a soil application, apply VYDATE® L as two bands of 1 to 2 inches width each directed to the bed shoulders. Place bands a few inches below the anticipated water line when furrows are full. • Do not apply narrow band concentrated spray directly over young celery plants unless treatment is followed by sprinkler irrigation. • Soil injection: Application must be made at least 2 inches deep to moist soil and must be followed as soon as possible with irrigation water to activate the VYDATE® L. • Under very high nematode populations, use of another effective soil treatment product at or before planting may be necessary. These can be followed by foliar or soil directed applications of VYDATE® L to extend or maintain protection. Supplemental applications of VYDATE® L should begin when nematode populations begin to recover. The timing of the first VYDATE® L application will depend on the longevity of protection offered by the product applied to the soil at or before planting.
(FL and Rio Grande Valley of TX)	Root Knot Nematode (*Meloidogyne Hapla*) and Pin Nematode	*Transplant Treatment*: 1/2 to 1 gal/A in at least 100 gal water/A	Apply by ground immediately after transplanting celery seedlings in the field.		
		Foliar Treatment: 1 gal/A in at least 100 gal water/A as a directed spray	Apply by ground first spray 3 weeks after transplanting; apply second spray 3 weeks after first treatment.		
		Preplant Row Soil Treatment: 2 gal/A in 20 gal water/A applied in an 8" to 16" wide band	Thoroughly incorporate to a depth of 4" in soil.		
		Foliar Treatment as Extension of Preplant Treatment: 4 pt/A as a directed spray in at least 20 gal water/A	Apply by ground two sprays 2 to 3 weeks apart beginning 2 to 3 weeks after transplanting.		
	Carrot Weevil	*Foliar Treatment Alone or as Extension of Preplant Nematode Treatment:* 4 pt/A as a soil directed spray in at least 20 gal water/A	Apply by ground two or three sprays 2 to 3 weeks apart beginning 2 to 3 weeks after transplanting. Incorporate into soil using water or mechanical means.		
(CA)	Root Knot and Stubby Root Nematodes	*Band Treatment or Soil Injection:* 4 pt/A as a 1 - 2 inch band directly over plant line(s) or near base of transplants.	Apply by ground 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.		

CUCUMBER, CANTALOUPE, HONEYDEW MELON, WATERMELON, SQUASH, PUMPKIN – (AS SPECIFIED)

Refer to the appropriate table for use directions in your state and apply DuPont™ VYDATE® L as instructed

Cucumber, Cantaloupe, Honeydew Melon, Watermelon, Squash, Pumpkin in AL, FL, GA, MS, NC, SC and TX (EXCEPT the Rio Grande Valley of TX as specified in the "General Information" section of this label)

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Cucumber, Cantaloupe, Honeydew Melon, Watermelon, Squash, Pumpkin	Root Knot (Except Javanese), Lesion, Ring, Sting, and Stunt Nematodes.	*Preplant and Planting Soil Treatment:* 1/2 to 1 gal/A as a broadcast or band treatment; for band treatment, use proportionately less	Following application, but before planting, thoroughly incorporate 2" to 4" into soil.	1	• Do not apply more than 16 pt (2 gal) per acre per season. • Minimum retreatment interval is 7 days unless a longer interval is stated in the Application Timing and Method section. • The maximum number of applications per season is determined by the preplant/at plant application rate. - If a VYDATE® L preplant or at plant application less than or equal to 1/2 gal/A is made: Do not make more than 3 foliar, drip chemigation, or soil injection applications per season (or 4 total including preplant or at plant application). - If a VYDATE® L preplant or at plant application of greater than 1/2 gal/A is made: Do not make more than 2 foliar, drip chemigation, or soil injection applications per season (or 3 total including preplant or at plant application). • Under very high nematode populations, use of another effective soil treatment product at or before planting may be necessary. These can be followed by foliar, drip or soil injection applications of VYDATE® L to extend or maintain protection. Supplemental applications of VYDATE® L should begin when nematode populations begin to recover. The timing of the first VYDATE® L application will depend on the longevity of protection offered by the product applied to the soil at or before planting. • Drip: For best results, introduce the VYDATE® L into the irrigation water during the middle one-third of the irrigation cycle. Adjust the flow from the injection equipment to apply the VYDATE® L over a period of 30 minutes to one hour. Allow at least 24 hours between the VYDATE® L drip application and the next irrigation cycle. • Soil injection: Application must be at least 2 inches deep, made to moist soil and must be followed as soon as possible with either sprinkler or furrow irrigation water to activate the VYDATE® L.
		Foliar Treatment Alone or as Extension to Preplant and Planting Treatment: 2 to 4 pt/A	Apply by air or ground with the 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.		
	Liriomyza spp. Leafminers, Aphids Thrips	*Foliar Treatment:* 2 to 4 pt/A	Where Leaf Miner infestations occur annually, initiate air or ground treatment schedule 2 to 4 weeks after planting. Otherwise apply when insects first appear. If a second application is needed, wait at least 7 days before repeating foliar treatment. Apply a low rate for light infestations; apply a high rate for severe infestations.		
	Root Knot (Except Javanese) Nematode - supplemental control	*Supplemental Control - Drip Chemigation and Soil Injection Systems*: 2 to 4 pt/A of plant bed *Refer to the rate table at the end of the vegetable section.	For supplemental control of Root Knot Nematodes (*Meloidogyne incognita*) following a labeled preplant application of a soil fumigant. Initiate VYDATE® L treatments either at the time of transplanting or within 14 days of transplanting. Make a second and third application on a 10 to 14 day interval.		
	Liriomyza spp. Leafminers (suppression)	*Drip Chemigation and Soil Injection Systems*: 2 to 4 pt/A of plant bed *Refer to the rate table at the end of the vegetable section.	Initiate treatments either at the time of transplanting or within 14 days following transplanting. Make a second and third application on 10-14 day intervals.		

