

Table 7: Total soluble protein content and transeminase enzymes % in the supernatant of homogenate *S. littoralis* the 2nd instar larvae affected by Dursban and Dimilin treatment at LC₅₀.

Compound	Conc. ppm	Total soluble protein after				Transaminas enzymes							
						GOT% after				GPT% after			
		1 day	3 days	5 days	7 days	1 day	3 days	5 days	7 days	1 days	3 days	5 days	7 days
Chlorpyrifos	LC ₅₀	580	75	90	0	25	50	40	0	56.5	81.5	50	0
Diflubenzuron	LC ₅₀	140	90	50	70	100	125	150	110	175	150	125	100

Table 8: Total Soluble protein content and transeminase enzymes% in the supernatant of homogenated *S. littoralis* 4th instar larvae affected by Dursban and Dimilin treatment with LC₅₀.

Compound	Conc. ppm	Total soluble protein after				Transaminas enzymes							
						GOT% after				GPT% after			
		1 day	3 days	5 days	7 days	1 day	3 days	5 days	7 days	1 days	3 days	5 days	7 days
Chlorpyrifos	LC ₅₀	78.9	51.6	91.2	91.2	50	40	70	0	50	85	90	0
Diflubenzuron	LC ₅₀	100	87.4	50	80	90	121	90	73	110	150	146	143.5

Table 9: Trehalase, invertase and amylase enzymes% in the supernatant of the homogenated *S. littoralis* 2nd instar larvae as affected by Dursban and Dimilin treatment at LC₅₀.

Compound	Conc. ppm	Trehalase %after				Invertase %after				Amylase %after			
		1 day	3 days	5 days	7 days	1 day	3 days	5 days	7 days	1 day	3 days	5 days	7 days
Chlorpyrifos	LC ₅₀	175	150	120	-	160	153	133.3	-	75	90	100	-
Diflubenzuron	LC ₅₀	125	195	200	175	100	110	120	133.3	90.25	100	125	160

Table 10. Trehalase, invertase and amylase enzymes % in the supernatant of the homogenated *S. littoralis* 4th instar larvae as affected by Dursban and Dimilin treatment at LC₅₀.

Compound	Conc. ppm	Trehalase % after				Invertase % after				Amylase % after			
		1 day	3 days	5 days	7 days	1 day	3 days	5 days	7 days	1 day	3 days	5 days	7 days
Chlorpyrifos	LC ₅₀	150	187	145	0	131	136	119.7	0	91.5	110	85.7	0
Diflubenzuron	LC ₅₀	175	225	171	160	100	110	115	140	50	87	93.2	90