

## Timing of Exposure – Part II

CEW (corn earworm) last instar larvae. All treated with 20 ug imidacloprid topically.

A = eyes spots moved to periphery

B = eye spots moved halfway to periphery

Bs = eye spots moved just off the stemmata

C = eye spots have not moved from stemmata

	treated	pupate	adult	Comments
A1	10/31	11/1	11/12	Normal
A2	10/31	11/1	11/12	Normal
A3	11/3	11/3	Died	
A4	11/3	11/3	11/15 Deformed wings	
A5	11/3	11/3	11/16 Deformed wings	
A6	11/3	11/3	11/15	Normal
A7	11/3	11/3	11/15	Normal
A8	11/3	AE 11/4		Fully developed adult dissect 11/20
B1	10/31	11/1	11/13	Normal
B2	10/31	11/1	11/13 Deformed wings	
B3	10/31	11/1	11/16 Deformed wings	
B4	10/31	11/1	11/13 Deformed adult	Fully developed adult did not eclose
B5	10/31	AE 11/1	11/16 abdomen molted	Fully developed adult dissect 11/20
Bs1	10/30	AE 10/31		Fully developed adult died
Bs2	10/30	AE 11/1		Fully developed adult dissect 11/20 alive
Bs3	10/30	AE 11/1		Fully developed adult died
Bs4	10/30	11/1	11/13 deformed adult	
Bs5	10/29	AE 10/31	11/16 abdomen molted	Fully developed adult dissect 11/20 alive
Bs6	10/29	AE 10/31		Fully developed adult dissect 11/20
Bs7	10/29	AE 10/31		Fully developed adult died
Bs8	10/29	10/31	11/11 deformed adult	
C1	10/29	AE 11/1		Fully developed adult did not eclose
C2	10/29	AE 11/1		Fully developed adult did not eclose
C3	10/29	AE 11/2		Fully developed adult did not eclose

C4	10/29	AE 11/2	11/16 abdomen molted	Fully developed adult dissect
C5	10/29	10/31	11/16 deformed wings	
Control	Acetone Trt.	pupate	Adult	
A1	10/31	11/1	11/12	Normal
A2	10/31	11/1	11/12	Normal
A3	10/31	11/1	11/12	Normal
A4	10/31	11/1	11/13	Normal
A5	10/31	11/1	11/11	Normal
B1	10/31	11/1	11/12	Normal
B2	10/31	11/1	11/12	Normal
B3	10/31	11/1	11/12	Normal
B4	10/31	11/1		Died
B5	10/31	11/1	11/13	Normal
B6	10/31	11/1	11/13	Normal
Bs1	10/31	11/2	11/12	Normal
Bs2	10/31	11/2	11/12	Normal
Bs3	10/31	11/2	11/12	Normal
Bs4	10/31	11/2	11/13	Normal
C1	10/31	11/1	11/15	Normal
C2	10/31	11/2	11/13	Normal
C3	10/31	11/2	11/15	Normal
C4	10/31	11/2	11/15	Normal
C5	10/31	11/3	11/16	Normal
C6	10/31	11/3	11/15	Normal