

S5 Table. Overview of results for survival (n, number of larvae surviving) and increase in biomass (g) of black soldier fly larvae (*Hermetia illucens*) for Exp. 1 and Exp. 2. Mean and standard deviation.

Substance name(s)	Survival (n)		Increase in biomass (g)	
	Exp. 1 (1*MRL)	Exp. 2 (+/-*MRL)	Exp. 1 (1*MRL)	Exp. 2 (+/-*MRL)
Control (blank)	100.0 ± 0	-	11.1 ± 0.3	-
Control + MeOH	98.7 ± 0.6	99.0 ± 1.7	10.8 ± 0.3	11.0 ± 0.3
Control + ACN	99.7 ± 0.6	99.0 ± 1.0	10.8 ± 0.4	11.3 ± 0.5
Chlorpyrifos	99.3 ± 1.2	97.0 ± 2.6	10.9 ± 0.2	11.1 ± 1.0
Propoxur	97.3 ± 3.1	99.3 ± 0.6	10.6 ± 0.3	11.0 ± 0.1
Imidacloprid	99.3 ± 0.6	100.0 ± 0.0	13.0 ± 0.2	12.3 ± 0.6
Spinosad	38.3 ± 10.8	98.3 ± 2.9	3.4 ± 1.0	11.2 ± 0.3
Tebufenozide	99.3 ± 1.2	99.3 ± 0.6	10.9 ± 0.1	11.2 ± 0.6
Cypermethrin	87.3 ± 4.0	97.7 ± 3.2	8.2 ± 0.4	10.5 ± 0.1
Piperonyl butoxide	98.7 ± 1.2	99.7 ± 0.6	10.9 ± 0.0	11.8 ± 0.4
Cyperm. + PBO	77.7 ± 2.5	100.0 ± 0.0	4.5 ± 0.5	11.2 ± 0.7