DUPONT™ VYDATE® L INSECTICIDE/NEMATICIDE

FOR THE SUPPRESSION OF ROOT LESION NEMATODE AND DAGGER NEMATODE IN NON-BEARING* RASPBERRIES DURING THE FIRST YEAR OF ESTABLISHMENT AFTER PLANTING

This label for DuPont™ VYDATE® L Insecticide/Nematicide expires and must not be distributed or used in accordance with this SLN registration after December 31, 2014.

DIRECTIONS FOR USE:
It is a violation of federal law to use this product in a manner inconsistent with its labeling. This labeling must be in the possession of the user at the time of application. Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA registered label.

DuPont™ VYDATE® L Insecticide/Nematicide is recommended for use in Washington for the suppression of root lesion nematode and dagger nematode in non-bearing raspberries during the first year of establishment after planting.

HOW TO USE
For post-planting ground applications: Apply VYDATE® L at 2 quarts per acre using a spray volume of at least 40 to 60 gallons per acre as a 4 ft wide band application centered over the plant row. Time application when rainfall is imminent, or use overhead irrigation to incorporate VYDATE® L into the plant root zone. If overhead irrigation is used to incorporate VYDATE® L, apply 0.25 to 0.50 acre inch of water as soon after application as possible to move the applied VYDATE® L at least 2 inches deep into the soil. However, do not irrigate to the extent that water moves off the field.

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

APPLICATION TIMING
Make first application after planting when the soil temperature is at least 45 degrees F at a depth of 8 inches. To extend protection against nematode damage, make a second application a minimum of three weeks after the first application. All applications should be timed to coincide with imminent rainfall or followed by overhead irrigation.

Note: VYDATE® L gradually degrades when left on the soil surface in the presence of sunlight. To maximize the efficacy of VYDATE® L, use a high volume spray application to move the product into the soil profile.

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

Do not make applications to plants under water stress or plants not actively growing.

Do not apply to soils that are already saturated with moisture. Soil must be below field capacity at time of application to minimize the risk of surface run-off.

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Since varieties are numerous, continually change, and may respond differently to VYDATE® L, test the product on a small scale before proceeding to large-scale application. Varietal response may also vary if VYDATE® L is mixed with other products.

Do not apply by air or through any type of irrigation system.

Do not make more than two applications or apply more than 1 gallon of VYDATE® L per acre per growing season. Do not apply to raspberries within 12 months of harvest.

Use is limited to raspberries grown in western Washington only. Do not apply to raspberries grown in eastern Washington. Use only on commercial plantings; do not use on home plantings.

SURFACE WATER ADVISORY
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, areas 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 overlaying tile drainage systems that drain to surface water.

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.

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 the federal label.

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, nontarget crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

This pesticide is toxic to aquatic organisms (fish and invertebrates) and extremely toxic to birds and mammals. DuPont™ VYDATE® L Insecticide/Nematicide should not be used under this SLN label where impact on listed threatened or endangered species is likely. You may refer to the WSDA Endangered Species Program web site at http://agr.wa.gov/PestFert/NatResources/EndangSpecies.aspx, or contact the Washington Department of Fish & Wildlife, National Marine Fisheries Service (NOAA Fisheries) or US Fish & Wildlife Service for information regarding aquatic species listed as threatened or endangered. Consult the federal label for additional restrictions and precautions to protect aquatic organisms.

WSDA Container Disposal Guidance
Pesticide containers must be properly cleaned prior to disposal. The best time to clean empty pesticide containers is during mixing and loading, because residue can be difficult to remove after it dries. Triple rinse (or pressure rinse) the pesticide container, empty all pesticide rinse water into the spray tank, and apply to a labeled crop or site. Recycling cleaned containers is the best method of container disposal. Information regarding the recycling of empty and cleaned plastic pesticide containers in Washington is available on the WSDA Waste Pesticide Program web site at http://agr.wa.gov/PestFert/NatResources/EndangSpecies.aspx. Cleaned containers may also be disposed of in a sanitary landfill, if permitted by the county. Burning is not a legal method of container disposal in Washington.

This bulletin contains new or supplemental instructions for use of this product which do not appear on the EPA-registered package label. Follow the instructions carefully.

Read the Limitation of Warranty and Liability on the Section 3 Federal product label before buying or using THIS product. If terms are not acceptable, return the unopened package at once to Seller for full refund of purchase price paid. Otherwise, use by Buyer or any other User constitutes acceptance of the terms of the Limitation of Warranty and Liability on the Section 3 Federal product label.

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