

**Table S1.** Effects of imidacloprid doses on the performance of the 2009 colonies exposed to untreated or spiked diet patties for 12 weeks. Data were collected on August 6 at the end of the exposure period.

Performance endpoint	Exposure dose				ANOVA results		
	Mean ( $\pm$ SE) percentage of total frame area covered				Df	F	<i>p</i> value
Bees	Untreated	5 $\mu$ g/kg	20 $\mu$ g/kg	100 $\mu$ g/kg	3, 31	0.68	0.571
Capped brood	9.2 $\pm$ 1.13	8.9 $\pm$ 1.21	8.12 $\pm$ 1.68	8.12 $\pm$ 1.43	3, 31	0.28	0.841
Capped honey	11.7 $\pm$ 2.39	13.1 $\pm$ 2.71	13.1 $\pm$ 2.33	19.3 $\pm$ 2.47	3, 31	1.82	0.165
Beebread	5.7 $\pm$ 1.16	7.2 $\pm$ 1.64	7.6 $\pm$ 1.67	8.00 $\pm$ 1.28	3, 35	0.46	0.712
Drawn out cells	59.5 $\pm$ 5.38	66.8 $\pm$ 5.17	61.1 $\pm$ 4.82	70.3 $\pm$ 3.53	3, 31	1.04	0.390