

Insecticide	n	LC <sub>10</sub>	LC <sub>50</sub>	LC <sub>90</sub>	Slope ±SE	X <sup>2</sup>	P
<b>LC<sub>50</sub> fifth instar painted lady larvae, <i>Vanessa cardui</i></b>							
<u>clothianidin</u>	180	28.9	96.2	801	0.6 ± 0.1	2.8	0.6
<u>imidacloprid</u>	180	43.3	256	1309	0.8 ± 0.1	3	0.4
<u>bifenthrin</u>	180	7.1	9	70	0.6 ± 0.1	0.5	0.9
<u>chlorantraniliprole</u>	180	0.004	0.03	0.2	0.7 ± 0.1	0.06	0.9
<b>LC<sub>50</sub> fifth instar monarch larvae, <i>Danaus plexippus</i></b>							
<u>clothianidin</u>	262	0.15	3.7	89	0.4 ± 0.05	8.1	0.2
<u>imidacloprid</u>	99	0.19	1.1	6.24	0.7 ± 0.18	1.2	0.3
<u>bifenthrin</u>	191	0.18	1.5	12.49	0.6 ± 0.08	4.2	0.4
<u>chlorantraniliprole</u>	300	0.02	0.2	2.8	0.5 ± 0.07	2.0	0.8
<b>LC<sub>50</sub> adult painted lady adults, <i>Vanessa cardui</i></b>							
<u>clothianidin</u>	100	6.0	13.2	28.9	1.6 ± 0.4	1.5	0.5