

# Eggplant, Pepper, & Tomato XXIV-5

## "Worm" Complex

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Tomato hornworms, tomato fruitworm, and various "armyworms," "loopers," "cutworms," and "webworms" may feed on foliage and fruit. Needs for controls are very sporadic.

*Product List for "Worm" Complex:*

Insecticide	Product per Acre	Preharvest Interval, Remarks
Dipel 2X, Biobit W	0.5-2.0 lb	0 days <i>Bacillus thurengiensis</i> product. Most formulations are acceptable under current regulations for Certified Organic Produce.
Dipel 4L, Biobit F	0.5-2 pt	
Javelin WG	0.125-0.5 lb	
Pyronone	2-6 fl oz	0 days. A botanical insecticide (pyrethrins) combined with a synergist, (piperonyl butoxide).
Sevin XLR+ <sup>1</sup> , 4F <sup>1</sup>	1 qt	0 days. A carbamate insecticide (carbaryl). <b>The 80S, 4F and 50W formulations are highly hazardous to bees.</b> Some rotational restrictions. May be used with sprinkler irrigation. 12-24 hour reentry interval proposed.
Sevin 80S <sup>1</sup>	1.25 lb	
Sevin 50W <sup>1</sup>	2 lb	
Thiodan 50W <sup>1</sup>	1 lb	1 day. Some rotational restrictions on root crops. 2 applications maximum per year. 48 hour reentry interval proposed. Chlorinated hydrocarbon insecticide (endosulfan).
Thiodan 3E <sup>1</sup> , Endocide 3E <sup>1</sup>		
Pounce 3.2E <sup>R</sup>	8 fl oz	3 days. Proposed 24 hour reentry interval. Pounce and Ambush are pyrethroid insecticides (permethrin). <b>Acutely toxic to fish and other aquatic organisms.</b>
Ambush 2E <sup>R</sup>	12.8 fl oz	
Ambush 25W <sup>R</sup> , Pounce 25W <sup>R</sup>	12.8 fl oz	
Asana XL <sup>R,1</sup>	5.8-9.6 fl oz	
Baythroid 2 <sup>R</sup>	1.6-2.8 fl oz	7 days. Registered for peppers and

		tomatoes. Maximum 16.8 fl oz product per season, with minimum 7 day intervals between treatments. May aggravate problems with green peach aphid.
Kryocide 96W	8-12 lbs	14 days. Inorganic insecticide (sodium aluminofluoride) with stomach poison activity. Maximum 24 lb product per season.
Warrior <sup>R</sup>	1.92-3.84 fl oz	5 days. Registered for tomato only. Pyrethroid insecticide. Maximum 0.36 lb (AI)/acre per season
Confirm 2F	6 - 16 fl. oz.	7 days. Lower rates for early season, lower levels of pest activity. Maximum 64 fl. oz./acre/season.

<sup>R</sup>Restricted use pesticide. <sup>1</sup>Labeled 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: Worm Complex, Tomato Fruitworm, Armyworm, Cutworms, Webworms, Pepper, Insects

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