

Table 2. Simple correlation coefficients and total effect for the numbers of some homopterous insects infesting solanaceae plants means of temperature and mean relative humidity at Ksaien district, Ismailia Governorate during 2011/2012 and 2012 / 2013 seasons

The pests		Simple correlation coefficients							
		2011/2012				2012/2013			
		Simple correlation			Total Effect	Simple correlation			Total Effect
		Max. Temp.(r1)	Min. Temp.(r2)	R.H. (r3)		Max. Temp.(r1)	Min. Temp.(r2)	R.H. (r3)	
<i>A. gossypii</i>		* -0.568	* -0.607	0.277	50.54	* -0.629	* -0.578	-0.136	43.93
<i>E. decipiens</i>		** -0.814	** -0.834	0.424	70.60	** -0.741	** -0.719	0.277	55.16
<i>E. decedens</i>		** -0.742	** -0.758	0.402	58.27	** -0.682	** -0.695	0.289	48.56
Mites <i>Tetranychus</i> sp.		-0.681**	-0.725**	0.288	61.42	-0.833**	-0.831**	-0.277	70.04
<i>B. tabaci</i>	Adults	0.683**	0.693**	-0.413	48.81	0.572*	0.547*	-0.404	52.08
	nymph	0.132	0.276	-0.489	31.38	0.457	0.569*	0.283	73.95

* = Significant at 0.05 level of probability.

** = Highly significant at 0.01 level of probability