Pests: Western corn rootworm, Diabrotica virgifera Laconto (WCRW)

Southern Corn Rootworm, Diabrotica undecim punctata lowardi barber (SCRW)

Crop: Sweet Corn, planted 14, May, 2024

Location: Dickinson Co., Ks.

Plot Size: 10'x50'

Experimental design: Randomized Complete Block; 4 replications

Information: Relative large area of sweet corn stagger planted in a field of corn to produce sweet corn for several weeks for the local farmer's market. No phytotoxicity noted. Temperature at time

of application; 86°F, cloudy, wind WSW: 8-14 mph Evaluation: Pollen shed/silk emerging on 30 July.

Pretreatment Sample: 30 July, conducted by vigorously shaking 10 ears, selected at random, in an adult rootworm collector and counting the number/10 ears=42CRW. PreTrT=32 SCRW 10WCRW

Post-treatment sampling conducted on 3 Aug, 7 Aug, and 14 Aug. DAT=Days after

treatment/10plants

2024 Adult Corn Rootworm Insecticide Efficacy Trial							
		Sample Data (Days after treatment DAT)					
Treatment	Rate	3 Aug 3 DAT		7 Aug 7DAT		8/14/2024 14 DAT	
		SCRW	WCR	SCRW	WCR	SCRW	WCR
Untreated		29	32	4	50	0	5
Indolex	11 fl oz/a	8	24	0	26	0	0
Steward	12 fl oz/a	9	15	3	18	0	0
Chlorpyrifos	1 pt/a	14	21	0	23	0	1