

Table S1. Anova result on the surface area eaten up of broad bean leaf by male *Sitona lineatus* L.

Hours	Sum of Squares	df	Mean Square	F	p
8h	39.120	6	6.520	4.261	0.004
16h	197.168	6	32.861	6.746	0.000
24h	394.265	6	65.711	7.920	0.000
32h	865.493	6	144.249	5.112	0.001
40h	1239.150	6	206.525	5.460	0.001
48h	1612.635	6	268.772	5.494	0.001
56h	1581.297	6	263.549	4.089	0.005
80h	1962.626	6	327.104	5.940	0.000
104h	3080.459	6	513.410	8.293	0.000

Table S2. Anova result on the surface area eaten up of broad bean leaf by female *Sitona lineatus* L.

Hours	Sum of Squares	df	Mean Square	F	p
8h	48.924	6	8.154	1.829	0.122
16h	311.216	6	51.869	4.736	0.001
24h	730.263	6	121.711	5.289	0.001
32h	963.477	6	160.579	3.278	0.012
40h	2024.869	6	337.478	6.616	0.000
48h	3040.178	6	506.696	5.294	0.001
56h	3706.330	6	617.722	5.366	0.001
80h	8784.185	6	1464.031	5.415	0.000
104h	11532.303	6	1922.050	5.157	0.001

Table S3. Anova result on the absolute deterrence index.

Sex	Sum of Squares	df	Mean Square	F	p
Males	11610.837	5	2322.167	4.164	0.003
Females	7944.723	5	1588.945	3.360	0.011

Table S4. Anova result on the mortality of *Aphis fabae* Scop nymphs.

Hours	Sum of Squares	df	Mean Square	F	p
12h	3.886	6	0.648	1.679	0.163
24h	16.743	6	2.790	3.830	0.007
36h	47.771	6	7.962	4.354	0.003
48h	79.886	6	13.314	4.198	0.004
60h	110.286	6	18.381	5.957	0.000
72h	110.286	6	18.381	6.598	0.000
84h	114.971	6	19.162	8.767	0.000
96h	98.286	6	16.381	7.212	0.000
108h	122.400	6	20.400	8.707	0.000

Table S5. Anova result on the mortality of wingless females of *Aphis fabae* Scop.

Hours	Sum of Squares	df	Mean Square	F	p
12h	1.000	6	0.167	1.207	0.326
24h	1.952	6	0.325	1.395	0.244
36h	20.286	6	3.381	3.170	0.014
48h	25.286	6	4.214	3.020	0.017
60h	25.143	6	4.190	2.100	0.078
72h	33.667	6	5.611	2.465	0.043
84h	46.905	6	7.817	3.791	0.005
96h	67.333	6	11.222	10.761	0.000
108h	83.286	6	13.881	14.150	0.000

Table S6. Anova result on body weight gain of L2 larvae of *Leptinotarsa decemlineata* Say.

Hours	Sum of Squares	df	Mean Square	F	p
24h	221.086	6	36.848	1.860	0.123
48h	883.143	6	147.190	2.814	0.029
72h	1278.743	6	213.124	3.514	0.010
96h	2436.743	6	406.124	4.629	0.002
120h	3642.286	6	607.048	5.447	0.001
144h	5384.800	6	897.467	5.702	0.001

Table S7. Anova result on body weight gain of L4 larvae of *Leptinotarsa decemlineata* Say.

Hours	Sum of Squares	df	Mean Square	F	p
24h	132.905	6	22.151	1.682	0.155
48h	400.810	6	66.802	1.656	0.161
72h	677.571	6	112.929	2.562	0.037
96h	992.286	6	165.381	3.023	0.017
120h	1383.143	6	230.524	4.521	0.002
144h	1697.619	6	282.937	5.294	0.001

Table S8. Anova result on the number of aphids eaten by one L3 larvae of *Coccinella septempunctata* L.

Hours	Sum of Squares	df	Mean Square	F	p
24h	46.619	6	7.770	1.081	0.392
36h	95.952	6	15.992	1.026	0.425
48h	154.333	6	25.722	1.144	0.358
60h	170.905	6	28.484	0.769	0.599
72h	300.810	6	50.135	1.371	0.254
84h	127.905	6	21.317	0.499	0.804
96h	465.905	6	77.651	1.502	0.206
108h	849.619	6	141.603	1.813	0.125
120h	743.952	6	123.992	1.315	0.276

Table S9. Anova result on the mean number of aphids eaten by one L3 larvae of *Coccinella septempunctata* L.

Sum of Squares	df	Mean Square	F	p
1505.841	6	250.9735	5.296	0.000