

Table 6 : Two weekly mean records (from 2, 5, 8 and 14 days samples consists of 10 leaves /replicate) of *B. tabaci* numbers and % reduction on tomato plants cultivated in early summer plantation (2008) .

Dates	19 / 3 /2007		2 / 4 / 2007		16 / 4		30 / 4		14 / 5		28 / 5		11 / 6		25 / 6		Mean of general effect	
	No before 1 st spray directly		No before 2 nd spray directly		No before 3 rd spray directly		No before 4 th spray directly		No after 2 weeks from 4 th spray		6 th inspection		7 th inspection		8 th inspection		A	N
Treat.	A	N	A	N	A	N	A	N	A	N	A	N	A	N	A	N	A	N
1	4.0	2.8	6.4	3.33	9.43	4.2	13.5	5	24.7	7.77	29.9	11.33	26.1	10.9	18.7	9.4	16.59	6.84
2	3.8	2.33	5	2.5	4.1	2.6	4.5	2.8	6.33	4.1	6.6	4	8.9	3.8	8.1	3.6	6.22	3.34
3	4.1	2.77	9.21 ^g	9.87 ^e	44.24 ^e	17.84 ^f	23.17 ^f	9.54 ^f	34.86 ^g	29.14 ^f	13.46 ^c	32.68 ^b	-55.1 ^a	-1.4 ^d	27.42 ^b	-9.91 ^c	13.9 ^g	123.54 ^e
4	4.77	2.6	7.81 ^g	-0.98 ^g	20.67 ^f	12.22 ^g	26.7 ^e	9.19 ^f	19.71 ⁱ	24.8 ^g	2.39 ^c	28.06 ^b	4.17 ^e	-14.49 ^e	14.73 ^c	-2.87 ^a	13.74 ^g	7.99 ^f
5	4.0	2.9	73.59 ^a	61.23 ^b	62.6 ^b	65.11 ^b	87.27 ^a	68.3 ^a	58 ^f	68 ^a	41.9 ^a	51.7 ^a	50.71 ^b	-48.57 ^g	-40 ^h	-97.29 ^g	47.72 ^b	24.08 ^c
6	4.33	3.1	11.05 ^f	13.1 ^d	9.42 ^g	2.57 ⁱ	21.13 ^f	-2.38 ^h	36.06 ^g	-7.16 ^h	-23.1 ^f	28.13 ^d	-8.33 ^f	2.4 ^c	-5.54 ^f	-6.49 ^b	6.52 ^h	4.31 ^g
7	4.1	2.9	53.44 ^c	13.29 ^d	62.39 ^b	43.22 ^d	60.45 ^d	45.22 ^d	67 ^d	65.87 ^b	-24.5 ^f	22.38 ^c	-53.3 ^h	-65.3 ⁱ	-16.67 ^g	-16 ^d	21.25 ^f	15.52 ^d
8	3.6	2.4	15.49 ^f	7.31 ^f	19.64 ^f	13.59 ^g	21.39 ^f	4 ^g	35.96 ^g	24.8 ^g	10.17 ^d	13.38 ^f	-10 ^f	3.05 ^c	4.55 ^d	-7.6 ^b	13.88 ^g	8.37 ^f
9	3.8	2.33	47.5 ^{ef}	9 ^{ef}	50.13 ^d	39.23 ^e	58.64 ^d	53.8 ^c	74.62 ^c	65.09 ^b	-24.5 ^f	8 ^g	10.56 ^c	-61 ^h	0.0 ^e	-22.7 ^e	30.99 ^d	13.06 ^c
10	3.77	2.6	25.4 ^e	9.87 ^e	6.31 ^h	8.36 ^h	26.61 ^e	-10.1 ⁱ	30.62 ^h	32.63 ^e	14.98 ^c	27.55 ^d	4.17 ^e	5.91 ^b	-6 ^f	-9.9 ^b	14.58 ^f	9.19 ^f
11	4.0	3.1	58.22 ^b	12.77 ^d	56.48 ^c	50.26 ^c	66.31 ^c	35.77 ^e	64.29 ^e	55.69 ^d	17 ^b	3.33 ^h	8 ^d	-35.2 ^f	-89.5 ⁱ	-7.08 ^b	25.83 ^e	16.51 ^d
12	3.9	2.8	73.23 ^a	67.48 ^a	68 ^a	67.08 ^{ab}	58.88 ^d	44.56 ^d	88.3 ^a	61.21 ^c	41.9 ^b	31 ^c	-15 ^g	-4 ^d	-40 ^h	-74 ^f	39.33 ^c	27.62 ^b
LSD _{0.05}			2.448	1.716	2.395	2.045	2.603	2.167	2.449	2.042	1.536	1.583	1.863	1.452	1.376	2.168	1.615	1.495

