

Nemasys® 1:100 Injector Chart

Fungus Gnats

Fungus gnat larvae can be controlled with Nemasys® by making frequent, light applications or less frequent applications at higher rates. Application interval selected should be based on grower preference, management program, and crop growth characteristics. Regardless of interval selected, applications of Nemasys should begin early in the growth cycle for best results.

	Area	Application Volume
Soil Drench	1000 ft ²	50 gal.

Frequent Light Applications (Every 2-3 weeks)

Treated Area	Number of Trays	Water Volume
1,100 ft ²	1 x 50 mil.	0.50 gal.
2,200 ft ²	2 x 50 mil.	1.00 gal.
3,300 ft ²	3 x 50 mil.	1.50 gal.
4,400 ft ²	4 x 50 mil.	2.00 gal.
5,500 ft ²	1 x 250 mil.	2.50 gal.
11,000 ft ²	2 x 250 mil.	5.50 gal
16,500 ft ²	3 x 250 mil.	8.30 gal
22,000 ft ²	4 x 250 mil.	11.00 gal

Less Frequent High Rate Applications (Every 4-6 weeks)

Treated Area	Number of Trays	Water Volume
550 ft ²	1 x 50 mil.	0.25 gal.
1,100 ft ²	2 x 50 mil.	0.50 gal.
1,650 ft ²	3 x 50 mil.	0.75 gal.
2,200 ft ²	4 x 50 mil.	1.00 gal.
2750 ft ²	1 x 250 mil.	1.25 gal.
5,500 ft ²	2 x 250 mil.	2.75 gal
8,250 ft ²	3 x 250 mil.	4.13 gal
11,000 ft ²	4 x 250 mil.	5.50 gal

(Continued)

Western Flower Thrips

Control of western flower thrips (WFT) is best accomplished with a program approach. The initial drench application of Nemasys® should be applied to the soil or growing media for control of soil-dwelling WFT early in the growth cycle, whereas subsequent applications of Nemasys should be made as foliar sprays to target foliar-dwelling WFT.

	Area	Application Volume
Initial Soil Drench	1000 ft ²	50 gal.

	Area	Application Volume
Foliar	1000 ft ²	2.5 gal.

Application		
Treated Area	Number of Trays	Water Volume
1,100 ft ²	1 x 50 million	0.50 gal.
2,200 ft ²	2 x 50 millions	1.00 gal.
3,300 ft ²	3 x 50 millions	1.50 gal.
4,400 ft ²	4 x 50 millions	2.00 gal.
5,500 ft ²	1 x 250 million	2.50 gal.
11,000 ft ²	2 x 250 millions	5.50 gal.
16,500 ft ²	3 x 250 millions	8.30 gal.
22,000 ft ²	4 x 250 millions	11.00 gal.

Light Infestation		
Treated Area	Number of Trays	Water Volume
4,400 ft ²	1 x 50 million	0.10 gal.
8,800 ft ²	2 x 50 millions	0.20 gal.
13,200 ft ²	3 x 50 millions	0.30 gal.
17,600 ft ²	4 x 50 millions	0.40 gal.
22,000 ft ²	1 x 250 million	0.50 gal.
44,000 ft ²	2 x 250 millions	1.00 gal.
66,000 ft ²	3 x 250 millions	1.70 gal.
88,000 ft ²	4 x 250 millions	2.20 gal.

Heavy Infestation		
Treated Area	Number of Trays	Water Volume
2,200 ft ²	1 x 50 million	0.06 gal.
4,400 ft ²	2 x 50 millions	0.11 gal.
6,600 ft ²	3 x 50 millions	0.17 gal.
8,800 ft ²	4 x 50 millions	0.22 gal.
11,000 ft ²	1 x 250 million	0.28 gal.
22,000 ft ²	2 x 250 millions	0.55 gal.
33,000 ft ²	3 x 250 millions	0.83 gal.
44,000 ft ²	4 x 250 millions	1.10 gal.

Backpack Sprayer*		
Treated Area	Number of Trays	Stock Volume
2,200 ft ²	1 x 50 million	5.50 gal.
4,400 ft ²	1 x 50 million	11.00 gal.

* Due to small water volumes, foliar WFT application could be made with a backpack sprayer.