

## Summary Release Rate Table: Plantscapes

Pest	Biocontrol Agent	Rate(s)	Notes
<b>Soft Scale</b>	<i>Harmonia</i>	10/infested plant, weekly	Until established
	<i>Hippodamia</i>	10,000-30,000 per plantscape or per 0.5 ha, 2-3 weeks apart, 2-3 X	Repeat as needed
	<i>Helvolus</i>	5/m <sup>2</sup> or 2-5/infested plant, weekly, X 3	
<b>Armoured Scale</b>	<i>Rhyzobius</i>	2/m <sup>2</sup> or 2-5/infested plant, weekly, 2-3 X	Repeat as needed
	<i>Aphytis</i>	20-60/m <sup>2</sup> of planted area, weekly or bi-weekly, X 4	Repeat as needed
<b>Mealybugs</b>	<i>Cryptolaemus</i>	2/m <sup>2</sup> or 2-5/infested plant	
	<i>Leptomastix</i>	2 m <sup>2</sup> or 5/infested plant	
<b>Two-Spotted Spider Mites</b>	<i>Persimilis</i>	2-10/m <sup>2</sup> of planted area; or 20/damaged leaf; or 100/small plant, weekly	Continue until predators found on all infested leaves; repeat monthly as needed
	<i>Fallacis Californicus</i>	1-5/m <sup>2</sup>	Release when pollen available on plants
<b>Citrus Red Mite &amp; Two-spotted</b>	<i>Fallacis</i>	1/m <sup>2</sup> , weekly or bi-weekly	Until established in all infested areas
<b>Thrips</b>	<i>Stratiolaelaps</i>	1 L/100 m <sup>2</sup> , once	
	<i>Cucumberis</i>	1 slow release bag/large plant, 6-8 weeks intervals; or 30-50 mites/plant, bi-weekly, X 2 if pollen present	If no pollen present, continue releasing >10 mites/plant, bi-weekly
	<i>Orius</i>	>500 adults/release; or 2,000-4,000/0.5 ha	Repeat until established
<b>Aphids</b>	<i>Aphidius</i>	0.1-3 Aphidius/m <sup>2</sup> ; or 0.1-5/plant, weekly	As soon as first aphids detected; repeat until control evident
	<i>Aphidoletes</i>	>2000/hot spot, weekly, 2-3 X; or 1/m <sup>2</sup> planted area, weekly or bi-weekly, 3-5 X	Repeat until established
	<i>Harmonia, Hippodamia</i>	As for scale, above	
<b>Whiteflies</b>	<i>Encarsia</i>	3/m <sup>2</sup> planted area; or 1-5/plant, every 10-14 day, X 4	Continue until >80% whitefly parasitized
	<i>Delphastus</i>	100/hot spot; or 10/infested plant, weekly, 3-4 X	
<b>Black Vine Weevil</b>	Insect parasitic nematodes	Follow product instructions	Apply when larvae in soil, July onwards