

Timing of Exposure – Part III

Imidacloprid treatment of 5th instar CEW larvae. Treated topically on 10/25/2020

Amount ug/ul	pupate	adult	comments
Control 1	10/31 6d	11/11 11d	Normal
Control 2	10/31 6d	11/11 11d	Normal
Control 3	10/31 6d	11/11 11d	Normal
Control 4	11/1 7d	11/12 11d	Normal
Control 5	10/31 6d	11/11 11d	Normal
10 ⁻² 1	10/31 6d	11/11 11d	Normal
10 ⁻² 2	10/31 6d	11/11 11d	Normal
10 ⁻² 3	10/31 6d	11/12 12d	Normal
10 ⁻² 4	10/31 6d	11/11 11d	Normal
10 ⁻² 5	10/31 6d	11/11 11d	Normal
0.1 1	10/31 6d	11/11 11d	Normal
0.1 2	10/30 5d	11/11 12d	Normal
0.1 3	10/31 6d	11/11 11d	Normal
0.1 4	10/31 6d	11/11 11d	Normal
0.1 5	10/30 5d	11/11 12d	Normal
1.0 1	AE 10/31 6d		Died before completing adult development
1.0 2	AE 10/31 6d		Died before completing adult development
1.0 3	10/31 6d	11/11 11d	
1.0 4	10/30 5d	11/11 12d	Deformed adult wings
1.0 5	10/30 5d	11/11 12d	Deformed adult wings
10 1	AE 10/31 6d		Died before completing adult development
10 2	AE 10/31 6d	11/16	Dissect complete adult
10 3	AE 10/31 6d		Died before completing adult development
10 4	AE 10/31 6d		Dissect complete adult
10 5	AE 11/1 7d		Dissect complete adult
20 1	AE 10/31 6d		Dissect complete adult
20 2	AE 10/31 6d		Dissect complete adult
20 3	10/30 5d	11/16	Dissect complete adult
20 4	AE 10/31 6d		Died before completing adult development
20 5	AE 10/31 6d		Dissect complete adult
20 6	AE 11/1 8d		Dissect complete adult
20 7	AE 11/1 8d		Dissect complete adult
20 8	AE 11/1 8d	11/16	Dissect complete adult
20 9	AE 10/31 6d		Dissect complete adult
20 10	AE 11/1 7d		Dissect complete adult