

Table (1): Effect of intercropping system of some plant species on the occurrence of five cotton pests during 2003 and 2004 seasons.

Insects	2003						2004					
	Cotton/ tomato	Cotton/ cucumber	Cotton/ Onion	Cotton/ pepper	Solid Cotton	L.S.D _{0.05}	Cotton/ tomato	Cotton/ cucumber	Cotton/ Onion	Cotton/ pepper	Solid Cotton	L.S.D _{0.05}
<i>Aphis gossypii</i>	46.36	24.96	36.09	22.00	34.09	3.728	52.04	24.56	42.17	24.44	38.61	2.698
<i>Bemisia tabaci</i>	13.74	21.39	17.65	12.30	24.96	1.819	23.74	32.87	17.30	17.22	22.26	2.301
<i>Empoasca lybica</i>	6.04	7.44	4.35	2.30	3.22	0.526	5.57	5.13	4.35	4.44	7.44	0.543
<i>Thrips tabaci</i>	7.87	9.22	9.57	6.44	4.00	0.325	8.17	9.17	10.57	5.74	4.65	0.588
<i>Tetranychus spp.</i>	32.09	17.17	14.26	15.04	16.53	3.254	27.96	49.83	18.04	15.83	22.90	3.546
	Tom.	Cu.	Oni.	Pep.								
<i>Aphis gossypii</i>	17.85	29.00	-	2.96	-	0.674	11.39	17.75	-	3.26	-	0.495
<i>Bemisia tabaci</i>	22.74	35.54	-	6.96	-	1.998	17.69	96.91	-	16.17	-	5.892
<i>Empoasca lybica</i>	1.26	5.62	-	4.01	-	0.346	1.47	5.30	-	3.04	-	0.200
<i>Thrips tabaci</i>	3.92	8.75	17.92	3.42	-	0.968	5.92	24.42	62.00	2.50	-	2.116
<i>Tetranychus spp.</i>	22.35	52.27	-	10.26	-	2.826	31.93	37.89	-	9.56	-	1.0998

Table (2): Effect of intercropping system for plant species on the occurrence natural enemies associated with cotton pests during 2003 and 2004 seasons.

Predators & parasites	2003										2004									
	intercropping																			
	Cotton		Cotton		Cotton		Cotton		Solid	L.S.D _{0.05}	Cotton		Cotton		Cotton		Cotton		Solid	L.S.D _{0.05}
	Onion	Tomato	Cucumber	Pepper	cotton						Onion	Tomato	Cucumber	Pepper	cotton					
<i>Coccinella</i> spp.	2.36	2.56	2.04	1.64	1.60	0.0	0.37	0.0	2.22	0.181	3.01	1.76	1.75	0.0	0.91	0.0	2.57	0.206	2.15	1.37
<i>Chrysoperla carnea</i>	2.01	1.11	2.87	1.09	4.60	2.93	1.15	1.17	2.74	0.256	3.12	1.13	3.48	3.01	1.27	1.25	2.78	0.172	2.27	1.27
<i>Scymnus</i> spp.	2.38	0.96	2.78	1.00	2.13	1.21	2.01	0.0	0.0	0.151	2.96	1.01	2.21	1.27	1.87	0.0	0.0	0.181	2.18	1.15
<i>Orius</i> spp.	2.01	0.75	3.26	0.55	2.70	1.21	1.96	0.0	0.0	0.181	4.02	0.63	2.67	1.30	1.89	0.0	0.0	0.181	1.96	1.01
<i>Syrphus corollae</i>	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.0	1.44	0.057	0.04	0.0	0.0	0.0	0.0	0.0	1.59	0.058	0.0	0.0
<i>Paederus alfieri</i>	1.96	0.67	2.00	0.55	1.91	0.70	1.06	0.0	2.04	0.19	2.13	0.59	1.82	0.75	1.75	0.0	2.26	0.19	2.03	0.71
<i>Spider mits</i>	1.82	0.17	0.00	0.00	1.57	1.07	1.26	0.0	2.43	0.198	0.0	0.0	1.66	1.11	1.17	0.0	2.53	0.172	1.75	0.31
<i>Phytoseiulus</i> sp.	1.75	0.83	1.44	0.00	3.30	2.64	1.76	0.0	3.65	0.181	1.56	0.0	2.15	2.92	1.36	0.0	3.15	0.151	1.63	0.47
<i>Encarsia</i> sp.	0.00	0.00	0.00	0.00	0.34	0.00	0.15	0.0	2.00	0.099	0.01	0.0	0.10	0.0	0.00	0.0	2.03	0.058	0.04	0.0
<i>Ertmoceris</i> sp.	0.00	0.00	0.0	0.00	0.35	0.00	0.17	0.0	1.74	0.099	0.00	0.0	0.13	0.0	0.00	0.0	1.17	0.081	0.0	0.0