Cucumber, Cantaloupe, Honeydew Melon, Watermelon, Squash, Pumpkin in ALL OTHER STATES and the Rio Grande Valley of TX (as specified in the "General Information" section of this label) EXCEPT THE PREVIOUSLY SPECIFIED STATES

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Cucumber, Cantaloupe, Honeydew Melon, Watermelon, Squash, Pumpkin	Root Knot (Except Javanese), Lesion, Ring, Sting, and Stunt Nematodes.	*Preplant and Planting Soil Treatment*:1 to 2 gal/A as a broadcast or band treatment; for band treatment, use proportionately less	Following application, but before planting, thoroughly incorporate 2" to 4" into soil. Use the low rate for light infestations.	1	• Do not apply more than 24 pt (3 gal) per acre per season. • Minimum retreatment interval is 7 days unless a longer interval is stated in the Application Timing and Method section. • Do not make more than 8 applications per season. • Under very high nematode populations, use of another effective soil treatment product at or before planting may be necessary. These can be followed by foliar, drip or soil injection applications of VYDATE® L to extend or maintain protection. Supplemental applications of VYDATE® L should begin when nematode populations begin to recover. The timing of the first VYDATE® L application will depend on the longevity of protection offered by the product applied to the soil at or before planting. • Drip: For best results, introduce the VYDATE® L into the irrigation water during the middle one-third of the irrigation cycle. Adjust the flow from the injection equipment to apply the VYDATE® L over a period of 30 minutes to one hour. Allow at least 24 hours between the VYDATE® L drip application and the next irrigation cycle. • Soil injection: 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.
		Foliar Treatment Alone or as Extension to Preplant and Planting Treatment: 2 to 4 pt/A	Apply by air or ground with the 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.		
	Liriomyza spp. Leafminers, Aphids Thrips	*Foliar Treatment*: 2 to 4 pt/A	Where Leaf Miner infestations occur annually, initiate air or ground treatment schedule 2 to 4 weeks after planting. Otherwise apply when insects first appear. If additional applications are needed, wait at least 7 days before repeating foliar treatment. Apply a low rate for light infestations; apply a high rate for severe infestations.		
East of Rockies	Root Knot (Except Javanese) Nematode - supplemental control	*Supplemental Control - Drip Chemigation and Soil Injection Systems*: 2 to 4 pt/A of plant bed *Refer to the rate table at the end of the vegetable section.	For supplemental control of Root Knot Nematodes (*Meloidogyne incognita*) following a labeled preplant application of a soil fumigant. Initiate VYDATE® L treatments either at the time of transplanting or within 14 days of transplanting. Make sequential applications on a 10 to 14 day interval.		
East of Rockies	*Liriomyza spp.* Leafminers (suppression)	*Drip Chemigation and Soil Injection Systems*: 2 to 4 pt/A of plant bed *Refer to the rate table at the end of the vegetable section.	Initiate treatments either at the time of transplanting or within 14 days following transplanting. Make sequential applications at 10 to 14 day intervals.		
West of the Rockies	Root Knot (Except Javanese), Lesion, Ring, Sting and Stunt Nematodes	*Supplemental Control - Drip Chemigation Systems and Soil Injection Systems*: 2 to 4 pt/A of plant bed. *Refer to the rate table at the end of the vegetable section.	Initiate treatments either at the time of seedling emergence or transplanting, or within 14 days of seedling emergence or transplanting. Make sequential applications on a 14 to 21 day interval.		

EGGPLANT – AS SPECIFIED

Refer to the appropriate table for use directions in your state and apply DuPont™ VYDATE® L as instructed

Eggplant in AL, CO, FL, GA, IA, IL, IN, KY, MI, MN, MO, MS, MT, NC, ND, NE, OH, SC, SD, TN, WI, WV, and WY

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Eggplant	Aphids, Colorado Potato Beetle, Leafminers, Mites	*Foliar Treatment:* 2 to 4 pt/A	Apply by ground equipment when insects first appear. Repeat application at 10 days to 3 week intervals.	1	• Do not apply more than 16 pt (2 gal) VYDATE® L per acre per season. • Minimum retreatment interval is 10 days unless a longer interval is stated in the Application Timing and Method section. • Do not make more than 4 foliar, drip, or soil injection applications per season (or 6 total applications including two postplant soil treatments.) • Under very high nematode populations, use of another effective soil treatment product at or before planting may be necessary. These can be followed by foliar, drip or soil injection applications of VYDATE® L to extend or maintain protection. Supplemental applications of VYDATE® L should begin when nematode populations begin to recover. The timing of the first VYDATE® L application will depend on the longevity of protection offered by the product applied to the soil at or before planting. • Drip: For best results, introduce the VYDATE® L into the irrigation water during the middle one-third of the irrigation cycle. Adjust the flow from the injection equipment to apply the VYDATE® L over a period of 30 minutes to one hour. Allow at least 24 hours between the VYDATE® L drip application and the next irrigation cycle. • Soil injection: Application must be made at least 2 inches deep to moist soil and must be followed as soon as possible with either sprinkler or furrow irrigation water to activate the VYDATE® L.
	Nematodes	*Soil Treatment:* 4 pt/A as a band treatment plus foliar treatment as outlined below.	Apply 2 to 3 weeks after transplanting. Repeat application 2 to 4 weeks after first application. Soil applications must be incorporated into soil by water or by mechanical means at least 2 inches deep.	7	
		Foliar Treatment: 4 pt/A as a foliar spray.	*Foliar Treatment:* Apply twice by ground equipment at 10 days to 2 week intervals 2 to 4 weeks after the second soil treatment.		
	Root Knot (Except Javanese) Nematode - supplemental control	*Supplemental Control - Drip Chemigation and Soil Injection Systems*: 2 to 4 pt/A of plant bed *Refer to the rate table at the end of the vegetable section.	For supplemental control of Root Knot Nematodes (*Meloidogyne incognita*) following a labeled preplant application of a soil fumigant. Initiate VYDATE® L treatments either at the time of transplanting or within 14 days of transplanting. Make sequential applications on a 10 to 14 day interval.		

