2009 Sorghum Foliar Treatment Efficacy Trial – Dickinson Co., KS

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Pest:	Chinch Bug, *Blissus leucopterus*
Crop:	Sorghum; 8 treatments
Location:	Hope, Dickinson Co., KS
Plot Size:	2 rows x 20 ft.
Experimental Design:	Randomized Complete Block; 4 Replications
Plant Growth Stage:	Between stage 6 (half bloom) and 7 (soft dough)
Information:	Sprayed by hand sprayer with ca. 20 gal H_20/a. at 30 psi. on 31 Aug., 2009. Sorghum plants between stage 6 (half bloom) and 7 (soft dough). Pretreatment counts – 1 small corn earworm/ 3 heads
Phytotoxicity:	None noted
Evaluation:	Samples taken randomly selecting 10 heads/ plot and vigorously shaking heads into a 1 gallon white container and counting all dislodged adult chinch bugs on 10 heads. Evaluated on 06 Sept., 2009.

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No.	Treatment/Product Name	Rate	Chinch bugs / 10 heads (mean ± SE)
1	Baythroid XL	2 oz. / a	2.0 ± 0.8d
2	Belt 480 SC (+Adj.)	2 oz. / a	5.3 ± 0.5bc
3	Belt 480 SC (+Adj.)	4 oz. / a	3.0 ± 0.4cd
4	Cobalt	20 oz. / a	6.3 ± 1.3b
5	Cobalt	30 oz. / a	5.3 ± 0.8bc
6	Lorsban 4E	16 oz. / a	6.0 ± 0.8bc
7	Lorsban Advanced	10 oz. / a	5.3 ± 1.9bc
8	Mustang Max EC	3 oz./ a	6.8 ± 0.6b
9	Untreated	_	12.5 ± 2.1a

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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