1- Control 2- 100 mg/L Salicylic acid 3- 100 mg/L Hydroquinone 4- 100 mg/L Thiourea 5- 5 cm³/L Jatropha extract 6- 5 cm³/L Neem extract
7- 100 mg/ Salicylic acid + 5 cm³/L Jatropha extract 8-100 mg/L Salicylic acid + 5 cm³/L Neem extract 9- 100 mg/L Hydroquinone + 5 cm³/L Jatropha extract
10- 100 mg/L Hydroquinone + 5 cm³/L Neem extract 11- 100 mg/L Thiourea + 5 cm³/L Jatropha extract
12-100 mg/L thiourea + 5 cm³/L Neem extract
A = *B. tabaci* adults , N = *B. tabaci* nymphs .

Table 7. Two weekly mean records (from 2, 5, 8 and 14 days samples consists of 10 leaves /replicate) of *B. tabaci* numbers and % reduction on tomato plants cultivated in early summer plantation (2008).

Dates	27 / 3 / 2008		10 / 4 / 2008		24 / 4		8 / 5		22 / 5		5 / 6		19 / 6		3 / 7		Mean of general effect	
	No before 1 st spray directly		No before 2 nd spray directly		No before 3 rd spray directly		No before 4 th spray directly		No after 2 weeks from 4 th spray		6 th inspection		7 th inspection		8 th inspection			
	A	N	A	N	A	N	A	N	A	N	A	N	A	N	A	N	A	N
1	4.6	3.2	8.2	4.1	11.13	6.07	15.23	7.1	30.35	10.83	38.5	14.43	31.8	13.2	23.6	10.3	20.43	8.65
2	5.2	3.6	7.3	3.8	6.4	3.9	7	4.8	8.3	6.6	10.7	6.1	13.2	5.3	10.1	4.7	9	5.03
3	4.7	3	21.39 ^e	17.67 ^c	35.12 ^f	30.21 ^g	20.16 ^{ef}	-5.85 ⁱ	40.71 ^h	9.25 ^h	-1.84 ^e	30.68 ^a	-48 ^{gh}	5.3 ^a	11.24 ^b	-13.5 ^e	11.25 ^{sh}	10.54 ^{de}
4	4.9	3.1	8	4.1	10.4	5.2	11.16	6.4	16.6	7.8	22.4	7.3	17.3	6.5	12.2	5	3.21	6.04
5	4.6	2.9	4.69 ^g	-6.6 ^f	3.8 ^g	13.76 ^h	18.58 ^g	-5.85 ⁱ	28.45 ^g	19.56 ^g	-6.6 ^g	29.81 ^a	7.32 ^b	2.95 ^{ab}	18.2 ^a	1.54 ^a	10.63 ^b	7.88 ^f
6	5.1	3.5	2.2	1.4	1	0.4	0.3	0.1	0.2	0.03	0.07	0.03	0.13	0.07	0.03	0.07	0.58	0.3
7	4.2	2.7	74.86 ^b	64.77 ^b	66.36 ^b	80.57 ^a	78.1 ^a	78.5 ^a	66.67 ^d	80.2 ^a	48.65 ^a	25 ^b	-20 ^f	-154.3 ⁱ	10.77 ^b	28 ^h	46.49 ^a	20.96 ^c
8	4.8	2.8	6.8	3.2	8.8	4.6	9.3	5.4	10.8	7	18	7.4	16.3	7.1	14.7	5.5	11.99	5.74
9	4.6	2.5	17.22 ^f	13.93 ^d	4.24 ^g	2.25 ⁱ	22.85 ^d	-0.96 ^h	41.94 ^f	-14.45 ⁱ	-34.59 ^j	20.71 ^c	-6.3 ^e	-4.58 ^c	-4.61 ^e	-0.85 ^b	5.74 ⁱ	4.25 ^h
