



**2006 Corn Leaf Aphid Control on Sorghum. Hays, Kansas.
Tom Harvey, Hays Experimental Station, Kansas State University
Gerald Wilde, Department of Entomology, Kansas State University
Evaluation date: June 27, 2006**

Pest:	Corn leaf aphid, <i>Rhopalosiphum maidis</i>
Crop:	Sorghum,
Location:	Hays, Kansas
Planting Date:	May 18, 2006
Hybrid:	to be obtained
Soil Characteristics:	To be obtained
Plot Size:	1 row, 15 ft
Experimental Design:	Randomized Complete Block; 4 Replications
Planting Information:	Sorghum planted 1-2 inch depth. Soil in good moist condition at planting, 30 inch rows, disc before planting.
Field History:	to be obtained
Phytotoxicity:	none noted
Evaluation:	Counted corn leaf aphids/plant on 5 plants/replication on 06/27/06.

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No.	Treatment/ Product Name	Corn leaf aphid/plant
1	Untreated check	44.3 ± 15.7b
2	Cruiser 5 FS @ 200 GMAI/100 KG seed	2.2 ± 0.8c
3	V-10112 1.77 SC @ 200 GMAI/100 KG seed	34.7 ± 17.7b
4	V-10112 1.00 GR @ 300 GMAI/100 KG seed	31.5 ± 17.8b
5	V-10112 1.77 SC @ 400 GMAI/100 KG seed	5.1 ± 3.1c
6	V-10170 2.32 SC @ 175 GMAI/100 KG seed	0.3 ± 0.3c
7	V-10170 2.32 SC @ 200 GMAI/100 KG seed	0.1 ± 0.1c
8	V-10170 2.32 SC @ 250 GMAI/100 KG seed	0.5 ± 0.4c
9	V-10194 EC @ 175 GMAI/100 KG seed	1.8 ± 1.1c
10	V-10194 EC @ 200 GMAI/100 KG seed	0.5 ± 0.3c
11	V-10194 EC @ 200 GMAI/100 KG seed	4.5 ± 1.6c
12	V-10194 EC @ 225 GMAI/100 KG seed	1.5 ± 0.6c
13	Untreated	81.3 ± 18.8a
14	Gaucho 480 FS @ 250 GMAI/100 KG seed	1.0 ± 0.6c
15	Poncho 600 @ 200 GMAI/100 KG seed	0.2 ± 0.1c
16	Poncho 600 @ 250 GMAI/100 KG seed	0.1 ± 0.1c
17	Cruiser 5 FS @ 200 GMAI/100 KG seed	0.3 ± 0.2c
18	Counter 20CR @ 206 GMAI/100 row meter	5.5 ± 2.4c
19	Cruiser 5 FS @ 200 GMAI/100 KG seed	0.1 ± 0.1c
20	Poncho 600 @ 200 GMAI/100 KG seed	1.6 ± 1.5c
21	Poncho 600 @ 200 GMAI/100 KG seed	0.3 ± 0.2c

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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