

### Efficacy of Insecticides for Control of Corn Earworm on Sweet Corn. Arlington, WI. 2000

Insecticide	Rate (lb. AI/ac)	Spray interval (days)	Average number of damaged ears/25 ear sample <sup>a</sup>	Average number of early CEW/25 ear sample <sup>a</sup>	Average number of mid CEW/25 ear sample <sup>a</sup>	Average number of late CEW/25 ear sample <sup>a</sup>	Average number of CEW/25 ear sample <sup>a</sup>
Capture 2 EC	0.033	4-7	21.25 bc	7.00 a	12.25 a	6.50 bc	25.75 abc
Capture 2 EC	0.040	4-7	19.50 abc	10.75 a	10.00 a	4.50 ab	25.25 abc
Capture 2 EC	0.040	6-10	22.00 bc	5.25 a	15.75 a	7.25 bcd	28.25 bc
Pounce 3.2 EC	0.15	4-7	22.75 bc	7.00 a	11.00 a	10.25 cd	28.25 bc
Pounce 3.2 EC	0.20	4-7	22.00 bc	6.75 a	13.50 a	7.00 bcd	27.25 bc
Mustang 1.5 EC	0.0375	4-7	19.00 abc	6.75 a	10.00 a	5.50 abc	22.25 ab
Mustang 1.5 EC	0.050	4-7	20.00 abc	6.75 a	8.25 a	6.50 bc	21.50 ab
Baythroid 2 EC	0.0343	4-7	18.50 ab	7.75 a	9.25 a	4.50 ab	21.75 ab
Baythroid 2 EC	0.0436	4-7	16.00 a	5.75 a	10.25 a	1.00 a	17.25 a
Spintor 2 SC	0.094	4-7	18.75 ab	2.25 a	8.25 a	6.50 bc	17.00 a
Untreated Check			23.75 c	7.75 a	13.00 a	11.50 d	32.25 c
Warrior T 1 EC	0.020	4-7	16.25 a	7.00 a	7.50 a	4.50 ab	19.00 ab
Warrior T 1 EC	0.025	4-7	16.00 a	6.33 a	11.00 a	3.66 ab	21.00 ab

<sup>a</sup> Means within a column followed by the same letter are not significantly different (P=0.05, Duncan's New Multiple Range Test)

“Early” Corn Earworm Larvae are shorter than 1/2. inch

“Mid” Corn Earworm Larvae are longer than 1/2 but shorter than 3/4 inch

“Late” Corn Earworm Larvae are longer than 3/4 inch

## University of Wisconsin Sweet Corn Insecticide Evaluations-2000

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Variety: GSS 9377

Planting Date: June 22, 2000

Harvest Date: 11 September 2000 by pulling 25 ears from the middle of each plot and rating for numbers and size of larvae recovered per ear and number of damaged ears.

Location: University of Wisconsin Arlington Research Station, Field 434

Spray Schedule: Spray 1 (15 August 2000, also row tassel), Spray 2 (21 August 2000), Spray 3 (23 August 2000, Capture 6-10 day only) Spray 4 (28 August 2000).

Sprayer Information: Spirit hi-clearance sprayer equipped with TeeJet D2/23 cone tips 20 inch centers and delivering 11 GPA of finished spray per acre at 2.5 MPH and 40 PSI.

Plot Design: Six rows wide x 50 ft. wide, randomized complete block, four replicates.

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