

Eggplant, Pepper, & Tomato XXIV-2

Flea Beetles

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Flea beetle adult.

Flea beetles are primarily a seedling problem, with tobacco flea beetle being very common in southern Colorado. Typically infestations are most severe along field edges, near where the insects overwinter.

Note: The following products are listed for eggplant, and may or may not be listed for other crops. Check product label for usage restrictions.

Product List for flea beetles:

Insecticide	Product per Acre	Preharvest Interval, Remarks
Sevin XLR+ ¹ , 4F ¹	1 qt	(0 days) A carbamate insecticide (carbaryl). The 80S, 4F and 50W formulations are highly hazardous to bees. Some rotational restrictions. May be used with sprinkler irrigation. 12-24 hour reentry interval proposed.
Sevin 80S ¹	1.25 lb	
Sevin 50W ¹	2 lb	
Thiodan 50W ¹ Thiodan 3E ¹ , Endocide 3E ¹	1 lb	(1 day) Some rotational restrictions on root crops. 2 applications maximum per year. 48 hour reentry interval proposed. Chlorinated hydrocarbon insecticide (endosulfan).
Pounce 3.2E ^R Ambush 2E ^R Ambush 25W ^R , Pounce 25W ^R	8 fl oz 12.8 fl oz 12.8 fl oz	(3 days) Proposed 24 hour reentry interval. Pounce and Ambush are pyrethroid insecticides (permethrin). Acutely toxic to fish and other aquatic organisms.
Asana XL ^{R,1}	5.8-9.6 fl oz	(7 days) Proposed 24 hour reentry interval. Pyrethroid insecticide (esfenvalerate). Some rotation

Vydate L ^R	1-2 qt	restrictions with root crops. (1 day) High leaching potential. Carbamate insecticide (oxamyl). 48 hour reentry interval.
Capture 2E ^R	2.1-6.4 fl. oz.	7 days. Eggplant only. Maximum 12.8 fl. oz./acre/season.

^RRestricted use pesticide. ^ILabeled for chemigation.

The information herein is supplied with the understanding that no discrimination is intended and that listing of commercial products, necessary to this guide, implies no endorsement by the authors or the Extension Services of Nebraska, Colorado, Wyoming or Montana. Criticism of products or equipment not listed is neither implied nor intended. Due to constantly changing labels, laws and regulations, the Extension Services can assume no liability for the suggested use of chemicals contained herein. Pesticides must be applied legally complying with all label directions and precautions on the pesticide container and any supplemental labeling and rules of state and federal pesticide regulatory agencies. State rules and regulations and special pesticide use allowances may vary from state to state: contact your State Department of Agriculture for the rules, regulations and allowances applicable in your state and locality.

Categories: Flea beetle, Tobacco flea beetle, Eggplant, Pepper, Tomato, Insects

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