



ORNAMENTAL INSECTICIDE GUIDE

Product	Active Ingredient	Aphids, Leafhoppers, Psyllids, Whiteflies, Aedeids, etc.	Caterpillars (Bagworms, Gypsy Moth, Tip Moth)	Emerald Ash Borer; Other Beetle Borers	Caterpillar Borers (Dogwood Borer; Peach Tree Borer; Lilac Borer)	Japanese Beetle Adults (and Other Leaf-Eating Beetles)	Leafminers	Scale Armored and Soft	Spider Mites	Perimeter Pest Control
Abamectin 0.15 EC	abamectin	8 oz per 100 gal					8 oz per 100 gal		4 oz per 100 gal	
Arena® 50 WDG	clothianidin	1 oz per 100 gal	3 oz per 100 gal				3 oz per 100 gal	3 oz per 100 gal		
ArmorTech® Guillotine™	clothianidin	0.63 - 1.6 oz per 100 gal				1.2 - 4.8 g per inch DBH	2 - 3 oz per 100 gal	2 - 3 oz per 100 gal		
ArmorTech® IMD 2SC	imidacloprid	1.5 oz per 100 gal		0.4 oz per inch DBH		0.2 oz per inch DBH	0.2 oz per inch DBH	0.2 oz per inch DBH		
Carbaryl 4L	carbaryl	32 oz per 100 gal	32 oz per 100 gal	5 oz per gal		32 oz per 100 gal		32 oz per 100 gal		
Duocide™ DG Pro	bifenthrin, carbaryl									4 lb per m
Floramite®	bifenazate								4 - 8 oz per 100 gal	
Hexygon®	hexythiazox								2 oz per 100 gal	
Menace™	bifenthrin	10 oz per 100 gal	10 oz per 100 gal	43.5 oz per 100 gal	43.5 oz per 100 gal	20 oz per 100 gal	20 oz per 100 gal	20 oz per 100 gal		1 oz per gal
Permethrin SFR	permethrin	4 oz per 100 gal	4 - 8 oz per 100 gal	160 oz per 100 gal	64 oz per 100 gal	4 - 8 oz per 100 gal	4 - 8 oz per 100 gal			6.4 oz per gal
Prosect™ LCO	bifenthrin									3 - 6 lb per m
Safari®	dinotefuran	8 oz per 100 gal	0.4 oz per inch DBH	0.4 oz per inch DBH	0.4 oz per inch DBH	0.4 oz per inch DBH	0.2 - 0.4 oz per inch DBH	0.2 - 0.4 oz per inch DBH		
Shuttle® O Miticide	acequinocyl								6.4 - 12.8 oz per 100 gal	
Talstar®*	bifenthrin	10 oz per 100 gal	10 oz per 100 gal	43.5 oz per 100 gal	43.5 oz per 100 gal	20 oz per 100 gal	20 oz per 100 gal	20 oz per 100 gal		1 oz per gal
TetraSan®	etoxazole								8 oz per 100 gal	
Triple Crown® T&O (GC*)	zeta-cypermethrin, bifenthrin, imidacloprid	5 oz per 100 gal	7.5 oz per 100 gal	7.5 oz per 100 gal	7.5 oz per 100 gal	7.5 oz per 100 gal		7.5 oz per 100 gal		
TriTek™	mineral oil	1 - 2 gal per 100 gal						1 - 2 gal per 100 gal	1 - 2 gal per 100 gal	

• Rates and instructions may vary for specific pests. Check label for application instructions.

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ALWAYS READ AND FOLLOW THE PRODUCT LABEL FOR SPECIFIC USES, RATES, AND PRECAUTIONS.



TURFGRASS INSECTICIDE GUIDE

Product	Active Ingredient	Caterpillars (Armyworms, Cutworms, Sod Webworm)	Ants, Nuisance	Annual Bluegrass Weevil	Billbugs	Black Turfgrass Ataenius	Chinch Bugs	European Crane Fly	Fleas, Ticks	White Grubs	Grass Mites
Aloft® G LCO (GC*)	clothianidin, bifenthrin	3.6 lb per m	3.6 lb per m	3.6 lb per m	3.6 lb per m	3.6 lb per m	3.6 lb per m	3.6 lb per m	3.2 lb per m	3.6 lb per m	
Aloft® SC*	clothianidin, bifenthrin	0.27 - 0.54 oz per m	0.27 - 0.54 oz per m	0.27 - 0.54 oz per m	0.54 oz per m	0.54 oz per m	0.54 oz per m	0.54 oz per m	0.54 oz per m	0.54 oz per m	
Arena® 0.25 G	clothianidin	80 - 160 lb per A	80 - 160 lb per A	80 - 160 lb per A	80 - 160 lb per A	80 - 160 lb per A	80 - 160 lb per A	80 - 160 lb per A		80 - 160 lb per A	
ArmorTech® Guillotine™	clothianidin	0.22 - 0.29 oz per m	0.22 - 0.29 oz per m	0.14 - 0.29 oz per m	0.14 - 0.29 oz per m	0.14 - 0.29 oz per m	0.22 - 0.29 oz per m	0.22 - 0.29 oz per m		0.14 - 0.29 oz per m	0.14 - 0.29 oz per m
ArmorTech® IMD 2SC	imidacloprid			0.6 oz per m	0.6 oz per m	0.6 oz per m		0.6 oz per m		0.6 oz per m	
Carbaryl 4L	carbaryl	3 - 6 oz per m	3 oz per m	6 oz per m	6 oz per m	6 oz per m	6 oz per m	6 oz per m	0.75 - 6 oz per m	6 oz per m	
Chlorpyrifos 4E*	chlorpyrifos	1 qt per A	1 qt per A	1 qt per A	1 qt per A	1 qt per A	1 qt per A	1 qt per A	1.5 pt per A	1 qt per A	
Duocide™ DG Pro	bifenthrin, carbaryl	2 lb per m	8 lb per m	4 lb per m	4 lb per m	4 lb per m	8 lb per m	8 lb per m	8 lb per m	8 lb per m	
Hexygon®	hexythiazox										0.14 oz per m
Menace™	bifenthrin	0.25 oz per m	1 oz per m	0.5 oz per m	0.5 oz per m	0.5 oz per m	1 oz per m	0.5 oz per m	1 oz per m		0.5 oz per m
Permethrin SFR	permethrin	0.8 oz per m	0.8 oz per m				0.8 oz per m		0.8 oz per m		
Prosect LCO	bifenthrin	1.5 lb per m	3 - 6 lb per m	3 lb per m	3 lb per m	3 lb per m	3 - 6 lb per m	3 - 6 lb per m	3 - 6 lb per m		
Talstar® (Select*)	bifenthrin	0.25 oz per m	1 oz per m	0.5 oz per m	0.5 oz per m	0.5 oz per m	1 oz per m	0.5 oz per m	1 oz per m		0.5 oz per m
Triple Crown® (Golf*)	zeta-cypermethrin, bifenthrin, imidacloprid	0.34 oz per m	0.8 oz per m	0.46 oz per m	0.46 oz per m	0.46 oz per m	0.8 oz per m	0.8 oz per m	0.8 oz per m	0.8 oz per m	0.46 oz per m

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