

Foliar Insect Management in Snap Beans, 2009: ‘Slenderette’ snap beans were planted on June 22 at the University of Delaware’s Research and Education Center located near Georgetown, DE. Plots consisted of four 25 ft-long plots on 30-inch centers. Foliar treatments were applied on July 22 (bud stage), July 29 (pin stage) and Aug 5 (one week from harvest) with a CO₂ pressurized wheel-barrow sprayer delivering 26 gpa @ 40 psi. Snap beans were harvested on August 10 from a 6 ft row section and all the beans were evaluated for corn borer and corn earworm injury. Data were analyzed using Proc GLM and means were separated by Tukey’s means separation test (P=0.05).

European corn borer pressure was extremely light. Corn earworm (CEW) pressure was light to moderate. All treatments provided a significantly lower percentage of CEW damaged beans compared to the untreated check except the Blackhawk, Coragen and Alverde treatments. No phytotoxicity was observed.

Treatment	Rate/Acre	Mean % Corn Earworm Damaged Beans ¹
Avaunt 30WG	3.5 oz	0.50b
Avaunt 30WG	6 oz	1.00b
BlackHawk	3.3 oz	2.00ab
Intrepid 2F	10 oz	0.75b
Synapse 24WG + LI-700	3 oz + 0.25% v/v	0.50b
Coragen 1.67 SC	5.0 oz	2.50ab
DPX HGW86 10SE	20.5 oz	0.75b
Warrior II	1.75 oz	0.50b
Alverde 2SC + LI 700	16 oz + 0.5% V/V	2.00ab
Untreated	-----	4.50a

¹ Means within a column followed by the same letter are not significantly different (Tukey's; P=0.05).