

## How to mix and apply Mosquito Barrier

In 2001, we made Mosquito Barrier  
the World's Strongest Liquid Garlic!  
More effective than ever!

### **MIXING & SPRAYING INSTRUCTIONS FOR LARGE AREAS (5 ACRES OR MORE):**

(Parks, Golf Courses, Ball Fields, etc.)

1 gallon of Mosquito Barrier mixed with 1 gallon of either canola or soybean oil. Add 98 gallons of water and 8 ounces of Palmolive liquid dishwashing soap or (as an alternative) 1 gallon of insecticidal soap (available from local nurseries).

Mix well.

The oil helps with standing water and puddles for suffocation of larvae. However, if you are not able to obtain one of our recommended oils to use as a sticker, mixing one part of Mosquito Barrier with 99 parts of water and spraying everything achieve excellent results.

### **MIXING & SPRAYING INSTRUCTIONS FOR MEDIUM SIZED AREAS (1 - 5 ACRES):**

Best results are achieved by using 20 gallons of water per acre, plus 25 ounces of Mosquito Barrier and an equal amount of one of our recommended oils and 2 ounces of soap. Using a droplet size of 350-400 microns or medium size mist (not large droplets) cover all grass, standing water, shrubs, into tree branches up to about 12 feet and under porches and decks where water may be standing. Spray the shorelines of creeks or ponds (mosquitoes are also born in mud). Best spraying time is late in the afternoon 1 hour before sundown.

No harmful chemicals, safe around children and pets when used as directed, and is biodegradable.

## **MIXING & SPRAYING INSTRUCTIONS FOR AVERAGE RESIDENTIAL PLOTS:**

Canister type sprayers are available at such stores as Home Depot, etc. and generally cost about \$16-\$20 each and hold from 2 to 3 gallons of liquid. Canister sprayers must be pumped up with air pressure and they have a wand for spraying. The formula for a 2 gallon canister sprayer is: 3 ounces Mosquito Barrier, 3 ounces Soybean, Canola or other oil and 1 table spoon of soap (see above for soap types) then fill canister with water. Mix well and spray.

Garden hose-end sprayers are not recommended because they are generally very inaccurate and the droplet size is larger than desired. However, if you insist on using a Garden hose-end sprayer - there are two types, one type has a dial for ounces per gallon and the other does not have a dial. For both types completely fill the container with undiluted Mosquito Barrier, on the dial type, set the dial on 2 ounces per gallon, or 4 tablespoons per gallon. Normally it takes about 7 minutes to empty the container with the garden hose on full blast, so you need to be quick, or fill it again until you have covered everything we recommend.

One gallon of Mosquito Barrier is enough for the whole Summer mosquito season. Sprayed every 3 weeks, for the average half-acre residential lot, one gallon is enough for 10 applications, if necessary.

### **TIPS ON SPRAYING:**

1. When mixing, mix the Mosquito Barrier, oil and soap together and then add it to the water. Stir the entire mixture until homogenous. If you have very hard water, add a bit more soap to make everything mix

well.

2. When spraying grass with the wand on the end of your pump-up Hudson type sprayer, hold the wand nozzle about 8 inches above the grass and sweep it back and forth. Make sure the spray gets deep into the grass and use a small spray droplet size.

3. Spray all dark places such as under porches, in vents leading to basement or beneath the house, even spray sides of house, porches, driveways and areas that are not covered with grass - this all helps.

4. So long as you use at least a 1% solution of the garlic (meaning at least 1 and a quarter ounces of Mosquito Barrier per gallon of water) you are okay. You may use more. Many of our professional spray people use 4 to 6 ounces of garlic per gallon of water. This does not harm plants or animals and works very well.

**NOTE:** If a mosquito infestation is already present, double the amount of Mosquito Barrier used (50:1) Repeat within 2 weeks, and then follow as suggested above.

If using in a barn: Fog only and use at half the dilution as suggested above.

Upper Canada Organic Products

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[www.mosquitobarrier.ca](http://www.mosquitobarrier.ca)

Upper Canada Organic Products distribute and create many non-chemical lines of product. Focus on body and plant protection products, i.e. creams, insect traps, fertilizers, and of course, pest control.

We have many other products in different stages of development.