

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	13-20 lb	Mechanically incorporate to a depth of 2-4 inches.
Brassica leafy vegetables	Velum	6.5-6.84 fl oz	Apply by chemigation through low-pressure drip. Do not apply more than 13.7 fl oz per year.
	Movento	4-5 fl oz (foliar)	Apply when sufficient leaf surface is available. Do not apply more than 10 fl oz per year.
	Nimitz	3.5-7 pt	Apply 30 days before planting as broadcast incorporated, banded and incorporated or by chemigation. Do not apply more than once per crop and 7 pts per year.
Cabbage (specific)	DiTera DF	13-100 lb (broadcast)	Apply pre-plant, at plant, or post-plant. Multiple applications may be required.
	Mocap EC	2.4 oz/1,000 row ft	Apply in a 15-inch band. Mechanically incorporate to a depth of 2-4 inches. Do not use a seed furrow treatment or allow granules to contact the seed.
	Mocap 15G	13 lb	Mechanically incorporate to a depth of 2-4 inches.
Carrot (specific)	Vydate L	1-2 gal	Apply in-furrow using a minimum of 20 gal of water. Do not apply more than 2.5 gal per year.
Cole crops (broccoli, cabbage, cauliflower)	DiTera DF	13-100 lb (broadcast)	Apply pre-plant, at plant, or post-plant. Multiple applications may be required.
Cucumber (specific)	Mocap 15G	13 lb	Mechanically incorporate to a depth of 2-4 inches.
Cucurbits (cucumbers, melons, squash, pumpkins, etc.)	Nimitz	3.5-5 pt	Apply 7-10 days before planting as broadcast incorporated, banded and incorporated or by chemigation. Do not apply more than twice per crop and 7 pts per year.
	Majestene	4-8 qt	Apply by soil drench or chemigation. Can be used prior to planting, at planting, and after planting.
	Vydate L	1-2 gal (broadcast)	Incorporate 2- 4 inches. Do not apply more than 3 gal per year.
	Velum	6.5-6.84 fl oz	Apply by chemigation through low-pressure drip. Do not apply more than 13.7 fl oz per year
	DiTera DF	13-100 lb (broadcast)	Apply pre-plant, at plant, or post-plant. Multiple applications may be required.

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	Vydate L	2-4 pt	Foliar spray 2-4 weeks after planting and 2-3 weeks after first spray.
	Paladin	35-51.3 gal (broadcast)	Follow label and observe temperature dependent waiting interval before planting (21-42 days).
Eggplant (specific)	Vydate L	1 gal (in band) 4 pt (foliar)	Apply in a band 2-3 weeks after transplanting and again 4 weeks later. Do not apply more than 3 gal per year.
Fruiting Vegetables (eggplant, okra, pepper, tomato)	Movento	4-5 fl oz (foliar)	Apply when sufficient leaf surface is available. Do not apply more than 10 fl oz per year.
	Velum	6.5-6.84 fl oz	Apply by chemigation through low-pressure drip. Do not apply more than 13.7 fl oz per year.
	Majestene	4-8 qt	Apply by soil drench or chemigation. Can be used prior to planting, at planting and after planting.
	Nimitz	3.5-7 pt	Apply 7-10 days before planting as broadcast incorporated, banded and incorporated or by chemigation. Do not apply more than once per crop and 7 pts per year.
Irish Potato	Mocap 15G	40-80 gal	Apply uniformly and mechanically incorporate to a depth of 2-4 inches.
	Movento	4-5 fl oz	Apply when sufficient leaf surface is available. Do not apply more than 10 fl oz per year.
	Mocap EC	1-2 gal (broadcast)	Apply uniformly and mechanically incorporate to a depth of 2-4 inches.
	Velum	6.5-6.84 fl oz	Apply with overhead chemigation. Do not apply more than 13.7 fl oz per year.
	Vydate C-LV	34-68 fl oz	Apply in-furrow with a minimum of 20 gal of water.
Leafy Vegetables	Nimitz	3.5-7 pt	Apply 7-10 days before planting as broadcast incorporated, banded and incorporated or by chemigation. Do not apply more than twice per crop and 7 pts per year.
	Velum	6.5-6.84 fl oz	Apply with overhead chemigation. Do not apply more than 13.7 fl oz per year.
	Movento	4-5 fl oz (foliar)	Apply when sufficient leaf surface is available. Do not apply more than 10 fl oz per year.
	DiTera DF	13-100 lb (broadcast)	Apply pre-plant, at plant, or post-plant. Multiple applications may be required.

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Okra	Nimitz	3.5-7 pt	Apply 7-10 days before planting as broadcast incorporated, banded and incorporated or by chemigation. Do not apply more than once per crop and 7 pts per year.
Pepper (specific)	Nimitz	3.5-7 pt	Apply 7-10 days before planting as broadcast incorporated, banded and incorporated or by chemigation. Do not apply more than once per crop and 7 pts per year.
	Vydate L	2 pt (transplant water)	Add material to transplant water. Use a minimum of 200 gal of water. Do not apply more than 12 pt per year.
		2 pt (drip chemigation)	Supplemental control after a labeled fumigant such as Telone, Vapam or K-Pam. Do not apply more than 12 pt per year.
	Paladin	35-51.3 gal (broadcast)	Follow label and observe temperature dependent waiting interval before planting (21-42 days).
Root vegetables	Nimitz	3.5-7 pt	Apply 7-10 days before planting. Do not apply more than once per crop and 7 pts per year.
Sweet Corn	Counter 20G Lock 'n Load Counter 20G Smartbox	4.5-6.0 oz/1,000 row ft	Apply in-furrow. Do not exceed 6.5 lb/A per year.
	Mocap 15G	40 lb (broadcast)	Mechanically incorporate to a depth of 2-4 inches. Waiting interval of 3 days before planting.
Tomato (specific)	Nimitz	3.5-7 pt	Apply 7-10 days before planting as broadcast incorporated, banded and incorporated or by chemigation. Do not apply more than once per crop and 7 pts per year.
	DiTera DF	13-100 lb (broadcast)	Apply pre-plant, at plant, or post-plant. Multiple applications may be required.
	Vydate L	2-4 pt	Apply by chemigation every 1-2 weeks. Do not apply more than 12 pt per year.
	Paladin	35-51.3 gal (broadcast)	Follow label and observe temperature dependent waiting interval before planting (21-42 days).
Vegetables – General (Soil Fumigants)	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.

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	Vapam HL K-Pam HL	37.5- 75 gal 30-60 gal	Inject and tarp.
	Dominus	10-40 gal	Waiting interval of 10-14 days 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 2022 by T. Watson.