

Seed Corn Maggot Management in Sweet Corn Using Seed Treatments, 2005: ‘Incredible’ 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 planted on 30-inch centers were replicated 4 times in a RCB design. Seeds treatments were commercially applied by Gustafson. Seed corn maggot (SCM) infestation levels and stand counts were evaluated on May 9. Yields were not taken due to poor stand conditions. Data were analyzed using ANOVA and means were separated by Ryan’s q-test (P=0.05).

Seed Corn Maggot pressure was low. Stand emergence was extremely uneven due to seed size irregularity and planting difficulty into corn stalk cover. No phytotoxicity was observed.

Treatment	Rate	SCM per 4 ft of row May 9	Stand Count per 40 ft of row May 9
Untreated	---	0.75a	32.35a
Poncho 600 FS	0.25 MG ai/seed	0.50a	39.25a
Dynasty FS Cruiser 600 FS	1 G ai/100 KG 0.25 MG ai/seed	1.25a	21.00a
Trilex Poncho 600 FS	5 G ai/100 KG 0.25 MG ai/seed	0.75	36.00a
Force 3 G	5.5 lbs/A	1.25a	21.00a

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