

# DILUTION RATES FOR SMALL QUANTITIES OF SPRAY

Gallons of Spray Mixture per Acre  
(Ounces or grams needed per gallon of spray)

AQUABAC WDG 3000 Rates in		Final Concentration, Ounces/Gallon of Spray		
Ounces/Acre	Grams/Acre	10 Gallons/Acre	25 Gallons/Acre	50 Gallons/Acre
1.75	50	0.175	0.07	0.035
3.5	100	0.35	0.14	0.07
7	200	0.7	0.28	0.14
14	400	1.4	0.56	0.28

## SPECIFIC APPLICATION INSTRUCTIONS in Urban and Rural Areas

General: AQUABAC WDG 3000 may be applied in conventional ground or aerial application equipment in a sufficient quantity of water to provide thorough coverage of the target area. The amount of water will depend upon weather, type of spray equipment and mosquito habitat. Reapply as necessary to maintain larval control. Thoroughly rinse and flush spray equipment following each use.

Mixing Instructions: Fill the mix tank or aircraft hopper with the appropriate volume of water. Initiate moderate mechanical or manual agitation, then slowly pour AQUABAC WDG 3000 into the water. Backpack and compressed air sprayers may be agitated by shaking after adding AQUABAC WDG 3000 to the water in the sprayer. AQUABAC WDG 3000 readily suspends in water and will stay suspended over normal application periods. Additional agitation may be required if the spray mixture sits for an extended period. Do not mix more AQUABAC WDG 3000 spray solution than can be used in a 48-hour period. Do not continually agitate the spray mixture during application.

Ground Application: Apply AQUABAC WDG 3000 at a rate of 1.75-14 ounces/acre in 5-100 gallons of water per acre using hand-pump, airblast, mist blower or other conventional equipment. As low as one gallon of water per acre can be used when the target area is open with light vegetative cover.

Aerial Application: Apply AQUABAC WDG 3000 at a rate of 1.75-14 ounces/acre in 0.25-10 gallons of water per acre using fixed wing or helicopter aircraft equipped with either conventional boom and nozzle systems or rotary atomizers to provide uniform coverage of the target area. Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment- and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all of these factors when making decisions.

## NUISANCE FLIES:

For control of larvae of the nuisance flies *Psychoda* and *Chironomus* spp. in sewage treatment facilities utilizing trickling filter systems.

### APPLICATION DIRECTIONS

Nuisance Fly Habitat	AQUABAC WDG 3000 Application Rate Range*
Trickling filter system of wastewater treatment plants	4 - 20 mg per liter (0.0005 - 0.0027 oz per gallon) of wastewater fed to the system per 30 minutes.
Apply undiluted with a pre-calibrated pump or other device into the wastewater feeding into the filters for a minimum period of 30 minutes. Repeat applications as needed.	
*Use Higher rates for control of <i>Chironomus</i> spp. larvae. Control of <i>Chironomus</i> spp. larvae may take two weeks.	

## NUISANCE AQUATIC MIDGES:

For control of *Chironomus* midge larvae (*Chironominae*: *Chironomus*) inhabiting shallow lakes and ponds that are natural or man-made.

### APPLICATION DIRECTIONS

Nuisance Midge Habitat	AQUABAC WDG 3000 Application Rate*
Shallow lakes/ponds including sewage oxidation ponds less than an acre, 6 feet deep	3.5 pounds/acre (1.6 kg/acre)

\*Apply diluted with water in a total volume of 5 gallons/acre by pouring or spraying over the surface to be treated with a pre-calibrated device. Repeat applications as necessary. *Chironomus* midge larvae control may take up to two weeks.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in a cool (59-86°F; 15-30°C), dry place.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Handling: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment, then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration. Do not burn, unless allowed by state and local ordinances. If burned, stay out of smoke.

## WARRANTY

To the extent consistent with applicable law, Seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on this label; and User assumes all risks of use, storage or handling not in accordance with label instructions.