Eggplant in AR, KS, LA, OK, and TX (EXCEPT the Rio Grande Valley of TX as specified in the "General Information" section of this label)					
Crop	**Insect**	**Application Rate**	**Application Timing and Method**	**Last Application (days to harvest)**	**Further Use Information**
Eggplant	Aphids, Colorado Potato Beetle, Leafminers, Mites	*Foliar Treatment:* 2 to 4 pt/A	Apply by ground equipment when insects first appear. Repeat application at 10 days to 3 week intervals.	1	• Do not apply more than 12 pt (1.5 gal) DuPont™ VYDATE® L per acre per season. • Minimum reetreatment interval is 10 days. • Do not make more than 3 foliar, drip, or soil injection applications per season. • Drip: For best results, introduce the VYDATE® L into the irrigation water during the middle one-third of the irrigation cycle. Adjust the flow from the injection equipment to apply the VYDATE® L over a period of 30 minutes to one hour. Allow at least 24 hours between the VYDATE® L drip application and the next irrigation cycle. • Soil injection: Application must be made at least 2 inches deep to moist soil and must be followed as soon as possible with either sprinkler or furrow irrigation water to activate the VYDATE® L.
	Root Knot (Except Javanese) Nematode - supplemental control	*Supplemental Control - Drip Chemigation and Soil Injection Systems*: 2 to 4 pt/A of plant bed *Refer to the rate table at the end of the vegetable section.	For supplemental control of Root Knot Nematodes (*Meloidogyne incognita*) following a labeled preplant application of a soil fumigant. Initiate VYDATE® L treatments either at the time of transplanting or within 14 days of transplanting. Applications should begin when nematode populations begin to recover. The timing of the first VYDATE® L application will depend on the longevity of the protection offered by the product applied to the soil. Make sequential applications on a 10 to 14 day interval.	7	

Eggplant in ALL OTHER STATES and the Rio Grande Valley of TX (as specified in the "General Information" section of this label) EXCEPT THE PREVIOUSLY SPECIFIED STATES					
Crop	**Insect**	**Application Rate**	**Application Timing and Method**	**Last Application (days to harvest)**	**Further Use Information**
Eggplant	Aphids, Colorado Potato Beetle, Leafminers, 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	• NOT REGISTERED IN CALIFORNIA FOR USE ON NEMATODES • Do not apply more than 24 pt (3 gal) DuPont™ VYDATE® L per acre per season. • Minimum retreatment interval is 7 days unless a longer interval is stated in the Application Timing and Method section. • Do not make more than 8 applications per season. • Under very high nematode populations, use of another effective soil treatment product at or before planting may be necessary. These can be followed by foliar, drip or soil injection applications of VYDATE® L to extend or maintain protection. Supplemental applications of VYDATE® L should begin when nematode populations begin to recover. The timing of the first VYDATE® L application will depend on the longevity of protection offered by the product applied to the soil at or before planting.. • Drip: For best results, introduce the VYDATE® L into the irrigation water during the middle one-third of the irrigation cycle. Adjust the flow from the injection equipment to apply the VYDATE® L over a period of 30 minutes to one hour. Allow at least 24 hours between the VYDATE® L drip application and the next irrigation cycle. • Soil injection: Application must be made at least 2 inches deep to moist soil and must be followed as soon as possible with either sprinkler or furrow irrigation water to activate the VYDATE® L.
	Nematodes	*Soil Treatment*: 1 gal/A as a band treatment plus foliar treatment as outlined below.	Apply 2 to 3 weeks after transplanting. Repeat application 4 weeks after first application. Soil applications must be incorporated into soil by water or by mechanical means.	7	
		Foliar Treatment: 4 pt/A as a foliar spray.	*Foliar Treatment*: Apply twice by ground equipment at 1 to 2 week intervals 2 to 4 weeks after the second soil treatment.		
	Root Knot (Except Javanese) Nematode - supplemental control	*Supplemental Control - Drip Chemigation and Soil Injection Systems*: 2 to 4 pt/A of plant bed *Refer to the rate table at the end of the vegetable section.	For supplemental control of Root Knot Nematodes (*Meloidogyne incognita*) following a labeled preplant application of a soil fumigant. Initiate VYDATE® L treatments either at the time of transplanting or within 14 days of transplanting. Make sequential applications on a 10 to 14 day interval.		

