2006 corn flea beetle control on corn with seed treatments in Kansas.
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Evaluation date: September 08, 2006

Pest:	Corn flea beetle, *Chaetocnema pulicaria*
Crop:	Corn, 20 treatments
Location:	Hesston, Kansas
Hybrids:	Trt 1, 3-13: N67-D6 Trt 2, 14-20: TAX 13676
Planting Date:	April 14, 2006
Soil Characteristics:	To be obtained
Plot Size:	1 row, 25 ft.
Experimental Design:	Randomized Complete Block, 4 replications
Planting Information:	Corn planted 1-2 inch depth. Soil in good moist condition at planting, 30 inch rows, disc just before planting.
Field History:	to be obtained
Phytotoxicity:	None noted
Evaluation:	Estimated amount of flea beetle leaf feeding on first leaf on 05/20/06. Feeding rating using 0-10 scale where 0 = no feeding, 1= 0-10%, 2= 10-20%, 3= 20-30%, 4= 30-40%, 5=40-50%

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Trt. No.	Treatment/ Product Name	Damage Rating (Mean ± SE)	Yield (bu/ac) (Mean ± SE)
1	Untreated check	2.6 ± 0.4a	35.10 ± 3.86ab
2	Cruiser 5 FS @ 0.25 MGA/seed	0.0 ± 0.0c	37.05 ± 3.77ab
3	Cruiser 5 FS @ 0.25 MGA/seed + Force 20 CS @ 5.0 GA/100 Kg seed	0.2 ± 0.1c	37.70 ± 2.65ab
4	Cruiser 5 FS @ 0.25 MGA/seed + Force 20 CS @ 10.0 GA/100 Kg seed	0.0 ± 0.0c	33.48 ± 2.15ab
5	Cruiser 5 FS @ 0.25 MGA/seed + Force 20 CS @ 20.0 GA/100 Kg seed	0.0 ± 0.0c	33.15 ± 2.16ab
6	Cruiser 5 FS @ 0.25 MGA/seed + Force 20 CS @ 40.0 GA/100 Kg seed	0.1 ± 0.1c	43.55 ± 2.93ab
7	Cruiser 5 FS @ 0.25 MGA/seed + A13219 CS @ 5.0 GA/100 Kg seed	0.0 ± 0.0c	37.38 ± 2.62ab
8	Cruiser 5 FS @ 0.25 MGA/seed + A13219 CS @ 10.0 GA/100 Kg seed	0.0 ± 0.0c	39.65 ± 3.85ab
9	Cruiser 5 FS @ 0.25 MGA/seed + A13219 CS @ 20.0 GA/100 Kg seed	0.0 ± 0.0c	39.65 ± 4.64ab
10	Cruiser 5 FS @ 0.25 MGA/seed + A13219 CS @ 40.0 GA/100 Kg seed	0.1 ± 0.1c	36.40 ± 3.31ab
11	Poncho 250 5 SC @ 0.25 MGA/seed	0.0 ± 0.0c	41.60 ± 5.01ab
12	Poncho 600 @ 0.25 MGA/seed	0.1 ± 0.1c	43.88 ± 3.16a
13	Force 3 G @ 1.12 GA/100 row meter	1.0 ± 0.3b	36.08 ± 2.97ab
14	Untreated check	1.3 ± 0.3b	39.65 ± 2.46ab
15	V-10170 2.32 SC @ 0.25 MGA/seed	0.0 ± 0.0c	39.98 ± 4.29ab
16	V-10170 2.32 SC @ 0.35 MGA/seed	0.2 ± 0.1c	42.58 ± 4.48ab
17	V-10112 1.77 SC @ 0.25 MGA/seed	0.3 ± 0.1c	42.58 ± 7.01ab
18	V-10112 1.77 SC @ 0.35 MGA/seed	0.2 ± 0.1c	38.35 ± 4.76ab
19	V-10194 EC @ 0.25 MGA/seed	0.4 ± 0.1c	32.83 ± 3.50b
20	V-10194 EC @ 0.30 MGA/seed	0.0 ± 0.0c	37.38 ± 4.76ab

Means within a column followed by the same letter are not significantly different ($P > 0.05$; PROC GLM; Mean comparison by LSD [SAS Institute 2003]).

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