



# 2(ee) Recommendation

## DUET® Dual-Action Adulticide

EPA Reg. No. 1021-1795-8329

### **FOR APPLICATION of DUET® DUAL-ACTION ADULTICIDE WITH NON-THERMAL, PORTABLE, MOTORIZED BACKPACK OR HANDHELD ULV EQUIPMENT FOR THE CONTROL OF CONTAINER-BREEDING ADULT MOSQUITOES IN URBAN AREAS**

This recommendation is made as permitted under FIFRA Section 2(ee) and has not been submitted to or approved by the U.S. EPA. FIFRA Section 2(ee) permits “employing any method of application not prohibited by the labeling unless the labeling specifically states that the product may be applied only by the methods specified on the labeling.”

This labeling must be in the possession of the user at the time of pesticide application. Persons using this product must comply with all applicable directions, restrictions, and precautions found on this labeling and that of the label of the federally registered product upon which this amendment is based. Read the label affixed to the container for DUET® Dual-Action Adulticide, EPA Reg. No. 1021-1795-8329, before applying.

#### **DIRECTIONS FOR USE**

**It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.**

#### **USE INFORMATION**

DUET® is approved for application as a thermal aerosol and as an Ultra Low Volume (ULV) non-thermal aerosol (cold fog) in mosquito adulticiding programs involving outdoor residential and recreational areas where adult mosquitoes are present in annoying numbers, and in vegetation surrounding parks, woodlands, swamps, marshes, overgrown areas and golf courses.

#### **BACKPACK AND HANDHELD ULV APPLICATION**

To control resting or flying Adult, container-breeding mosquitoes, including *Aedes aegypti* and *Aedes albopictus*, DUET® may be applied with non-thermal, portable, motorized backpack or handheld equipment. Spray equipment must be adjusted so that the volume median diameter (VMD) is less than 30 microns ( $Dv\ 0.5 < 30\ \mu m$ ) and that 90% of the spray is contained in droplets smaller than 50 microns ( $Dv\ 0.9 < 50\ \mu m$ ). Use 0.43 to 1.28 fl. oz. of the undiluted spray per acre as a 50 ft. (15.2 m) swath while walking at a speed of 2 mph (3.2 kph). These rates are equivalent to 0.00024 to 0.00072 pounds of Prallethrin and 0.0012 to 0.0036 pounds of Sumithrin® and Piperonyl Butoxide per acre. Do not treat a site with more than 0.0036 lb of each a.i., Sumithrin and piperonyl butoxide and 0.00072 lbs prallethrin per acre in a single application or in any 24-hour period. Do not apply more than 0.0108 lb. each of Sumithrin and piperonyl butoxide and 0.0022 lb prallethrin to the same treatment area in a 7 day period. Do not apply more than 0.0216 lb each of Sumithrin and piperonyl butoxide and 0.0043 lb prallethrin to the same treatment area in 1 month. Do not exceed 0.1 lb of Sumithrin or piperonyl butoxide or 0.02 lb prallethrin per acre in any site in one year. DUET® may be diluted with a suitable solvent such as mineral oil if dilution is preferred.

For best results, apply when mosquitoes are most active. Certain mosquito species, such as *Aedes aegypti* and *Aedes albopictus*, are most active during the day. If applying during the day with backpack or handheld ULV equipment, all applicable directions, restrictions, and precautions found on this labeling and the label affixed to the container must be followed. All types of applications should be conducted at temperatures above 50 °F.

Applications may be made in listed sites where mosquitoes are resting or flying, including parking decks, open parking garages, waste yards, rail yards, backyards, under decks, and under awnings. Do NOT apply DUET® in indoor living spaces or dwellings.

For more information contact your Clarke representative or call 1-800-323-5727.  
DUET® is a Registered Trademark of Clarke Mosquito Control Products, Inc.

#### **MANUFACTURED FOR:**

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