

Nematode Management Vegetables

Table 1. Recommended nematicides, rates and restrictions for managing nematodes in vegetable crops.

Crop	Product Choices¹	Rate²	Comments
Beans (Snap, lima)	Mocap 15G	0.9-1.4 lb/1,000 row ft	Apply in a 12- to 15-inch band.
Brassica leafy vegetables	Velum Prime	6.5-6.84 fl oz/a	Apply by chemigation through low-pressure drip.
	Movento	4.0-5.0 fl oz/ a	Apply when sufficient leaf surface is available. Use a spray adjuvant.
	Nimitz	3.5-5 pts/ a	Apply as broadcast incorporated, banded and incorporated or by drip irrigation. Make no more than 1 application per crop.
Cabbage	Ditera DF	5-38 oz/1,000 ft ²	Apply replant and/or in multiple applications.
	Mocap EC	2.4 oz/1,000 row ft	Apply in a 15-inch band. Do not use a see furrow treatment or allow granules to contact the seed.
	Mocap 15G	0.9 lb/1,000 row ft	Apply in 12- to 15-inch band.
Carrot	Vydate L	1 gal (in-furrow)	Use a minimum of 20 gal of water and incorporate.
Cole crops (broccoli, cabbage, cauliflower)	Ditera DF	5-38.4 oz/1,000 ft ²	Apply pre-plant and incorporate.
Cucumber	Mocap 15G	13 lb	Apply in a 12- to 15-inch band across the row. Mix with the top 2 inches of soil.
Cucurbits (cucumbers, melons, squash, pumpkins, etc.)	Nimitz	3.5-5 pt (7 days pre-plant)	Apply as broadcast incorporated, banded and incorporated or by drip irrigation. Make no more than 1 application per crop.
	Vydate L	1-2 gal (broadcast)	Incorporate 2- 4 inches.
	Velum Prime	6.5-6.84 fl oz/a	Apply through low-pressure drip.
	Ditera DF	5-38 oz/1000 feet	Apply preplant and incorporate.
	Vydate L	2-4 pt	Foliar spray 2-4 weeks after planting and 2- 3 weeks after first spray.
	Paladin	35-51.3 gal/a broadcast	Apply pre-plant. Observe waiting period of 21-42 days before planting, based on temperature.
Cucurbits	Majestene	4-8 qts/a	Apply by soil drench or chemigation.
Eggplant	Nimitz	3.5-5 pt (7 days pre-plant)	Apply as broadcast incorporated, banded and incorporated or by drip irrigation. Make no more than 1 application per crop.
	Vydate L	1 gal (in band) 4 pt (foliar)	Apply in a band 2-3 weeks after transplanting and again 4 weeks later.

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Fruiting Vegetables (eggplant, okra, pepper, tomato)	Movento	4.0-5.0 fl oz/a	Apply when sufficient foliage is present to allow absorption by leaves.
	Velum Prime	6.5-6.84 fl oz/ a	Apply using low pressure chemigation.
	Majestene	4-8 qts/ a	Apply in sufficient water to soak root zone. Can be used prior to planting, at planting and after planting.
	Nimitz	3.5-7 pt	Apply 7 days preplant.
Irish Potato	Mocap 15G	1.4 lb/1,000 row ft	Apply in a 12-inch band and incorporate. Avoid direct application in the seed furrow.
	Movento	4.0-5 fl oz/ a	Apply when enough leaves are present.
	Mocap EC	4.4 oz/1,000 row ft	Same as above.
	Velum Prime	6.5-6.84 fl oz/ a	Apply with overhead chemigation.
	Vydate C-LV	34-68 oz	Apply in-furrow with a minimum of 20 gal of water
Leafy Vegetables	Nimitz	3.5-7 pts/a	Apply 7 days pre-plant.
	Velum Prime	6.5-6.84 fl oz/a	Apply through overhead chemigation.
	Movento	4.0-5.0 fl oz/a	Apply when sufficient foliage is available with maximum of 10 fl oz/a during a crop season.
	Ditera DF	5-38.4 oz/1000 sq ft	Apply pre-plant, at plant, or post-plant or through water in drip irrigation system.
Okra	Nimitz	3.5-5 pt (7 days pre-plant)	Apply as broadcast incorporated, banded and incorporated or by drip irrigation. Make no more than 1 application per crop.
Pepper (bell and non-bell)	Nimitz	3.5-5 pt (7 days pre-plant)	Apply as broadcast incorporated, banded and incorporated or by drip irrigation. Make no more than 1 application per crop.
	Vydate L	2 pt (transplant water)	Add material to transplant water. Use a minimum of 200 gal of water.
		2 pt (drip chemigation)	Supplemental control after a labeled fumigant such as Telone, Vapam or K-Pam.
	Paladin	35-51.3 gal (broadcast)	Follow label and waiting interval of 21-42 days after treating before planting, based on soil temperature.
Root vegetables	Nimitz	3.5-7 pts/ a	Apply 7-10 days before seeding.
Sweet Corn	Counter 15G Lock 'n Load	6-8 oz/1,000 row ft	Apply in-furrow
	Counter 15G	6-8 oz/1,000 row ft	
	Smartbox	4.5-6.0 lb	
	Counter 20G		

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	Mocap 15G	12-16 oz/1,000 row ft	Apply 12- to 15-inch band. Incorporate to 2 to 4 inches.
Tomato	Nimitz	3.5-5 pt (7 days pre-plant)	Apply as broadcast incorporated, banded and incorporated or by drip irrigation. Make no more than 1 application per crop.
	Velum Prime	6.5-6.84 fl oz/a	Apply through low pressure drip.
	Ditera DF	5-38.4 oz/1000 sq ft	Apply pre-plant or in water through irrigation system.
	Vydate L	2-4 pt	Treat every 1-2 weeks throughout the season.
	Paladin	35-51.3 gal/a	Pre-plant treatment. Observe 21- to 42-day planting interval after treatment.
Vegetables (general)	Telone II Telone C-17	9-12 gal (broadcast) 10.8-17.1 gal (broadcast)	Apply 2-3 weeks prior to planting.
	Telone EC	9-18 gal (broadcast)	Use with drip irrigation and reduce rate to match row width
	Telone C-35	13-20.5 gal (broadcast)	Inject 12-14 inches beneath the row
	Vapam HL K-Pam HL	37.5- 75 gal 30-60 gal	Inject and tarp. Inject and tarp for best results.
	Dominus	10-40 gal/a	Observe 10-14-day waiting interval before planting.

¹Reference to commercial or trade names is made with the understanding that no discrimination or endorsement of a particular product is implied by LSU or the LSU AgCenter.

²Rates are the amount of formulation (product) per acre unless otherwise indicated.

The nematode section for vegetables was revised October 2019 by Dr. C. Overstreet.