TANK MIXING AND COMPATIBILITY

Spray drift management includes aerial or chemigation application equipment. See the safety and handling instruction label for compatibility information.

SPRAY PREPARATION

Ensure that the sprayer is equipped with the appropriate equipment for applying DuPont™ VYDATE® C-LV. Follow the instructions for category B on an EPA chemical-resistance category selection chart.

SPRAY TANK CLEANOUT

Before beginning application procedures, the tank must be cleaned according to the specifications outlined in the product label. Follow the instructions for category B on an EPA chemical-resistance category selection chart.

SPRAY DROplet SIZE

Use a nozzle type that is designed for the intended application. With most nozzles, orienting nozzles so that the spray is emitted back-wards, parallel to the wind, reduces droplet size and does not improve canopy penetration. When higher flow rates are used, high-pressure air-assisted sprayers may be required.

WIND

The wind pattern and the droplet size of the spray are important factors to consider when determining the rate of drift. Smoker that layers and moves laterally in a concentrated cloud (under low wind conditions) is considered a risk factor for drift. Drift and runoff may be hazardous to aquatic organisms in nearby bodies of water.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic organisms (fish and invertebrates) and extremely toxic to birds. The drift and runoff may be hazardous to aquatic organisms in nearby bodies of water. Avoid spraying in streams, rivers, lakes, and ponds.

USER SAFETY RECOMMENDATIONS

Chemical-resistant gloves, such as barrier laminate or butyl rubber, are recommended for handling this product. Use caution when handling this product, as it may cause eye irritation.

ENGINEERING CONTROL STATEMENTS

Enclosed cabs are required for human flaggers when operating an air-assisted sprayer and with other application equipment. Human flaggers must be in enclosed cabs.

INSECTICIDE/PHARMACEUTICALS

VYDATE® C-LV can be applied by ground, aerial or chemigation application equipment. See the safety and handling instructions label for compatibility information.

GROUP INSECTICIDE

Boll Weevil, Cotton Fleahopper and Tarnished Plant Bug

PHYSICAL AND CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame. Keep container closed. Use with caution.

DIRECTIONS FOR USE

Agricultural use requirements

DuPont™ VYDATE® C-LV is a systemic insecticide-nematicide that controls pests in a variety of crops. It contains oxamyl and the chemical (methylcarbamoyl)oxy-1-thiooximidate.

AGRICULTURAL USE REQUIREMENTS

1. Precautionary statements

The use of this product must be in accordance with this label. A permit is required for the use of this product. You may also contact 1-800-441-3637 for emergency medical treatment.

2. Environmental hazards

This pesticide is toxic to aquatic organisms (fish and invertebrates) and extremely toxic to birds. The drift and runoff may be hazardous to aquatic organisms in nearby bodies of water. Avoid spraying in streams, rivers, lakes, and ponds.

3. User safety recommendations

Chemical-resistant gloves, such as barrier laminate or butyl rubber, are recommended for handling this product. Use caution when handling this product, as it may cause eye irritation.

4. Engineering control statements

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5. Insecticide/pharmaceuticals

VYDATE® C-LV can be applied by ground, aerial or chemigation application equipment. See the safety and handling instructions label for compatibility information.

6. Group insecticide

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PHYSICAL AND CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame. Keep container closed. Use with caution.
For overhead chemigation applications, use enough irrigation water to completely cover the entire tuber/root zone, especially tubers at the bottom of the hill. On sandy soil types, use approximately the volume of irrigation water recommended for the water requirement of a sprinkler system on a sandy soil. For broadcast foliar applications, sequential drip applications can be made at 17 fluid ounce per acre.

Do not make more than 8 applications per season.

For best results, apply VYDA TE® C-LV as tank-mixed combinations with a registered whitefly adulticide. For best results, apply on a 7- to 14-day spray interval, depending on insect pressure.

A common problem is the combined effects of maintaining adequate populations of beneficial insects and the use of insecticides. This can result in higher numbers of pests between applications. Applications should be made before damaging populations begin to build. Applications should be made on a 7- to 14-day interval, depending on insect pressure. For best results, use cottonseed oil or vegetable oil as a spray diluent.

Soil Pests - Suppression of Root Knot (except Javenese), Sting, Lesion and Stubby Root

When used as directed, VYDA TE® C-LV suppresses nematode populations resulting in reduced soil damage and root growth restriction. Use a shanked-in fumigant followed by VYDA TE® C-LV treatment program if stubby root and sting populations are higher than 5 per 250 cc of soil.

C-LV applications, you must have access to degree-day data for your area. For overhead chemigation applications, use enough irrigation water to completely cover the entire tuber/root zone, especially tubers at the bottom of the hill. On sandy soil types, use approximately the volume of irrigation water recommended for the water requirement of a sprinkler system on a sandy soil. For broadcast foliar applications, sequential drip applications can be made at 17 fluid ounce per acre.

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