

Table 3. Results of statistical analysis of simple correlation and partial regression to investigate the relation between nine ecological factors and changes in nymphal stage mean numbers of two whitefly species on Arabian jasmine shrubs at Shoubra, Qalyubiya Governorate during 2004

Tested Factors	<i>D. kirkaldyi</i>						<i>A. jasmini</i>					
	Simple correlation		Partial regression			%	Simple correlation		Partial regression			%
	r	P	b	S.E.	P	E.V.	r	P	b	S.E.	P	E.V.
Max. Temp.	0.6	0.0002	3.2	6.1	0.60		-0.4	0.1	-1.6	0.7	0.04	
Min. Temp.	0.7	0.0001	2.5	12.4	0.84		-0.1	0.7	-1.4	1.0	0.20	
Mean temp.	0.6	0.0001	2.4	6.1	0.70		-0.3	0.3	-3.4	1.7	0.07	
RH%	0.3	0.04	0.1	1.0	0.90		0.3	0.2	0.1	0.1	0.60	
Photoperiod	0.2	0.30	-21.5	5.5	0.0006	74.2%	-0.7	0.003	-3.1	0.6	0.001	95.5%
Wind velocity	-0.4	0.009	14.4	13.9	0.30		0.7	0.001	0.4	0.1	0.02	
Dew point	0.7	0.0001	1.5	3.04	0.63		0.5	0.03	-0.02	0.04	0.62	
% Fungi	-0.4	0.02	-0.5	0.3	0.04		-0.4	0.10	-0.01	0.03	0.60	
% Parasitism	-0.4	0.02	2.5	3.04	.063		-0.1	0.50	0.1	0.1	0.06	

“F” value = 8.31***

“F” vaule = 19.06***