

# Mosquito Control Program Equipment

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## UTILIZING THE SOLO 451 OR STIHL BT450 BACKPACK MIST BLOWER

Both the Stihl SR420/SR450 Backpack Mist Blower and the Solo 451 Backpack Mist Blower have performed well. Both units are equipped with a 3-gallon tank. The units are powered by a 2-stroke engine, so an appropriate oil-gas fuel mixture must be utilized.

Consult the respective Users' Manual for appropriate fuel/oil ratio. Refer to the Operator's Manual for use, maintenance, and troubleshooting.



**Stihl SR450**



**Solo 451**

## SOLO/ BIRCHMEIER MANUAL BACKPACK

Another quality option is the Solo or Birchmeier Piston Pump Backpack Sprayer using the 8000E Flat Fan Tip. It is extremely limited maintenance because it does not require gas, oil, or engine repairs. It is lighter and is equipped with an adjustable cone nozzle that makes pinpoint applications easier to accomplish. It is, however, less effective in treating "dead air" space in dense vegetation and more labor intensive.

Consult the attached Operator's Manual for repairs. Rebuild kits are available for purchase from product suppliers, such as Univar.

**Solo Backpack**



**Birchmeier Backpack**



Use as a low pressure (<50 psi at nozzle tip) application with a variable pattern or adjustable tip to the underside of landscape plants, under decks, around foundations and any other area found on your inspection where mosquitos may rest.

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## GREENUP 25 GALLON DROP TANK MIX:

In larger yards or along a street route where more than one or two backpack applications is scheduled, then a minimum mix using a JD9-C adjustable spray gun of 4 oz. of Fendona CS + 10 mL NyGuard per 25 gallons of water to agitation can be utilized or this mix rate can be doubled for a full 50 gallons. Each gallon of mix applied just to drip-off in the areas specified above should treat approximately 3,000 square feet of surface area.

## DYNAFLOW POWER SPRAYERS W/HOSE/REEL:

Maintain spray rigs per the maintenance manual. Be sure to regularly flush any screens within the system to prevent clogging.

Treatments are provided along with the regular program in addition to the perimeter treatment upon customer request.



## **BEE RESPONSIBLE:**

**READ YOUR MATERIAL LABEL. IF THE BEE ICON IS PRINTED ON YOUR LABEL:**

- OBEY ALL INSTRUCTIONS ABOUT BEES
- DO NOT TREAT ON ANY BLOSSOMS ANYWHERE IN THE YARD
- TREAT WITHIN BLOSSOMING PLANTS ONLY WHEN NO BEES ARE SEEN IN THE AREA
- DO NOT TREAT ON OR WITHIN ANY BLOSSOMING PLANTS BEING ATTENDED BY BEES

