

Table (3): Effect of feeding *Phytoseiulus persimilis* females on treated *T. urticae* nymphs with four pesticides Lc_{50} on certain biological aspects of the predator at $28\pm 2^{\circ}C$ and $65\pm 5\%$ R.H.

Treatments	Duration (in days)				Consumption				Fecundity	Deterrent Index %
	Pre-oviposition	Oviposition	Post-oviposition	Longevity	Pre-oviposition	Oviposition	Post-oviposition	Total		
Acramite	1.84±0.016	17.46±0.29	3.43±0.030	22.73±0.77 b	9.35±0.01	99.81±0.3	10.46±0.06	119.62±0.10b	43.06±0.16 b	16.19
Fabcomic	2.17±0.011	15.96±0.12	2.93±0.190	21.06±0.27 c	7.13±0.010	84.90±0.29	8.41±0.050	100.44±0.55c	32.41±0.23 c	29.62
Biovar	1.71±0.016	19.66±0.35	3.82±0.051	25.19±0.46 ab	8.40±0.021	111.60±0.60	8.45±0.05	128.45±0.14a	50.45±0.64 b	8.39
Tracer	1.64±0.017	17.72±0.27	3.52±0.030	22.88±0.23 b	11.00±0.04	114.24±0.51	9.12±0.04	134.36±0.64b	46.52±0.33 b	12.40
Control	1.50±0.10	21.70±0.40	4.25±0.010	27.45±0.81 a	9.67±0.01	151.10±0.70	15.10±0.010	175.87±0.45a	59.70±0.09 a	0

Means in columns followed by the same letter are not significantly different at P=5% ± Standard Error

Table 4. Comparative between using some pesticides and releasing Predatory mite, *P. persimilis* for controlling *T. urticae* on Cucumber under greenhouse.

Treatments	Conc. ppm	No. before treatment/ leaf		No. of <i>T. urticae</i> , <i>P. persimilis</i> /leaf and reduction% after treatment																Mean reduction %	
				3 days				7days				10 days				14 days					
				Prey		Predator		Prey		Predator		Prey		Predator		Prey		Predator		Prey	Predator
				No.	R%	No.	R%	No.	R%	No.	R%	No.	R%	No.	R%	No.	R%	No.	R%		
Fabcomic	5	15.8	8.15	2.50	86.04	3.20	51.79	4.60	78.22	5.00	35.97	9.25	60.51	6.40	44.11	12.50	53.31	9.10	43.15	69.52a	43.75
Acramite	50	16.75	4.30	5.20	72.61	2.50	46.13	7.80	65.17	3.40	37.37	10.50	57.71	5.20	30.73	14.00	50.68	7.80	30.31	61.54a	46.09
Tracer	50	20.10	3.05	7.40	67.52	2.70	17.98	11.5	57.21	3.30	14.79	14.80	50.33	4.40	17.35	17.25	49.36	7.20	9.31	56.10a	14.85
Biovar	100	18.15	4.10	12.7	38.27	3.80	14.13	10.8	55.50	4.20	19.32	14.40	46.48	6.30	11.79	21.10	31.40	9.50	10.99	47.40a	14.05
<i>P. persimilis</i>	<i>Release rate 1:10</i>																				
	-	14.60	1.50	12.4	26.09	1.6	-	11.90	39.87	2	-	8.50	61.26	1.80	-	2.30	88.41	2.40	-	53.90a	-
Control	-	17.20	3.15	19.50	-	3.40	-	23.00	-	4.00	-	25.50	-	5.50	-	29.15	-	8.20	-	-	-

Means in columns followed by the same letter are not significantly different at P=5%.