GARLIC – OREGON AND CALIFORNIA ONLY

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Garlic (OR & CA)	Onion Thrips, Western Flower Thrips	2 to 4 pt/A (min 5 gal water/A by air)	Apply by ground, chemigation or air before populations start to build when there are 1 to 3 thrips per plant. Repeat applications on a 7-10 day schedule may be needed. VYDATE® L may not provide adequate control of higher populations. Add a wetting agent to improve coverage.	14	• Do not apply more than 18 pints (2 1/4 gal) DuPont™ VYDATE® L per acre per season. • Minimum retreatment interval is 7 days unless a longer interval is stated in the Application Timing and Method section. • Do not make more than 8 applications per season. • May not be effective on infested seed or bulb pieces used for planting. • Soil applications must be incorporated into soil by water or mechanical means.
(CA)	Stubby Root, Stem, and Bulb Nematodes (suppression)	1/2 to 1 gal/A as an in-furrow spray	Apply by ground at planting.		
		Postemergence: 1/2 to 1 gal/A in 20 to 40 gal water/A as a 1 - 2 inch band placed on soil surface at base of plants or 1/2 to 1 gal/A as a soil shank injection application or 1/2 to 1 gal/A via chemigation in pressurized sprinkler systems.	*Postemergence*: Make 2 to 3 applications by ground or chemigation 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 sprinkler chemigation, use a minimum of 0.75 acre inch of water to thoroughly incorporate the VYDATE® L into the root zone. For solid set and wheel-line systems, inject the appropriate amount of VYDATE® L in the middle of the irrigation cycle. *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 VYDATE® L.	
(OR)	Stubby Root Nematode (suppression)	*At Planting*: 3/4 to 1 gal/A as a ground in-furrow drench in 100 to 150 gal water /A or 1 1/2 to 2 gal /A as a ground in- furrow band spray in 20 to 50 gal water/A.	Incorporate VYDATE® L ground or air applications with 1/2 to 1 inch of moisture as soon as possible after application. Crop response is usually better from application made to seedling plants (flag leaf to 2 to 3 true leaf).		
		Postemergence: broadcast or band by ground at 1 gal /A in 20 to 50 gal. water /A or broadcast by air at 1/2 gal/A or 1 gal/A via chemigation in pressurized sprinkler systems.	Apply VYDATE® L in sequential treatments at 14 to 21 day intervals as long as the total rate per acre per crop does not exceed 2 1/4 gallons. *Sprinkler Chemigation*: Apply VYDATE® L by 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. For solid set or wheel line systems, inject the appropriate amount of VYDATE® L during the middle third of the irrigation cycle.		

GINGER ROOT – HAWAII ONLY

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Ginger Root (HI)	Root Knot, Sting, Lesion and Burrowing Nematodes	*Preplant soil treatment*: apply 1 to 2 gal/A (broadcast); for in-furrow band treatment use proportionately less based on treated area.	Following application incorporate 2 to 4 inches into the soil before planting.	30	• Do not apply more than 5 gals. DuPont™ VYDATE® L per acre per season. • Minimum rertreatment interval is 30 days. • Do not make more than 8 applications of VYDATE® L per acre per crop. • Do not apply by chemigation.
		Postplant treatment: apply 2 to 4 pts/A by ground in a band application along the sides of the ginger row or as a foliar application to the ginger plants.	Apply at monthly or every other month intervals		

ONIONS (DRY BULB ONLY) – CA, ID, MI, NM, OR, TX AND WA ONLY

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
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 by ground or air before populations start to build when there are 1 to 3 thrips per plant. Repeat applications at 5-7 day intervals. For light infestations, use a low rate, increasing the rate as the infestation increases. VYDATE® L may not provide adequate control of higher populations.	14	• Do not harvest tops of treated onions. • Do not use on green onions. • Do not apply more than 18 pints (2 1/4 gal) DuPont™ VYDATE® L per acre per season. • Minimum retreatment interval is 5 days unless a longer interval is stated in the Application Timing and Method section. • Do not make more than 8 applications per season. • May not be effective on infested seed or bulb pieces used for planting. • Soil applications must be incorporated into soil by water or mechanical means. • Soil injection: Application must be made at least 2 inches deep to moist soil and must be followed as soon as possible with irrigation water to activate the VYDATE® L.
(CA, OR, ID, WA)	Onion Thrips, Western Flower Thrips	2 to 4 pt/A (min 5 gal water/A by air)	Apply by ground, chemigation or air before populations start to build when there are 1 to 3 thrips per plant. Repeat applications on a 7-10 day schedule, as needed. VYDATE® L may not provide adequate control of higher populations. 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	Apply by ground at planting.		
		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.	*Postemergence:* Apply by ground at flag leaf and 14 to 21 days later. Water is required to move VYDATE® L into the root zone. For best results, follow the post emergence applications by overhead irrigation or rainfall (1/4 to 1 acre inch) as soon as possible after application.		
(ID, OR, WA)	Stubby Root Nematode (suppression)	*At Planting*: 3/4 to 1 gal/A as a ground in-furrow drench in 100 to 150 gal water /A or 1 1/2 to 2 gal /A as a ground in- furrow band spray in 20 to 50 gal water/A.	Incorporate VYDATE® L ground or air applications with 1/2 to 1 inch of moisture as soon as possible after application. Crop response is usually better from application made to seedling plants (flag leaf to 2 to 3 true leaf).		
		Postemergence: ground broadcast or band in the crop row at 1 gal /A in 20 to 50 gals. water/A or broadcast by air at 1/2 gal/A. or 1 gal/A by chemigation in pressurized sprinkler systems.	VYDATE® L can be applied in sequential treatments at 14-21 day intervals as long as the total rate per acre per crop does not exceed 2 1/4 gallons *Sprinkler Chemigation*: Apply VYDATE® L by 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. For solid set or wheel line systems, inject the appropriate amount of VYDATE® L during the middle third of the irrigation cycle.		
(CA)	Stubby Root, Stem, and Bulb Nematodes	1/2 to 1 gal/A as an in-furrow spray	Apply by ground at planting.		
		Postemergence: 1/2 to 1 gal/A in 20 to 40 gal water/A as a 1 - 2 inch band placed on soil surface at base of plants or 1/2 to 1 gal/A as a soil shank injection application or 1/2 to 1 gal via chemigation in pressurized sprinkler systems.	*Postemergence*: Make 2 to 3 applications by ground or chemigation 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 in the middle of the irrigation cycle. *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 VYDATE® L.		