Table (3): Effect of some neighbor plant species with cotton plant on occurrence of five cotton pests at neighbor during 2003 and 2004 seasons.

Insects	Cotton	Cotton	Cotton	Cotton	Cotton	Cotton	Cotton	Cotton	Cotton	Solid Cotton	LSD _{0.05}
	okra	eggplant	squash	cowpea	sesame	maize	mallow	pepper	coriander		
	2003										
<i>Aphis gossypii</i>	21.64	15.90	13.00	13.09	15.18	17.27	20.57	20.13	17.74	20.82	1.882
<i>Bemisia tabaci</i>	10.96	16.04	4.83	30.00	14.91	14.35	14.13	15.43	6.48	16.26	1.790
<i>Empoasca lybica</i>	3.96	3.52	6.17	4.00	8.70	8.35	3.22	6.10	6.15	9.35	0.588
<i>Thrips tabaci</i>	21.36	13.82	11.09	11.27	6.18	10.0	13.91	20.13	17.74	20.57	1.432
<i>Tetranychus spp.</i>	29.35	34.17	27.30	16.09	12.39	25.30	17.91	24.74	7.48	21.61	2.168
	2004										
<i>Aphis gossypii</i>	39.60	25.96	29.30	17.45	14.58	35.48	34.13	22.00	25.13	35.13	2.693
<i>Bemisia tabaci</i>	7.7	19.74	11.74	30.61	9.48	11.04	12.17	13.73	12.26	16.61	2.163
<i>Empoasca lybica</i>	8.22	7.04	8.17	6.44	8.28	4.61	8.15	1.96	6.14	9.04	0.799
<i>Thrips tabaci</i>	16.46	8.82	12.09	13.09	10.46	13.27	15.73	19.18	7.73	24.27	1.790
<i>Tetranychus spp.</i>	29.61	55.83	25.00	19.52	25.61	23.96	20.65	25.92	5.91	32.91	3.145

Table (4): Occurrence of five cottons pests on nine plant species neighbor to cotton plants during 2003 and 2004 seasons.

Insects	Cotton	Cotton	Cotton	Cotton	Cotton	Cotton	Cotton	Cotton	Cotton	Solid Cotton	LSD _{0.05}
	okra	eggplant	squash	cowpea	sesame	maize	mallow	pepper	coriander		
	2003										
<i>Aphis gossypii</i>	20.09	14.69	12.17	10.56	8.09	2.91	1.09	4.00	1.61	14.17	1.136
<i>Bemisia tabaci</i>	26.45	32.61	18.30	5.09	11.13	10.48	7.13	5.91	0.91	16.26	1.466
<i>Empoasca lybica</i>	8.17	5.65	6.52	12.04	10.83	0.87	1.96	3.17	0.36	9.35	1.056
<i>Thrips tabaci</i>	21.36	15.73	5.55	3.27	1.91	2.91	0.87	1.03	0.27	13.91	0.991
<i>Tetranychus spp.</i>	77.48	127.83	24.05	19.22	16.96	30.74	23.83	5.39	3.00	21.61	1.964
	2004										
<i>Aphis gossypii</i>	59.52	13.13	5.91	2.26	5.70	1.96	0.26	1.83	0.52	35.13	1.616
<i>Bemisia tabaci</i>	10.09	72.91	30.43	6.65	6.83	0.52	4.87	5.87	0.04	30.61	2.529
<i>Empoasca lybica</i>	8.52	5.00	8.39	12.00	7.04	2.91	1.35	1.09	0.27	8.04	1.227
<i>Thrips tabaci</i>	24.27	12.36	15.22	0.82	3.18	0.73	1.55	4.73	0.55	23.64	1.440
<i>Tetranychus spp.</i>	83.04	149.22	17.17	103.65	15.96	49.04	22.09	12.83	4.57	32.91	6.214