2009 Soybean Aphid Foliar Treatment Efficacy Trial – Saline Co., KS

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Pest:	Soybean Aphid, *Aphis glycines*
Crop:	Soybean; 6 treatments
Location:	Saline Co., KS
Plot Size:	4 rows x 20 ft.
Plant Growth Stage:	R6
Experimental Design:	Randomized Complete Block; 4 Replications
Information:	Sprayed by hand sprayer with ca. 20 gal H_20/a. at 30 psi. on 26 Aug., 2009. Pretreatment counts – Made on 26 Aug., 2009. Average of 14 aphids/plant, all consisting of small colonies on underside of leaves or on stems/ flowers.
Phytotoxicity:	None noted..
Evaluation:	Samples taken by counting all aphids on 4 plants randomly selected from within each plot on 30 Aug., 2009 (4 DAT)

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No.	Treatment/Product Name	Rate	Total Aphids / plant (mean ± SE)
1	Untreated	_	49.5 ± 4.5a
2	IMD + SPT	5 oz. / a	5.8 ± 2.1bc
3	IMD + SPT	6 oz. / a	2.3 ± 0.6c
4	Baythroid XL + Lorsban 48 EC	2.4 + 8 oz. / a	2.8 ± 0.3bc
5	Hero	5 oz. / a	5.0 ± 1.2bc
6	Mustang Max EC	3 oz. / a	5.5 ± 1.7bc
7	Endigo ZC	3 oz. / a	9.0 ± 1.8b

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]).