

GREENHOUSE CUCUMBER- BIOCONTROL RELEASE RATES

Summary Release Rate Table: Greenhouse Cucumbers (Planting density 1.4 -2 Plants/ m²)

Please Note! These rates are only average rates and this may vary with time of year or size of infestation. Consult the attached detailed release sheets and programs for each crop as well as this table before ordering.

PEST	Before Pest Detected	Rate(s)	When pests detected	Rate(s)	Established populations	Rate(s)
Fungus Gnats	<i>Hypoaspis</i> 25,000/L	50/m ² , twice 34L/ha(14L/acre) x2			Nematodes Bti (Vectobac)	3 applications 7-10 days apart
Western Flower thrips	<i>Cucumeris</i> 50,000/L	100 m ²	<i>Cucumeris</i>	50-100/ plant, week,1S/R bag/5 plants every 2-3 weeks	<i>Orius</i>	0.5/ m ² weekly x 4
Two-spotted Mite	<i>Persimilis</i>	1-2 m ² , once at posts USE Bean leaves	<i>Persimilis</i>	6/m ² , weekly on Bean leaves	<i>Persimilis</i>	100/infested plant weekly; use leaves or HOT SPOT
	<i>Stethorus</i>	100/ha bi-weekly	<i>Stethorus</i>	100/hot-spot, weekly x3	<i>Stethorus</i>	200/h-spot, weekly
Aphids			<i>Aphidius</i>	2000/ha, weekly x 3	<i>Harmonia</i>	10/ infested plant, weekly
			<i>Aphidoletes</i>	2000/ha, weekly x 3	<i>Aphidoletes</i>	2000/h-spot weekly x 3
Whiteflies	<i>Encarsia</i>	2/m ² , weekly	<i>Encarsia</i>	3-5/m ² , weekly	<i>Encarsia</i>	6-10/m ² , weekly
			<i>Delphastus</i>	500/h-spots, weekly x4	<i>Delphastus</i>	1000/h-spot, weekly x2
Caterpillars			<i>Trichogramma</i>	22/m ² , weekly	Btk (Dipel ,Foray)	follow label