PEPPERS – (AS SPECIFIED)

Refer to the appropriate table for use directions in your state and apply DuPont™ VYDATE® L as instructed.

Peppers in AR, KS, LA, MS, OK, and TX (EXCEPT the Rio Grande Valley of TX as specified in the "General Information" section of this label)

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	*Transplant Water Treatment*: 2 pt/A in at least 200 gal of transplant water/A *Drip Chemigation as a Supplement to Transplant Treatment*: 2 pts /A in 40 to 200 gal of water /A.* *Foliar Treatment as Supplement to Transplant Treatment*: 2 pt/A *Refer to the rate table at the end of the vegetable section.	Apply by ground during transplanting operation. When nematode populations are low to moderate, begin with a transplant water treatment and supplement with drip irrigation or foliar sprays by ground or air. Apply first drip irrigation or foliar spray 14 days after transplant. Repeat at 10 days to 2 week intervals to control nematodes and insects.	7	• Do not apply more than 12 pints (1.5 gal) VYDATE® L per acre per season. • Minimum retreatment interval is 10 days. • Do not make more than 4 post transplant applications per season (or 5 total applications per season including a transplant application.) • 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. • Under very high nematode populations, use of another effective soil treatment product at or before planting may be necessary. These can be followed by foliar, drip or soil injection applications of VYDATE® L to extend or maintain protection. Supplemental applications of VYDATE® L should begin when nematode populations begin to recover. The timing of the first VYDATE® L application will depend on the longevity of protection offered by the product applied to the soil at or before planting. • Drip: For best results, introduce the VYDATE® L into the irrigation water during the middle one-third of the irrigation cycle. Adjust the flow from the injection equipment to apply the VYDATE® L over a period of 30 minutes to one hour. Allow at least 24 hours between the VYDATE® L drip application and the next irrigation cycle. • Soil injection: Application must be made at least 2 inches deep to moist soil and must be followed as soon as possible with either sprinkler or furrow irrigation water to activate the VYDATE® L.
	Green Peach Aphid, *Liriomyza spp.* Leafminer (suppression), Pepper Weevil** and Thrips	*Foliar Treatment*: 2 pt/A *Drip Chemigation or Soil Injection Systems*: 2 pt/A of plant bed. *Refer to the rate table at the end of the vegetable section.	Apply by ground or air when insects first appear. Repeat at 10 days to 2 week intervals. Or apply by drip chemigation or soil injection systems. Initiate treatments immediately after transplanting or within 14 days after transplanting. Repeat at 10 days to 2 week intervals. Use a low rate for light infestations; use the highest labeled rates at shorter intervals for severe infestations. ** - use only foliar, air or ground applications for control of pepper weevil.		
	Root Knot (except Javanese) Nematode - supplemental control	*Supplemental Control - Drip Chemigation and Soil Injection Systems*: 2 pt/A of plant bed *Refer to the rate table at the end of the vegetable section.	For supplemental control of Root Knot Nematodes (*Meloidogyne incognita*) following a labeled preplant application of a soil fumigant. Initiate VYDATE® L treatments either at the time of transplanting or within 14 days of transplanting. Make sequential applications on a 10 to 14 day interval.		

Peppers in NM and the Rio Grande Valley of TX (as specified in the "General Information" section of this label)					
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	*Transplant Water Treatment:* 2 pt/A in at least 200 gal of transplant water/A *Drip Chemigation as a Supplement to Transplant Treatment:* 2 pts /A in 40 to 200 gal of water /A.* *Foliar Treatment as Supplement to Transplant Treatment*:2 pt/A *Refer to the rate table at the end of the vegetable section.	Apply by ground during transplanting operation. When nematode populations are low to moderate, begin with a transplant water treatment and supplement with drip irrigation or foliar sprays by ground or air. Apply first drip irrigation or foliar spray 14 days after transplant. Repeat at 1 to 2 week intervals to control nematodes and insects.	7	• Do not apply more than 14 pints (1.75 gal) DuPont™ VYDATE® L per acre per season. • Minimum retreatment interval is 7 days unless a longer interval is stated in the Application Timing and Method section. • Do not make more than 5 post transplant applications per season (or 6 total applications per season including a transplant application.) • 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. • Under very high nematode populations, use of another effective soil treatment product at or before planting may be necessary. These can be followed by foliar, drip or soil injection applications of VYDATE® L to extend or maintain protection. Supplemental applications of VYDATE® L should begin when nematode populations begin to recover. The timing of the first VYDATE® L application will depend on the longevity of protection offered by the product applied to the soil at or before planting. • Drip: For best results, introduce the VYDATE® L into the irrigation water during the middle one-third of the irrigation cycle. Adjust the flow from the injection equipment to apply the VYDATE® L over a period of 30 minutes to one hour. Allow at least 24 hours between the VYDATE® L drip application and the next irrigation cycle. • Soil injection: Application must be made at least 2 inches deep to moist soil and must be followed as soon as possible with either sprinkler or furrow irrigation water to activate the VYDATE® L.
	Green Peach Aphid, *Liriomyza spp.* Leafminer (suppression), Pepper Weevil** and Thrips	*Foliar Treatment*: 2 pt/A *Drip Chemigation or Soil Injection Systems*: 2 pt/A of plant bed. *Refer to the rate table at the end of the vegetable section.	Apply by ground or air when insects first appear. Repeat at 1 to 2 week intervals. Or apply by drip chemigation or soil injection systems. Initiate treatments immediately after transplanting or within 14 days after transplanting. Repeat at 1 to 2 week intervals. Use a low rate for light infestations; use the highest labeled rates at shorter intervals for severe infestations. ** - use only foliar, air or ground applications for control of pepper weevil.		
	Root Knot (except Javanese) Nematode - supplemental control	*Supplemental Control - Drip Chemigation and Soil Injection Systems*: 2 pt/A of plant bed *Refer to the rate table at the end of the vegetable section.	For supplemental control of Root Knot Nematodes (*Meloidogyne incognita*) following a labeled preplant application of a soil fumigant. Initiate VYDATE® L treatments either at the time of transplanting or within 14 days of transplanting. Make sequential applications on a 10 to 14 day interval.		

