



Greenbug Control on Sorghum with seed and planting time treatments.
Lyons, KS 2005

Gerald Wilde, Department of Entomology, Kansas State University

Pest:	Greenbug, <i>Schizaphis graminum</i>
Crop:	Sorghum, 14 treatments; Treatment 1-7, Pioneer 84G62; treatment 8-14, NC+371
Location:	Lyons, Kansas
Planting Date:	June 22, 2005
Plot Size:	1 row, 30 ft
Experimental Design:	Randomized Complete Block; 4 Replications
Planting Information:	Granules applied in furrow with v-belt seeder. Sorghum planted 1-2 inch depth. Soil in good moist condition at planting, 30 inch rows, disc before planting.
Field History:	Sorghum 2004
Phytotoxicity:	none noted
Evaluation:	Counted greenbug/plant on 2 plants/replication on 08/15/05

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Evaluation date: August 15, 2005

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No.	Treatment/ Product Name	Application	Greenbug/plant
1	Untreated	-----	158.1 ± 46.7a
2	Cruiser 5FS @ 200 GA/100 Kg seed	ST	17.4 ± 12.1bc
3	A9765 FS @ 0.061 MgA/seed	ST	6.9 ± 3.1c
4	A9765 FS @ 0.075 MgA/seed	ST	2.5 ± 1.6c
5	A9765 FS @ 0.091 MgA/seed	ST	2.5 ± 1.9c
6	STP15255 @ 250 GA/100 Kg seed	ST	11.3 ± 6.4bc
7	STP15255 @ 200 GA/100 Kg seed	ST	1.3 ± 1.3c
8	Concep III @ 0.64 fl.oz/cwt		15.4 ± 6.2bc
9	Gaucho 480FS @ 250 GA/100 Kg seed	ST	38.8 ± 14.5bc
10	Poncho 600 @ 200 GA/100 Kg seed	ST	17.5 ± 12.2bc
11	Cruiser 5FS @ 200 GA/100 Kg seed	ST	18.8 ± 9.2bc
12	Counter 15G @ 8 oz./1000 row ft	IF	10.6 ± 7.7c
13	Cruiser 5FS @ 200 GA/100 Kg seed	ST	12.5 ± 12.5bc
14	Concur @ 312.5 gm/100 Kg seed	ST	58.1 ± 24.3b

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]).

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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