Plasticity of blood and liver biomarkers in *Physalaemus nattereri* exposed to agricultural systems

Environmental Monitoring and Assessment

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Supplementary material 1. Concentration of carbamate, organochlorine and organophosphate contaminants in soybean and sugarcane plantations.

Parameters	Results (µg/L)		LQ	MAV
	Soybean plantation	Sugarcane plantation		
2 Chlorophenol	<0.05	<0.05	0.05	0.1
2.4 Dichlorophenol	<0.05	<0.05	0.05	0.3
Pentachlorophenol	<0.1	<0.1	0.1	0.009
Glyphosate	<55	<55	55	65
Aldrin + Dieldrin	<0.02	<0.02	0.02	NR
Heptachlor epoxide + Heptachlor	<0.005	<0.005	0.005	0.01
2.4 D	<0.15	<0.15	0.15	4
2.4.5 T	<1.0	<1.0	1	2
2.4.5 TP	<1.0	<1.0	1	NR
Alachlor	<0.1	<0.1	0.1	NR
Atrazine	<1.0	<1.0	1	NR
Carbaryl	<0.01	<0.01	0.01	0.02
Chlordane (cis + trans)	<0.02	<0.02	0.02	0.04
Demeton	<0.02	<0.02	0.02	0.1
Dodecachloropentacyclodecane (Mirex)	<0.001	<0.001	0.001	NR
Endosulfan (a + b + sulfate)	<0.03	<0.03	0.03	0.056
Endrin	<0.001	<0.001	0.001	0.004
Gama-BHC (Lindane)	<0.01	<0.01	0.01	0.02
Gution	<0.004	<0.004	0.004	0.005
Hexachlorobenzene	<0.001	<0.001	0.001	0.0065
Malation	<0.05	<0.05	0.05	0.1
Metolachlor	<0.1	<0.1	0.1	10
Methoxychlor	<0.001	<0.001	0.002	0.03
o.p-DDD+o.p-DDE+o.p-DDT	<0.003	<0.003	0.003	0.002
o.p-DDT	<0.001	<0.001	0.001	0.002
Paration	<0.01	<0.01	0.01	0.04
Simazine	<0.1	<0.1	0.1	2
Toxafen	<0.01	<0.01	0.01	0.01
Trifluralin	<0.05	<0.05	0.05	0.2
1.1 Dichloroethene	<0.10	<0.10	0.1	0.003
1.2 Dichloroethane	<0.45	<0.45	0.45	0.01
Tetrachloroethene	<0.31	<0.31	0.31	0.01
Trichlorobenzene (1.2.3+1.2.4+1.3.5)	<0.43	<0.43	0.43	0.02
Trichlorethene	<2.00	<2.00	2	NR

LQ: Limit of Quantification; MAV: Maximum Allowable Value in accordance with CONAMA Resolution No. 357 of March 17, 2005; NR: There is no recommendation.