

Lawns – Commercial

Pest	Insecticide	To Make 1 Gallon To Treat 5,000 Square Feet	To Make 100 Gallons To Treat 5,000 Square Feet	Remarks
Chinch bugs	Acelepryn		8.0-20.0 ounces/acre	Follow label.
	Arena 0.25G		80-160 pounds/acre	
	Scimitar GC or CS		7.0 milliliters/1,000 square feet or 10 ounces/acre	
	Battle WP		6.0 gms/1,000 square feet	
	*Astro 3.2EC		0.4-0.8 ounce/1,000 square feet	
	Talstar 10WP	1.0 tablespoon	1.76 ounces-3.5 ounces/100 gallons	
	Carbaryl (Sevin)		4.0-6.0 ounces/1,000 square feet	
	Mavrick Aquaflo		0.75-1.5 teaspoons/1,000 square feet	
	Meridian 25WG		12.7-17.0 ounces/acre	
Crane flies	Acelepryn		8.0-16.0 ounces/acre	Follow label.
	Arena 50WDG		9.6-12.8 ounces/acre	
	*Dursban 5DW		2.0 pounds/acre	
	Merit	0.46-0.6 ounces/1,000 square feet or 14.0-17.0 milliliters/1,000 square feet or 1.25-1.6 pints/acre		
	Talstar PL-G		4.6 pounds/1,000 square feet or 200 pounds/acre	
	Zenith 75		1.6 ounces/11,000 square feet	
Fleas and ticks	Transport		1 packet/1,000 square feet	Follow label.
	Scimitar GS, S	7.0 milliliters/1,000 square feet	10.0 ounces/acre	
	◦Conserve SC	1.2 fluid ounces/1,000 square feet	52.0 ounces/acre	
	Battle WP	6.0 gms/1,000 square feet		
	Battle GC		10.0 ounces/acre	
	Carbaryl (80%WP)	2.0 tablespoons	2.0 pounds	
Sod webworms, Armyworms, Cutworms	Acelepryn		2.0-4.0 ounces/acre	Follow label.
	Arena 0.25G		80-160 pounds/acre	
	Arena 50WDG		9.6-12.8 ounces/acre	
	◦Azatin XL		5.0-16.0 ounces/acre	
	Battle GC		5.0-10.0 ounces/acre	
	◦Mach 2	1.5 ounces/1,000 square feet, 2.0 quarts/acre		
	Lepinox WDG		1.0-2.0 pounds/acre	

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	°Conserve SC (Spinosad)	0.25 ounce/1,000 square feet	10.0 ounces/acre	
	Talstar 10WP	1.0 tablespoons	0.9 ounce-3.5 ounces	
	Onyx	0.07-0.15 ounce/1,000 square feet		
	Dylox (80% SP)	2.5-3.75 ounces/1,000 square feet		
	Dylox LS	4.0-6.0 ounces/1,000 square feet		
	°Condor XL	0.75-1.75 pints/acre		
	°Crymax	0.5-1.5 pounds/acre		
	Carbaryl (50% Dust)	6.5 ounces/1,000 square feet		
	Mavrick Aquaflo	0.75-1.5 teaspoons/1,000 square feet		
Narcissus bulb flies	Dylox 80 T&O		20.0 ounces	Follow label.
Pillbugs	Acelepryn		8.0-20.0 ounces/acre	Follow label.
	Arena 0.25G		80-160 pounds/acre	
	Arena 50WDG		6.4-12.8 ounces/acre	
	Transport		1 packet/1,000 square feet	
Pillbugs, sowbugs	Scimitar GS, CS	3.4-7.0 milliliters/1,000 square feet		Follow label.
	Battle WP	3.0-6.0 gms/1,000 square feet		
Slugs, snails	Niban G		6.0 ounces/100 square feet	Follow label.
	5% Metaldehyde (bait)			Apply to infested areas and clean up hiding places, four times per season; do not use with foliar fertilizers. Toxic to dogs and cats.
	Mesurool 75WP		2.0/5.0 gallons/acre	Follow label.
	Mesurool (4% bait)			
Chiggers (redbugs)	Transport	1 packet/1,000 square feet		Follow label.
	Battle	7.0 milliliters/1,000 square feet or 10.0 ounces/acre		
	Malathion (57% EC)	1.0 tablespoon/1,000 square feet		
Black turfgrass ataeinus	Acelepryn		8.0-12.0 ounces/acre	Follow label.
	Arena 0.25G		80-160 pounds/acre	
	Arena 50WDG		6.4-12.8 ounces/acre	
	Battle GC	7.0 milliliters/1,000 square feet	10.0 ounces/acre	
	Meridian 25WG		12.7-17.0 ounces/acre	
White grubs	Meridian 25WG		12.7-17.0 ounces/acre	Follow label.