Peppers in ALL OTHER STATES EXCEPT THE PREVIOUSLY SPECIFIED STATES					
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	*Transplant Water Treatment*: 2 pt/A in at least 200 gal of transplant water/A *Drip Chemigation 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 *Refer to the rate table at the end of the vegetable section.	Apply by ground during transplanting operation. When nematode populations are low to moderate, begin with a transplant water treatment and supplement with drip irrigation or foliar sprays by ground or air. Apply first drip irrigation or foliar spray 14 days after transplant. Repeat at 1 to 2 week intervals to control nematodes and insects.	7	• NOT REGISTERED FOR USE IN CALIFORNIA ON NEMATODES. • Do not apply more than 24 pt (3 gal) DuPont™ VYDATE® L per acre per season. • Minimum retreatment interval is 7 days unless a longer interval is stated in the Application Timing and Method section. • Do not make more than 8 applications per season. • 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. • Under very high nematode populations, use of another effective soil treatment product at or before planting may be necessary. These can be followed by foliar, drip or soil injection applications of VYDATE® L to extend or maintain protection. Supplemental applications of VYDATE® L should begin when nematode populations begin to recover. The timing of the first VYDATE® L application will depend on the longevity of protection offered by the product applied to the soil at or before planting. • Drip: For best results, introduce the VYDATE® L into the irrigation water during the middle one-third of the irrigation cycle. Adjust the flow from the injection equipment to apply the VYDATE® L over a period of 30 minutes to one hour. Allow at least 24 hours between the VYDATE® L drip application and the next irrigation cycle. • Soil injection: Application must be made at least 2 inches deep to moist soil and must be followed as soon as possible with either sprinkler or furrow irrigation water to activate the VYDATE® L.
	Green Peach Aphid, *Liriomyza spp.* Leafminer (suppression), Pepper Weevil** and Thrips	*Foliar Treatment*: 2 to 4 pt/A *Drip Chemigation or Soil Injection Systems*: 2 to 4 pt/A of plant bed. *Refer to the rate table at the end of the vegetable section.	Apply by ground or air when insects first appear. Repeat at 1 to 2 week intervals. Or apply by drip chemigation or soil injection systems. Initiate treatments immediately after transplanting or within 14 days after transplanting. Repeat at 1 to 2 week intervals. Use a low rate for light infestations; use the highest labeled rates at shorter intervals for severe infestations. ** - use only foliar, air or ground applications for control of pepper weevil.		
	Root Knot (except Javanese) Nematode - supplemental control	*Supplemental Control - Drip Chemigation and Soil Injection Systems*: 2 to 4 pt/A of plant bed *Refer to the rate table at the end of the vegetable section.	For supplemental control of Root Knot Nematodes (*Meloidogyne incognita*) following a labeled preplant application of a soil fumigant. Initiate VYDATE® L treatments either at the time of transplanting or within 14 days of transplanting. Make sequential applications on a 10 to 14 day interval.		

SWEET POTATOES – ALL STATES (EXCEPT CA – NOT REGISTERED FOR USE IN CALIFORNIA)

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Sweet Potatoes	Root Knot (Except Javanese) and Spiral Nematodes	*Preplant Soil Treatment*: 2 gal/A in at least 20 gal water/A as a soil broadcast treatment; for band treatments, use proportionately less. or *In-Furrow Soil 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.	—	• Do not apply more than 24 pt (3 gal) DuPont™ VYDATE® L per acre per season. • 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.

