

Sample journal table

Table 1. Activities of some enzymes and malondialdehyde (MDA) content of *G.mellonella* larvae reared on an artificial diets containing different concentrations of organophosphorus insecticides

Concentrations of insecticides in diet (ppm)	ALT U/g (mean* ± S.D) [#]	AST U/g (mean* ± S.D) [#]	AChE U/g (mean* ± S.D) [#]	MDA nmol/g protein (mean* ± S.D) [#]
Methyl parathion				
Control	40.13 ± 1.3a	34.28 ± 1.72a	2.98 ± 0.72a	43.48 ± 1.21a
0.01	12.25 ± 0.9b	12.21 ± 1.02b	1.92 ± 0.25b	55.21 ± 0.87b
0.1	47.82 ± 2.3c	57.56 ± 2.12c	1.72 ± 0.57b	12.36 ± 1.49c
1	52.41 ± 2.5c	49.82 ± 1.30d	1.90 ± 0.83b	15.39 ± 1.46c
10	78.89 ± 3.1d	63.93 ± 2.80e	1.02 ± 0.95b	75.34 ± 1.45d
100 (4)	82.47 ^S	76.52 ^S	0.97 ^S	70.61 ^S
Ethyl parathion				
Control	38.42 ± 2.12a	31.43 ± 1.91a	3.25 ± 0.28a	30.28 ± 1.42a
0.01	45.22 ± 2.84b	28.31 ± 1.25a	2.01 ± 0.10b	27.33 ± 1.46a
0.1	32.95 ± 0.96c	18.27 ± 0.73b	0.89 ± 0.10c	25.37 ± 1.57a

1	33.73 ± 1.25c	42.29 ± 2.50c	0.75 ± 0.07c	45.46 ± 2.01b
10	7.43 [§]	12.84 [§]	0.71 [§]	58.31 [§]

*Average of four replicates, 10 larvae per replicate

[§] Average of three replicates

Values followed by the same letter are not significantly different from each other, P > 0.05

ALT: Alanine aminotransferase (Glutamate pyruvate transaminase),

AST: Aspartate aminotransferase (Glutamate oxaloacetate transaminase),

AChE: Acetylcholinesterase

MDA: Malondialdehyde

Value in the parantheses is number of the larvae analyzed