

***Insect Management in Fall Spinach- 2003:*** 'Seven-R' spinach was planted on Sept 2 at the University of Delaware Research and Education Center located near Georgetown, DE. Two row plots twenty ft long on 30-inch centers were replicated 4 times and arranged in a RCB design. All treatments were broadcast applied on Sept 25, Oct 2 and Oct 16. Treatments were applied with a CO<sub>2</sub> pressurized backpack sprayer delivering 18 gpa @ 40 psi. The number of webworm larvae on each of 10 randomly selected plants per plot was recorded on Sept 29, Oct 7, 14, 21 and 27. Data were analyzed using ANOVA and means were separated by Ryan's q-test (P=0.05).

Webworm pressure was low - moderate. All treatments provided significantly better webworm control compared to the untreated check. No phytotoxicity was observed.

Treatment	Rate/A	Number Webworms/10 Plants				
		Sept 18 4 DAT	Oct 7 5 DAT	Oct 14 12 DAT	Oct 21 5 DAT	Oct 28 12 DAT
Assail 70WP	1.7 oz	0.00a	0.00a	1.50a	1.25b	0.25a
S-1812 4EC	4.8 oz	0.50a	0.00a	0.00a	0.25bc	0.25a
S-1812 35WP	.29 lbs	0.25a	0.00a	0.25a	0.50bc	0.00a
S-1812 35WP	.43lbs	0.00a	0.00a	0.25a	0.00c	0.00a
S-1812 35WP	.60 lbs	0.00a	0.00a	0.25a	0.00c	0.00a
Mustang MAX .8 EW	2.88 oz	0.75a	0.00a	0.00a	0.25bc	0.00a
Mustang MAX .8EC	4 oz	0.50a	0.25a	0.00a	0.25bc	0.00a
Warrior 1CS	3.84	0.50a	0.00a	0.00a	0.00c	0.00a
Spintor 2SC	5 oz	0.75a	0.25a	1.00a	0.25bc	0.25a
Avaunt 30WDG	3.5 oz	0.00a	0.25a	0.00a	0.00c	0.00a
Intrepid 2F	8 oz	0.00a	0.25a	0.50a	0.00c	0.00a
Untreated	-----	3.50b	1.50b	3.25b	3.00a	2.00b

Means within a column followed by the same letter are not significantly different (Ryan's Q; P=0.05).