



**2006 Corn Leaf Aphid Control on Sorghum. Manhattan, Kansas.  
Gerald Wilde, Department of Entomology, Kansas State University  
Evaluation date: July 08, 2006**

Pest:	Corn leaf aphid, <i>Rhopalosiphum maidis</i>
Crop:	Sorghum
Location:	Manhattan, Kansas
Planting Date:	May 22, 2006
Hybrids:	to be obtaine
Soil Characteristics:	To be obtained
Plot Size:	1 row, 20 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:	Sunflower, 2005
Phytotoxicity:	none noted
Evaluation:	Counted corn leaf aphids/plant on 4 plants/replication on 07/08/06.

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<b>No.</b>	<b>Treatment/ Product Name</b>	<b>Corn leaf aphid/plant</b>
1	Untreated check	70.0 ± 13.2a
2	Cruiser 5 FS @ 200 GMAI/100 KG seed	15.6 ± 12.7cd
3	V-10112 1.77 SC @ 200 GMAI/100 KG seed	34.4 ± 11.8b
4	V-10112 1.00 GR @ 300 GMAI/100 KG seed	31.3 ± 10.1bc
5	V-10112 1.77 SC @ 400 GMAI/100 KG seed	0.0 ± 0.0d
6	V-10170 2.32 SC @ 175 GMAI/100 KG seed	0.0 ± 0.0d
7	V-10170 2.32 SC @ 200 GMAI/100 KG seed	0.0 ± 0.0d
8	V-10170 2.32 SC @ 250 GMAI/100 KG seed	0.0 ± 0.0d
9	V-10194 EC @ 175 GMAI/100 KG seed	0.0 ± 0.0d
10	V-10194 EC @ 200 GMAI/100 KG seed	0.0 ± 0.0d
11	V-10194 EC @ 200 GMAI/100 KG seed	1.3 ± 1.3d
12	V-10194 EC @ 225 GMAI/100 KG seed	0.0 ± 0.0d
13	Untreated	59.4 ± 19.5a
14	Gaucho 480 FS @ 250 GMAI/100 KG seed	0.0 ± 0.0d
15	Poncho 600 @ 200 GMAI/100 KG seed	0.0 ± 0.0d
16	Poncho 600 @ 250 GMAI/100 KG seed	0.0 ± 0.0d
17	Cruiser 5 FS @ 200 GMAI/100 KG seed	0.0 ± 0.0d
18	Counter 20CR @ 206 GMAI/100 row meter	0.0 ± 0.0d
19	Cruiser 5 FS @ 200 GMAI/100 KG seed	0.0 ± 0.0d
20	Poncho 600 @ 200 GMAI/100 KG seed	0.0 ± 0.0d
21	Poncho 600 @ 200 GMAI/100 KG seed	3.1 ± 3.1d
28	Concur @ 5 oz./100 lbs. of seed	0.0 ± 0.0d
29	Concur @ 5 oz./100 lbs. of seed + Gaucho @ 200 GMAI/100 KG seed	0.0 ± 0.0d
30	Concur @ 5 oz./100 lbs. of seed + Cruiser @ 250 GMAI/100 KG seed	0.0 ± 0.0d

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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