

Table (4):Cross-resistance of chlorpyrifos-methyl resistant strain of the cowpea aphid to the tested insecticides:

Insecticides	Strain	LC ₅₀ (ppm)	After 8 th generation				After 15 th generation				
			Confidence limit		Slope	RR (fold)	LC ₅₀ (ppm)	Confidence limit		Slpoe	RR (ppm)
			Lower	Upper							
Malathion 57%EC	Susc.strain	2.39	2.34	2.49	1.76	--	2.39	2.34	2.49	1.76	--
	Resis.strain	66.33	64.13	80.45	1.36	27.75	95.47	93.33	102.64	0.99	39.94
Imidacloprid 20%SC	Susc.strain	0.56	0.47	0.60	2.51	--	0.56	0.47	0.60	2.51	--
	Resis.strain	6.59	6.11	6.47	1.83	11.76	8.55	7.23	12.94	1.19	15.28
Dinotefuran 20%SP	Susc.strain	1.34	1.29	1.38	1.54	--	1.34	1.29	1.38	1.54	--
	Resis.strain	7.18	6.84	10.06	1.21	5.36	4.15	3.14	5.24	0.79	3.10
Pirimicarb 50%WG	Susc.strain	0.97	0.90	1.10	1.18	--	0.97	0.90	1.10	1.18	--
	Resis.strain	2.09	1.98	2.17	1.51	2.15	2.22	2.88	5.75	0.98	2.29
Pymetrozine 50%WG	Susc.strain	0.88	0.79	1.2	0.90	--	0.88	0.79	1.2	0.90	--
	Resis.strain	3.40	2.97	3.92	1.34	3.86	0.69	0.61	0.73	0.78	0.78
Zeta- cypermethrin 10%EW	Susc.strain	0.10	0.04	0.13	1.83	--	0.10	0.04	0.13	1.83	--
	Resis.strain	0.39	0.30	0.44	1.24	3.97	0.10	0.09	0.15	1.46	1.0