

**Soil Insect Management in Field Corn Using Seed Treatments - 2001:** Pioneer '3394' was planted on April at the University of Delaware Research and Education Center located near Georgetown, DE at a rate of 68 seeds per 40 foot of row. Four-row 40 foot long plots on 30-inch centers were replicated 4 times in a RCB design. Seeds treatments were commercially applied by Gustafson and Syngenta Seeds. The in-furrow application of Force 3G was applied in-furrow at-planting. Stand counts and grub damaged plants (\* 10 Stunted Plants dug up and found grubs under plants) per 80 foot of row were evaluated on a 7-10 day basis from May 7 through May 31. Yields were taken from all four rows of each plot on September 11. Data were analyzed using ANOVA and means were separated by Ryan's q-test (P=0.05).

No significant difference was observed between the treatments and the untreated check.

Treatment	Rate	Yield BU/A	% White Grub Damaged Plants *	Grubs per 3 foot of row	% White Grub Damaged Plants *	Stand Count - Plants per 80 foot of row (2 row plots)		
			May 7	May 15	May 31	May 7	May 15	May 31
Untreated	----	117.39a	2.5a	.75a	17.5a	113.0a	103.3a	116.5a
Force 3G *	5.5 lbs/A	126.97a	7.5a	.50a	9.3a	119.0a	122.8a	123.0a
Gaicho	.161 mg ai/seed	151.79a	2.5a	.75a	9.3a	123.5a	121.0a	122.0a
Prescribe	1.34 mg ai/seed	130.36a	7.5a	.50a	7.8a	118.5a	111.0a	118.0a
Clothianidin	.25 mg ai/seed	127.17a	10.0a	.50a	8.5a	116.8a	118.5a	117.3a
Adage	50 g ai/100 kg of seed	133.34a	5.0a	.75a	7.3a	120.3a	124.5a	121.0a

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