

**Wireworm Management in Sweet Corn Using Seed Treatments, 2005:** ‘Eliminator’ sweet corn was planted on April 18 at the University of Delaware Research and Education Center located near Georgetown, DE. Four-row 20 foot long plots on 30-inch centers were replicated 4 times in a RCB design. Seeds treatments were commercially applied by Gustafson. Stand counts and wireworm damaged plants were evaluated on a 7-10 day basis from May 2 through May 31. Yields were not taken due to deer damage. Data were analyzed using ANOVA and means were separated by Ryan’s q-test (P=0.05).

Wireworm pressure was low. All treatments provided significantly better wireworm control compared to the untreated check except the Gaucho and Cruiser on May 23 and the Gaucho on May 31. All treatments provided significantly higher stand counts compared to the untreated check. No phytotoxicity was observed.

Table I. Wireworm Damage Data

Treatment	Rate	WW/4 ft of row	% Wireworm Damaged	
		May 2	May 23	May 31
Untreated	---	0.75a	3.93a	2.43a
Captan 400 Thiram 42S Allegiance FL	94 G ai/100 KG 78 G ai/100 KG 15 G ai/100 KG	0.00a	0.00b	0.97ab
Captan 400 Thiram 42S Allegiance FL Poncho 600 FS	94 G ai/100 KG 78 G ai/100 KG 15 G ai/100 KG 0.25 MG ai/seed	0.00a	0.00b	0.00b
Captan 400 Thiram 42S Allegiance FL Vortex Gaucho 480	94 G ai/100 KG 78 G ai/100 KG 15 G ai/100 KG 1.25 G ai/100 KG 0.25 MG ai/seed	0.00a	0.96ab	1.31ab
Captan 400 Thiram 42S Allegiance FL L-1243-A Poncho 600 FS	94 G ai/100 KG 78 G ai/100 KG 15 G ai/100 KG 110 G ai/100 KG 0.25 MG ai/seed	0.50a	0.46b	0.00b
Maxim Apron XL Dividend Extreme Cruiser 5FS	2.5 G ai/100 KG 7.5 G ai/100 KG 130.1 ml/100 KG 0.25 MG ai/seed	0.50a	1.36ab	0.00b

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

Table 2. Stand Count

Treatment	Rate	Plants per 40 ft of row			
		May 2	May 9	May 23	May 31
Untreated	---	40.75b	43.25b	45.00b	44.0b
Captan 400 Thiram 42S Allegiance FL	94 G ai/100 KG 78 G ai/100 KG 15 G ai/100 KG	52.25a	53.50a	52.75a	54.75a
Captan 400 Thiram 42S Allegiance FL Poncho 600 FS	94 G ai/100 KG 78 G ai/100 KG 15 G ai/100 KG 0.25 MG ai/seed	54.25a	56.50a	56.25a	59.25a
Captan 400 Thiram 42S Allegiance FL Vortex Gaucho 480	94 G ai/100 KG 78 G ai/100 KG 15 G ai/100 KG 1.25 G ai/100 KG 0.25 MG ai/seed	51.00a	53.25a	53.75a	55.75a
Captan 400 Thiram 42S Allegiance FL L-1243-A Poncho 600 FS	94 G ai/100 KG 78 G ai/100 KG 15 G ai/100 KG 110 G ai/100 KG 0.25 MG ai/seed	51.50a	53.25a	53.00a	55.75a
Maxim Apron XL Dividend Extreme Cruiser 5FS	2.5 G ai/100 KG 7.5 G ai/100 KG 130.1 ml/100 KG 0.25 MG ai/seed	52.75a	55.25a	55.25a	55.50a

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