10	5.4	3.2	4.4	3.9	2.8	3.3	1.7	2.6	1.17	2.1	1.8	2.5	2.2	3.9	3	3.3	2.44	5.74
11	4.8	2.6	51.69 ^d	13.09 ^d	59.91 ^c	42.46 ^e	55.68 ^h	32.24 ^f	65.59 ^d	46.69 ^c	-21.54 ⁱ	10.71 ^e	-46.67 ^g	-40 ^h	-58.2 ^g	-8.31 ^d	14.21 ^f	9.55 ^e
12	5.0	2.9	6.3	3.2	7.6	4	8.2	4.5	9.1	4.8	12.1	5.5	10.2	5.4	9.2	4.4	8.96	4.54
LSD _{0.05}			16 ^f	7.56 ^e	10.73 ^h	15 ^h	21.24 ^{de}	3.25 ^g	44.51 ^f	26.33 ^e	-5.04 ^f	14.06 ^d	-1.16 ^d	-7 ^{cd}	-4.63 ^c	-4.3 ^c	11.67 ^{sh}	7.84 ^f
			4.1	3.3	2.8	2.47	1.6	1.57	0.8	1.4	1.2	1.37	1	2.1	2	2	1.93	2.02
			52.17 ^d	8.07 ^e	49.46 ^e	49.1 ^d	58.29 ^b	45.34 ^d	75 ^c	41.15 ^c	-18.5 ^h	26.61 ^b	0.0 ^d	-67.08 ^g	13.2 ^d	-21.9 ^g	30.49 ^d	11.61 ^d
			6.4	2.9	8.6	3.7	9.8	4.7	13.6	0.4	14.33	6.8	11.4	6.2	10.2	5	10.62	4.24
			22.09 ^e	9.52 ^e	0.56 ^h	13.24 ^h	16.81 ^g	-9.24 ^j	30.61 ^g	24.17 ^{ef}	16.76 ^d	5.58 ^f	4.54 ^c	0.62 ^b	-3.79 ^e	-3.23 ^c	12.51 ^g	5.81 ^g
			4	3.6	2.6	3.2	2.2	2.3	1.67	2	1.6	2.5	2	3.5	2.1	3.2	2.31	2.90
			58.52 ^c	12.25 ^d	51.9 ^d	39.56 ^f	38.23 ^c	38.19 ^e	62.05 ^e	42.61 ^d	24.31 ^c	6.25 ^f	-50 ^h	-52.6 ^f	-21.8 ^f	-17.03 ^f	23.32 ^e	9.89 ^e
			2	1	0.9	0.33	0.5	0.17	0.1	0.2	0.07	0.2	0.10	0.2	0.1	0.27	0.54	0.34
			76.67 ^{ab}	67.72 ^a	66.7 ^b	77.56 ^b	59.45 ^b	55.7 ^c	90 ^a	22.33 ^f	44.7 ^b	25 ^a	-71.42 ⁱ	-9 ^d	-16 ^e	-72.8 ^h	35.73 ^c	23.79 ^b
			2	1.2	0.8	0.6	0.23	0.23	0.1	0.1	0.07	0.13	0.03	0.17	0.07	0.13	0.47	0.37
			77.6 ^a	67.72 ^a	70.4 ^a	66 ^c	79.01 ^a	67.03 ^b	78.26 ^b	71.3 ^b	44.7 ^b	2.5 ^g	48.57 ^a	-42.54 ^e	-16 ^e	2.12 ^a	54.67 ^a	33.38 ^a
			2.554	2.181	2.398	2.797	2.4	2.044	3.149	2.397	1.459	1.56	2.347	2.504	1.708	1.712	1.618	1.355

1- Control 2- 100 mg/L Salicylic acid 3- 100 mg/L Hydroquinone 4- 100 mg/L Thiourea 5- 5 cm³/L Jatropha extract 6- 5 cm³/L Neem extract
7- 100 mg/ Salicylic acid + 5 cm³/L Jatropha extract 8-100 mg/L Salicylic acid + 5 cm³/L Neem extract 9- 100 mg/L Hydroquinone + 5 cm³/L Jatropha extract
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+ 5 cm³/L Neem extract
A = *B. tabaci* adults , N = *B. tabaci* nymphs .