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	*Flagship		8.0 ounces/acre	
	Battle GC	7.0 milliliters/1,000 square feet	10.0 ounces/acre	
	Carbaryl SL	10.0 ounces/1,000 square feet		
	Carbaryl 80S		1 7/8 pounds/acre	
	*Merit 75WP	3.0-4.0 teaspoons/1,000 square feet		
	Dylox 6.2G	3.0 pounds/1,000 square feet		
	Mach 2	2.2 fluid ounces/1,000 square feet; 3 quarts/acre		
Ants	Transport	1 packet/1,000 square feet		Follow label.
	Orthene TTO/75S	2.0 teaspoons/mound		Apply dry formulation as a dust to tops of mounds; distribute as evenly as possible.
	Amdro Ant Block			Follow label.
	Orthene TTO/75S	1.0 ounce/5 gallons water		Mound treatment only, 1 gallon/mound.
	Orthene 97S	0.75 ounce/5 gallons		Follow label.
	Distance 0.86 EC	3.0-4.0 tablespoons/mound (Apply at 0.35 to 0.5 ounce/1,000 square feet)		Not approved as quarantine treatment.
	Carbaryl 50WP		2.0 pounds	Water area around mound; may slightly burn grass.
	Carbaryl SL		1.5 quarts	Follow label.
	Carbaryl 80		2.0 pounds	
	Scimitar GS, CS	3.4-7.0 milliliters/1,000 square feet		
	Battle WP	3.0-6.0 gms/1,000 square feet or 5.0-10.0 ounces/acre		
	MaxForce FG	4-8 ounce /200 – 400 linear feet		Apply in band 1-2 feet wide around structures. Not for edible food areas.
Mole crickets	Arena 0.25G		80-160 pounds/acre	Follow label.
	Arena 50WDG		12.8 ounces/acre	Suppression.
	Meridian 25WG		12.7-17.0 ounces/acre	Suppression.
	*Dursban Pro ¹	4.0-6.0 pounds/acre		Golf course.

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	Advion bait	1.15-4.6 pounds/1,000 square feet or 50.0-200.0 pounds/acre		Follow label directions.	
	Dylox 6.2G	3.0 pounds/1,000 square feet		Follow label.	
	Carbaryl (20% bait)	2-4 ounces/1,000 square feet			
	Scimitar GS, CS	3.4-7.0 milliliters/1,000 square feet		Spray in late afternoon and add 8.0 ounces liquid soap with lemon; adjust pH to 5.5-6.0 before adding to water; 0.5 inch water after application.	
	Battle WP	3.0-6.0 gms/1,000 square feet or 10.0 ounces/acre		Follow label.	
	Onyx	0.07-0.15/1,000 square feet			
	Merit 0.5G				
	Merit 75WSP	1.8 pounds/1,000 square feet or 80 pounds/acre			
	*Chipco Choice	1.6 ounces/1,000 square feet			
	Talstar F	12.5-25.0 pounds/acre, 4.6-9.4 ounces/1,000 square feet			
	Talstar G	10.0-40.0 ounces/acre, 0.5-1.0 ounce/1,000 square feet			
	*Top Choice	100-200 pounds/acre or 2.3-4.6 ounces/1,000 square feet			
	*Merit 75WP	87.0 pounds/acre or 2.0 pounds/1,000 square feet			
	Vector MC	4 teaspoons/1,000 square feet or 8.6 ounces/acre			1 box treats 11,000 square feet.
	Homemade baits	50 pounds crumbled laying mash (Purina Layena); 2 quarts 50%-75% Malathion EL; 3 pints crude cottonseed oil; 6 pounds table sugar. OR 100 pounds lay mash; 2 quarts crude molasses; 1-5 quarts water; 2 pounds Malathion; 10-12 pounds/acre.			Follow label.

