

Spinach XXIX-3

Spinach Leafminer

Whitney S. Cranshaw



Leafminer

Identification (and life cycle/seasonal history)

The larval stages feed within leaves. The effects of feeding on plant health seem negligible, but the blotchy mines make greens less marketable.

Chemical Control

Egg laying occurs during early spring, with most damage occurring two or three weeks later. Insecticides should be applied before eggs are laid.

Product List for Defoliating Caterpillars:

Insecticide	Product per Acre	Preharvest Interval, remarks
Pounce 25W ^{R1} , Ambush 25W ^{R1}	6.4-12.8 oz	(1 day) All permethrin (Ambush, Pounce) formulations are Restricted Use.
Pounce 3.2 ^{R1}	4-8 fl oz	
Ambush 2E ^{R1}	6.4-12.8 0 oz	
Diazinon AG500	0.5-1.0 Pt	(10 days) Organophosphate insecticide. 24 hour reentry proposed. Not labelled for chemigation.
Diazinon 50W	1-1.5 lb	
Cygon 400, Dimethoate 400	0.5 Pt	(14 days). Four day reentry interval. Systemic insecticide. Organophosphate insecticide (dimethoate). Do not store below 45 degrees.
Dimethoate 267	0.67 pt	

^RRestricted Use Product. ¹Labeled 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: Leafminers, Insects, Spinach

Date: 05/05/2002