2017 Soybean Foliar Efficacy Trial – Dickinson Co., KS

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Pests:	Green Cloverworm (GCW), Thistle Caterpillars, (TC), Bean Leaf Beetles (BLB), Stink bugs (SB), and Corn Earworms (Soybean Podworms) (CEW)
Crop:	Soybeans, Pioneer P38T61BR
Planting Date:	June 6, 2017
Location:	Dickinson Co., KS
Plot Size:	4 rows x 30ft., 30 inch rows
Experimental Design:	Randomized Complete Block; 4 Replications
Information:	Sprayed by hand sprayer with ca.15 gal. H_20/acre @ 30 psi. on 28 August, 2017 – 74 °F, wind N 7mph. Plants at R3-R4.
Phytotoxicity:	None noted.
Evaluation:	Pre-treatment counts made 26 August, average of 18.3 GCW, 3.3 TC, 0.7 BLB/ 3 row ft. Sampling done by shaking 1 row ft. in 3 random locations in middle two rows of each plot. 1 Sept (4 DAT), 7 Sept. (10 DAT), and 14 Sep. (17 DAT). Sampling ended when soybeans reached R7 and foliage was yellowing and dropping.

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Treatment	1 Sept. (4 DAT)				7 Sept. (10 DAT)					14 Sept. (17 DAT)	
	GCW	CEW	TC	BLB	GCW	CEW	TC	BLB	SB	GCW	BLB
	Average Number / 3 row ft.										
1. Untreated	9.5a	0.3	1.0	1.5	3.8a	0.3	0.3	0.5	0.5	0.5a	0.3
2. Endigo 2.06ZC @ 3.5 fl.oz/acre	1.8bc	0.0	0.0	0.0	1.3b	0.3	0.0	0.0	0.5	1.3a	0.0
3. Besiege 1.25ZC @ 6.0 fl.oz/acre	0.8c	0.0	0.0	0.0.	0.5b	0.0	0.0	0.0	0.0	1.3a	0.0
4. Endigo 2.06ZC @ 4.5 fl.oz/acre	3.5b	0.0	0.3	0.0	0.5b	0.0	0.0	0.0	0.0	0.8a	0.0
5. Besiege 1.25ZC @ 10.0 fl.oz/acre	1.3bc	0.0	0.3	0.0	0.3b	0.0	0.0	0.0	0.5	0.5a	0.0
6. Mustang Max 0.8EC @ 3.5 fl.oz/acre	2.8bc	0.0	0.0	0.0	0.8b	0.0	0.0	0.0	0.3	0.3a	0.0

Only green cloverworm populations were analyzed as population levels of other pests were too low.

Means within a column followed by the same letter are not significantly different (P>0.05; PROC ANOVA; Mean comparison by LSD [SAS Institute 2003]).