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Imported fire ants	Transport		1 packet/1,000 square feet	Follow label.
	Meridian 25WG		12.7-17.0 ounces/acre	1.0 gallon/6 inch, drench mound; larger use: 2.0-3.0 gallons, drench. Broadcast uniformly with ground equipment. Prolonged exposure to air will turn oil base rancid; close container tightly after use; use within 3 days after opening; apply when ants are active; distribute uniformly 3-4 feet around base of the mound.
	Amdro or Seige, fire ant bait	1.0-1.5 pounds/acre or 5 level teaspoons/mound		Follow label.
	Astro (pyrethroid)	17.0-34.0 ounces/acre, 0.4-0.8 ounces/1,000 square feet		
	Taurus G (Fipronil)	87 pounds/acre or 2 pounds/1,000 square feet		
	PT 370 Ascend (Clinch/Varsity)	5.0-7.0 tablespoons/mound or 1.0 pound/acre		
	°°Logic 1 % (Award)	1.0-1.5 pounds/acre	1.0-3.0 tablespoons/mound	Follow label.
	Talstar G	100.0-200.0 pounds/acre	2.3-4.6 ounces/1,000 square feet	
	Talstar F	0.5-10.0 ounces/acre	20-40 ounces/acre	
	Scimitar GS, CS	3.4-7.0 milliliters/1,000 square feet		Submerge container or ball until completely saturated. Do not remove container, burlap, or plastic.
	Battle GS	3.0-6.0 gms/1,000 square feet or 5.0-10.0 ounces/acre		Follow label.
	Ceasefire	0.5-5.5 ounces/1,000 square feet or 1.5-15.0 pounds/acre		
	°Conserve SC (Spinosad)	0.1 ounce	1.0 ounce/10 gallons	1.0-2.0 gallons/mound depending on size.
	Carbaryl 50WP		3.0 pounds	Apply 2 gallons of solution over mound.
	Carbaryl SL		1.5 quarts	Thoroughly wet mound and surrounding area to 4-foot diameter.
	Advion (fire ant bait)	0.5 ounces/1,000 square feet	1.5 pounds/acre	Do not disturb mounds prior to treatment.
Orthene TTO/75S	2 teaspoons/mound (mound treatment only)		Apply dry formulation as a dust to tops of mounds; distribute as evenly as possible.	

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	Carbaryl 80S		2.0 pounds	For best results, apply in cool weather.
	XLR Plus	3.0 tablespoons/2.0 gallons/mound		65 F - 80 F early morning or late evening hours.
	Amdro Pro			For pastures and replant.
	∞Distance	1.5 pounds/acre		Follow label.
	Award	1.5 pounds/acre		
	Grenade ER	0.2-0.4 ounce/gal		
	Premise	1.0-1.5 pounds/acre		
	Esteem	2.0-4.0 Tbsps./mound	2.0 pounds/acre	
	∞Distance 0.86EC	3.0-4.0 tablespoons/mound Apply at 0.35-0.5 ounce/1,000 square feet		Not approved as quarantine treatment.
	∞Extinguish	3.0-5.0 tablespoons/mound to perimeter of 4.0 feet or 1.0-1.5 pounds/acre		Follow label.
	∞Extinguish Plus	Same as Extinguish.		These two are a combination of Amdro and Extinguish.
	Fire Strike	-	1.5 pounds/acre	Follow label.
	Transport	1 packet/1,000 square feet/acre		
MaxForce			Sprinkle 2 tablespoons of bait around mound.	
Tawny Crazy Ant – Perimeter home treatment	Ortho Home Defense Max			Follow label for perimeter home treatment.
	Sevin Bug Killer			
	Bayer Advanced Home Carpenter Ant & Termite Killer Plus			
	Bayer Power Force Multi-Insect Killer			
	Spectracide Triazicide Insect Killer			
	Enforcer Outdoor Insect Killer			
	Hi-Yield Garden, Pet & Livestock Insect Control			
	Hi-Yield 38 Plus Turf, Termite & Ornamental Insect Control			
	Alpine WSG			