TOMATOES – (AS SPECIFIED)

Refer to the appropriate table for use directions in your state and apply DuPont™ VYDATE® L as instructed

Tomatoes in AL, AR, DE, FL, GA, IA, IL, IN, KY, LA, MD, MI, MN, MS, NC, NJ, NY, OH, PA, SC, TN, TX (EXCEPT the Rio Grande Valley of TX as specified in the "General Information" section of this label), VA, WI and WV

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Tomatoes	Root Knot (Except Javanese), Sting, Stubby Root, Stunt, and Reniform Nematodes	*Drip chemigation*: 2 to 4 pt/A.*	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 and tops expand, increase dosage to 4 pt/A at 1 to 2 week intervals.	3	• Do not apply more than 32 pints (4 gal) VYDATE® L per acre per season. • Minimum retreatment interval is 7 days unless a longer interval is stated in the Application Timing and Method section. • Do not apply more than 7 foliar, drip, or soil injection applications per season (or 8 total applications per season including a soil at plant/transplant application). • Under very high nematode populations, use of another effective soil treatment product at or before planting may be necessary. These can be followed by foliar, drip or soil injection applications of VYDATE® L to extend or maintain protection. Supplemental applications of VYDATE® L should begin when nematode populations begin to recover. The timing of the first VYDATE® L application will depend on the longevity of protection offered by the product applied to the soil at or before planting. • Drip : For best results, 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. Allow at least 24 hours between the VYDATE® L drip application and the next irrigation cycle. • Soil Injection: Application must be made at least 2 inches deep to moist soil and must be followed as soon as possible with either sprinkler or furrow irrigation water to activate the VYDATE® L.
		Soil at-plant/transplant: 2 to 4 pt/A	Apply at the time of planting or transplanting. Incorporate the application at least 2 inches deep into the soil. For best results, follow 14 days later with foliar, drip or soil injection application(s).		
		Foliar: 2 to 4 pt/A . Minimum of 10 gal water /A by air *Refer to the rate table at the end of the vegetable section.	Apply by air or ground when plants become established. Repeat at 1 to 2 week intervals.		
	Root Knot (except Javanese) Nematode - supplemental control	*Supplemental Control - Drip Chemigation and Soil Injection Systems*: 2 to 4 pt/A of plant bed *Refer to the rate table at the end of the vegetable section.	For supplemental control of Root Knot Nematodes (*Meloidogyne incognita*) following a labeled preplant application of a soil fumigant. Initiate VYDATE® L treatments either at the time of transplanting or within 14 days of transplanting. Make sequential applications on a 10 to 14 day interval.		
	Aphids, Colorado Potato Beetle, *Liriomyza spp.* Leafminers (suppression), silverleaf whitefly (suppression)	2 to 4 pt/A as a foliar spray; use at least 4 gal water/A for aerial applications	Apply by ground or air when insects first appear. Repeat at 7 day intervals. Apply a low rate for light infestation; a moderate rate for heavier infestation; and the highest labeled rate for severe infestations.		
	Liriomyza spp. Leafminers (suppression)	*Drip Chemigation and Soil Injection Systems*: 2 to 4 pt/A of plant bed *Refer to the rate table at the end of the vegetable section.	Initiate treatments either at the time of transplanting or within 14 days following transplanting. Make sequential applications at 10 to 14 day intervals.		

Tomatoes in ALL OTHER STATES and the Rio Grande Valley of TX (as specified in the "General Information" section of this label) EXCEPT THE PREVIOUSLY SPECIFIED STATES					
Crop	**Insect**	**Application Rate**	**Application Timing and Method**	**Last Application (days to harvest)**	**Further Use Information**
Tomatoes	Root Knot (Except Javanese), Sting, Stubby Root, Stunt, and Reniform Nematodes	*Soil Injection (CA only):* 3 to 5 pt/A	Using an injection shank during the planting operation, apply 3 pt/A immediately adjacent to the plant row. Make a second application (side dress) at 5 pt/A 3 to 4 weeks after the initial application. If needed, make a third application (side dress) at 4 pt/A 3 to 4 weeks after the second application.	3	• Do not apply more than 32 pt (4 gal) VYDATE® L per acre per season. • Minimum retreatment interval is 5 days unless a longer interval is stated in the Application Timing and Method section. • Do not apply more than 8 applications per season. • Under very high nematode populations, use of another effective soil treatment product at or before planting may be necessary. These can be followed by foliar, drip or soil injection applications of VYDATE® L to extend or maintain protection. Supplemental applications of VYDATE® L should begin when nematode populations begin to recover. The timing of the first VYDATE® L application will depend on the longevity of protection offered by the product applied to the soil at or before planting. • Drip : For best results, 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. Allow at least 24 hours between the VYDATE® L drip application and the next irrigation cycle. • Soil Injection: Application must be made at least 2 inches deep to moist soil and must be followed as soon as possible with either sprinkler or furrow irrigation water to activate the VYDATE® L.
		Soil at-plant/transplant: 2 to 4 pt/A	Apply at the time of planting or transplanting. Incorporate the application at least 2 inches deep into the soil. For best results, follow 14 days later with foliar, drip or soil injection application(s).		
		Drip chemigation: 2 to 8 pt/A.*	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 and tops expand, increase dosage progressively to 8 pt/A at 1 to 2 week intervals.		
		Foliar: 2 to 4 pt/A. Minimum of 10 gal water /A by air *Refer to the rate table at the end of the vegetable section.	Apply by air or ground when plants become established. Repeat at 1 to 2 week intervals.		
	Root Knot (except Javanese) Nematode - supplemental control	*Supplemental Control - Drip Chemigation and Soil Injection Systems*: 2 to 4 pt/A of plant bed *Refer to the rate table at the end of the vegetable section.	For supplemental control of Root Knot Nematodes (*Meloidogyne incognita*) following a labeled preplant application of a soil fumigant. Initate VYDATE® L treatments either at the time of transplanting or within 14 days of transplanting. Make sequential applications on a 10 to 14 day interval.		
	Aphids, Colorado Potato Beetle, *Liriomyza spp.* Leafminers (suppression), silverleaf whitefly (suppression)	2 to 4 pt/A as a foliar spray; use at least 4 gal water/A for aerial applications	Apply by ground or air 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 labeled rate for severe infestations.		
East of Rockies	*Liriomyza spp.* Leafminers (suppression)	*Drip Chemigation and Soil Injection Systems*: 2 to 4 pt/A of plant bed *Refer to the rate table at the end of the vegetable section.	Initiate treatments either at the time of transplanting or within 14 days following transplanting. Make sequential applications at 10 to 14 day intervals.		

