

Table (1): Carbohydrate hydrolyzing enzymes activity in laboratory and field strains of *Bemisia tabaci* after treatment with LC₅₀ of each insecticide

Treatments	LC50 (ppm)		Amylase(µg glucose/min./mg protein.)				Trehalase (µg glucose /min./mg protein.)				Invertase (µg glucose /min./mg protein.)			
	Lab strain	Field strain	Lab strain		Field strain		Lab strain		Field strain		Lab strain		Field strain	
			SA	RA %	SA	RA%	SA	RA %	SA	RA %	SA	RA %	SA	RA%
Acetamiprid 20%SP	1.79	12.14	21.93	-13.07	19.75	-40.45	18.87	-15.11	15.35	-43.42	27.33	18.20	32.24	7.79
Chlorpyrifos methyl 22.5% EC	3.61	35.92	19.34	-23.34	22.88	-31.02	16.62	-25.23	18.43	-32.06	25.15	8.78	24.73	-17.31
Control after 24h.			25.23		33.17		22.23		27.13		23.12		29.91	
Pyriproxyfen 10%EW	6.25	49.52	17.76	-31.24	31.05	-9.94	18.36	-27.05	24.04	-18.86	21.18	-24.70	31.48	-7.32
Control after 72h.			25.83		34.48		25.17		29.63		28.13		33.97	

RA= Relative activity SA=Specific activity,

RA=(Treatment- control)/ control x100