



**UP-Star**  
SC Lawn and Nursery

INSECTICIDE  
MITICIDE

# SUPERIOR CONTROL INSECTICIDE FOR TURF & ORNAMENTAL

- Controls a wide variety of common pests
- Flexible label for multiple application sites
- SC formulation provides excellent tank-mix utility
- Non-damaging to plants and foliage
- RUP formulation for commercial turf and ornamentals

## USE RATES

### TURF AND GRASS AREA\*

PEST**	USE RATE
Armyworms, Cutworms, Sod Webworms	0.25 fl oz/1,000 sq ft 10 fl oz/acre
Annual Bluegrass Weevil, Billbugs, Centipedes, Chinch Bugs, Crickets, Earwigs, Fleas (adult), Grasshoppers, Leafhoppers, Mealybugs, Millipedes, Mites, Pillbugs, Sowbugs	0.25 - 0.50 fl oz/1,000 sq ft 10.0 - 20.0 fl oz/acre
Fleas (larvae), Japanese Beetle (adult), Ticks	0.50 fl oz/1,000 sq ft 20 fl oz/acre
Ants, Imported Fire Ants, Mole Crickets	1.0 fl oz/1,000 sq ft 40 fl oz/acre

\*Turf includes golf courses & sod farms. Grass areas include golf courses, sod farms, home lawns and lawn areas around parks, institutional, public, commercial and industrial buildings, recreational and athletic fields.

\*\*See label for complete list of labeled pests and application instructions by pest.

**IRAC Class:** Group 3A - insecticide

**Active ingredient:** *Bifenthrin*

**Formulation:** SC (soluble concentrate)

**Package size:** Gallon

## USE RATES

### ORNAMENTAL\*

PEST*	USE RATE
Aphids, Bagworms, Cutworms, Fall Webworms, Leaf Feeding & Ten Caterpillars, Plant Bugs (incl. Lygus spp.)	0.125 - 0.25 fl oz/1,000 sq ft 5.0 - 10.0 fl oz/acre
Beet Armyworm, Budworms, Centipedes, Crickets, Earwigs, Grasshoppers, Gypsy Moth Caterpillars, Leafhoppers, Leafrollers, Mealybugs, Millipedes, Mites, Pillbugs, Scales (Crawlers), Spiders, Thrips, Twig Borers, Wasps, Weevils, Whiteflies	0.25 - 0.50 fl oz/1,000 sq ft 10.0 - 20.0 fl oz/acre
Ants, Imported Fire-Ants, Japanese & Pine Shoot Beetles (adults), Leafminers, Pecan Leaf Scorch Mites	0.50 - 1.0 fl oz/1,000 sq ft 20.0 - 40.0 fl oz/acre

\*See label for detailed uses, application directions and treatment rates.





# UP-STAR SC TURF AND ORNAMENTAL DILUTION CHARTS

**DILUTION CHART PER 1,000 SQUARE FEET**

Application Volume	Application Rate	Fluid ounces of UP-Star SC diluted to these volumes of finished spray			
		1 Gallon	5 Gallons	10 Gallons	100 Gallons
Gal/1000 sq ft	Fl oz/1000 sq ft	Fl oz	Fl oz	Fl oz	Fl oz
1.0	0.125	0.125	0.63	1.25	12.5
	0.25	0.25	1.25	2.50	25.0
	0.50	0.50	2.50	5.00	50.0
	1.00	1.00	5.00	10.0	100.0
2.0	0.125	-	0.31	0.63	6.30
	0.25	0.13	0.63	1.25	12.5
	0.50	0.25	1.25	2.50	25.0
	1.00	0.50	2.50	5.00	50.0
5.0	0.125	-	0.13	0.25	2.50
	0.25	-	0.25	0.50	5.00
	0.50	0.10	0.50	1.00	10.0
	1.00	0.20	1.00	2.00	20.0
10.0	0.125	-	-	0.13	1.30
	0.25	-	0.13	0.25	2.50
	0.50	-	0.25	0.50	5.00
	1.00	0.10	0.50	1.00	10.0

**DILUTION CHART PER ACRE**

Application Volume	Application Rate	Fluid ounces of UP-Star SC diluted to these volumes of finished spray			
		1 Gallon	25 Gallons	50 Gallons	100 Gallons
Gal/Acre	Fl oz/Acre	Fl oz	Fl oz	Fl oz	Fl oz
50	5.0	0.10	2.50	5.00	10.0
	10.0	0.20	5.00	10.0	20.0
	20.0	0.40	10.0	20.0	40.0
	40.0	0.80	20.0	40.0	80.0
100	5.0	0.05	1.25	2.50	5.00
	10.0	0.10	2.50	5.00	10.00
	20.0	0.20	5.00	10.0	20.00
	40.0	0.40	10.0	20.00	40.00
150	5.0	0.03	0.83	1.67	3.30
	10.0	0.07	1.67	3.33	6.70
	20.0	0.13	3.33	6.67	13.3
	40.0	0.27	6.67	13.33	26.7
200	5.0	0.025	0.63	1.25	2.50
	10.0	0.05	1.25	2.50	5.00
	20.0	0.10	2.50	5.00	10.0
	40.0	0.20	5.00	10.0	20.0

See label for details regarding specific uses, labeled pests and application directions.



Contact your local UPI sales representative or distributor, call 1-800-438-6071 or visit [www.upi-usa.com](http://www.upi-usa.com) to learn more.  
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 UP-STAR SC-SPD-17-01