YAMS (DIOSCOREA) – PUERTO RICO ONLY

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Yams (Dioscorea)	Nematodes	*Foliar Treatment* 2 pt/A in at least 25 gal water/A	Foliar ground applications of DuPont™ VYDATE® L are to be used only following soil fumigation, or following preplant or at planting soil application of other contact nematicides. Apply when adequate foliage is present to absorb the product (approximately 2 months after planting). Apply at 2 week intervals.	60	• Do not apply more than 16 pints (2 gal) VYDATE® L per acre per season. • Minimum retreatment interval is 14 days. • Do not apply more than 8 applications per season.

Rate Table for Drip Irrigation Rates of VYDATE® L to be Applied per 1000 Row Feet in Cucumber, Canteloupe, Honeydew Melon, Watermelon, Pumpkin, Squash, Eggplant, Peppers, and Tomato

Bed Spacing	Linear Ft. of Bed to Equal One Acre	VYDATE® L 2 pts/acre Rate/1000 Row feet	VYDATE® L 4 pts/acre Rate/1000 Row Feet
36 inches	14,520 ft.	2.2 fl. oz.	4.4 fl. oz.
48 inches	10,890 ft.	2.9 fl. oz.	5.9 fl. oz.
60 inches	8,712 ft.	3.7 fl. oz.	7.4 fl. oz.
72 inches	7,260 ft.	4.4 fl. oz.	8.8 fl. oz.

SPECIFIC USES—FIELD CROPS

Where not otherwise specified, apply DuPont™ Vydate® L in sufficient water to obtain uniform coverage.

PEPPERMINT AND SPEARMINT – ID, MI, MT, OR, WA AND WI ONLY

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
Peppermint and Spearmint	Root Lesion, Mint Nematode	1/2 to 1 gal/A by ground or chemigation sprinkler systems. For aerial applications, use 1/2 gal/A	Apply as mint breaks winter dormancy and begins active root growth. If needed, make a second application 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 may not result in increased yields.	21	• Do not apply more than 16 pt (2 gal) VYDATE® L per acre per season. • Minimum retreatment interval is 21 days. • Do not make more than 2 applications per season. • Incorporate VYDATE® L ground or air applications with 1/2 to 1 inch of moisture as soon as possible after application. • *Sprinkler chemigation application*: Apply VYDATE® L by 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 during the middle of the irrigation cycle.

TOBACCO – ALL STATES

Crop	Insect	Application Rate	Application Timing and Method	Last Application (days to harvest)	Further Use Information
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) *Broadcast and Bed Treatment*: 1 gal/A in at least 40 gal water/A	Apply by ground. 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.	—	• Do not apply more than 8 pt (1 gal) VYDATE® L per acre per season.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Do not subject to temperatures below 32 degrees F. Store product in original container only. Not for use or storage in or around the home.

PESTICIDE 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 HANDLING:

Refer to the Net Contents section of this product's labeling for the applicable "Nonrefillable Container" or "Refillable Container" designation.

Nonrefillable Plastic and Metal Containers (Capacity Equal to or Less Than 5 Gallons): Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then, (a) for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning; if burned, stay out of smoke, or (b) for Metal Containers, offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Nonrefillable Plastic and Metal Containers (Capacity Greater Than 5 Gallons): Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then, (a) for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning; if burned, stay out of smoke, or (b) for Metal Containers, offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Nonrefillable Plastic and Metal Containers, e.g., Intermediate Bulk Containers [IBC] (Size or Shape Too Large to be Tipped, Rolled or Turned Upside Down): Nonrefillable container. Do not reuse or refill this container. Pressure rinse as follows: Empty the remaining product contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Insert pressure rinsing nozzle in the container, and rinse at about 40 PSI for at least 30 seconds. Drain rinsate for 10 seconds after the flow begins to drip. Pour or pump rinsate into application equipment or rinsate collection system. Then, (a) for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning; if burned, stay out of smoke, or (b) for Metal Containers, offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

All Refillable Containers: Refillable container. *Refilling Container:* Refill this container with DuPont™ VYDATE® L containing oxamyl only. Do not reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn out threads and closure devices. Check for leaks after refilling and before transporting. *Disposing of Container*: Do not reuse this container for any other purpose other than refilling (see preceding). Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then, (a) for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning; if burned, stay out of smoke, or (b) for Metal Containers, offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Do not transport if container is damaged or leaking. If the container is damaged, leaking or obsolete, or in the event of a major spill, fire or other emergency, contact DuPont at 1-800-441-3637, day or night.

FOR PUERTO RICO: PESTICIDES MUST BE STORED IN THEIR ORIGINAL CONTAINER; DO NOT STORE THE CONTENTS OF THIS PRODUCT IN ANY OTHER CONTAINER.

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It is impossible to eliminate all risks associated with the use of this product. Such risks arise from weather conditions, soil factors, off target movement, unconventional farming techniques, presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of DuPont. These risks can cause: ineffectiveness of the product, crop injury, or injury to non-target crops or plants. WHEN YOU BUY OR USE THIS PRODUCT, YOU AGREE TO ACCEPT THESE RISKS.

DuPont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions.

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