



White grub control on corn with planting time and seed treatment insecticides, 2001.

Gerald Wilde and Jeff Whitworth, Department of Entomology, Kansas State University.

PEST: White grub, *Phyllophaga* sp.

CROP: Corn various hybrids

Location: Fairview, KS

Application Date: May 7, 2001

Application: Applied and planted with v-belt seeder

Yield: Data will be taken at maturity

Experimental Design: RCB, 1 row 30 ft: 3 replications

Evaluation Method: Counted number of live plants on June 9. Stunt rating on June 9 using 0-10 scale (0=No stunting, 10 = Severe stunting)

Insecticide Applied: Treatments (See table below)

#	Treatment	Form	Rate	Plants per 30 ft	Damage Rating
1	Proshield	ST	0.7 g/100m	33.6 ab	0.3 de
2	Force	3G	4 oz/IF	31.0 ab	1.0 c
4	Aztec	2.1	6.7/IF	36.3 a	0.7 cd
5	Lorsban	15G	8 oz/IF	28.7 b	1.7 b
6	Counter	20 CR	6 oz/IF	29.0 b	0.7 cd
7	Prescribe	ST	1.34 mg/seed	33.0 ab	0.0 e
8	Gaicho	ST	0.16 mg/seed	29.3 b	0.3 de
9	Clothianidin	ST	0.25 mg/seed	31.0 ab	0.0 e
10	Clothianidin	ST	1.25 mg/seed	29.3 b	0.0 e
11	Clothianidin	ST	1.5 mg/seed	31.3 ab	0.0 e
13	80698	ST	50 g/kg 100	29.3 b	1.0 c
14	80698	ST	100 g/kg 100	29.0 b	1.0 c
15	Untreated	-----	-----	7.7 c	8.7 a
16	Cruiser	ST	1.2 fl oz/cwt	30.0 b	0.0 e
				LSD=5.9	LSD=0.65

Reference to specific products is provided solely for informational purposes. Experiments with pesticides on non-labeled crops or pests is part of the insecticide registration process, it does not imply endorsement or recommendation of non-labeled uses of pesticides by Kansas State University. All pesticide use must be consistent with current labels.

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