

**Aphid Management in Fall Spinach, 2005:** 'Vancouver' spinach was planted on August 26 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 Oct 5. Treatments were applied with a CO<sub>2</sub> pressurized backpack sprayer delivering 18.5 gpa @ 40 psi. The number of aphids on each of 10 randomly selected plants per plot was recorded on Oct 4, 11 and 20. Data were analyzed using ANOVA and means were separated by Ryan's q-test (P=0.05).

Aphid pressure was low. All treatments provided significantly better aphid control compared to the untreated check. Lannate LV provided the lowest level of control on Oct 12 (7DAT). No phytotoxicity was observed.

Treatment	Rate/A	Green Peach Aphids/10 plants		
		Oct 4 Pre-Count	Oct 12 7 DAT	Oct 20 15 DAT
Assail 30SG	0.17 lb	21.25a	1.50c	3.25bc
Beleaf 50SG	0.13 lbs	13.75a	0.75c	2.75bc
Beleaf 50SG	0.14 lbs	14.50a	0.00c	1.75c
Provado 1.6F	3.75 oz	16.25a	0.25c	3.00bc
Actara 25WG	2 oz	16.00a	0.25c	3.50bc
Fulfill 50WG	2.8 oz	10.50a	0.50c	4.25bc
Lannate LV	1.5 pt	15.75a	5.75b	10.50b
Untreated	-----	12.00a	15.00a	23.00a

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