



2016 Corn Insect Efficacy Trial
Dickinson Co., KS.

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Pest:	Any soil-inhabiting insects present (white grubs and wireworms noted during planting)
Crop:	Corn, <i>Zea Mays</i>
Plot Size:	4 rows x 50 ft. under irrigation, no-till
Experimental Design:	Randomized Complete Block; 4 Replications
Planted:	24 April, 2016; Germination 3 May, 2016
Phytotoxicity:	None noted, no other effects on non-target organisms observed.
Sampling:	Approx. 30 days prior to planting sampled 1 sq ft of soil in multiple locations and had average of 1 wireworm/ft. ² Note: during planting many white grubs were observed in the soil.
Evaluation:	Plant vigor ratings (1= excellent, 5 = poor) made on 30 May (plants V4-V5).



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Treatment	Plant Counts, middle 2 rows (30 May)	Vigor Rating 1 = excellent, 5 = poor (30 May)	% Plants emerged (30 May)	Yield (bu/a)
Evergol energy @ 11.51 A/100 KG	50.4a	1	84.0a	204.1a
Evergol energy @ 11.51 A/100 KG + Poncho/Votivo @ 0.6mg a/seed	52.1a	1.3	86.9a	251.0a
Evergol energy @ 11.51 A/100 KG + Poncho 600 @ 0.75 mg a.seed + Poncho/Votivo @ 0.6 mg a/seed	51.4a	1.8	85.6a	205.4a

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])

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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