

Table S1: Results of Statistical Analysis

Anova with Tukey HSD														
Day 11			Day 12			Day 13			Day 14			Day 15		
Caterpillars			Caterpillars			Caterpillars			Caterpillars			Caterpillars		
treatments	Q statistic	p-value	treatments	Q statistic	p-value	treatments	Q statistic	p-value	treatments	Q statistic	p-value	treatments	Q statistic	p-value
Control vs Z3al	4.6239	0.038918	Control vs Z3al	7.6862	0.003857	Control vs Z3al	3.3817	0.116892	Control vs Z3al	3	0.165075	Control vs Z3al	0	0.899995
Control vs E2al	0.2531	0.899995	Control vs E2al	2.1617	0.343776	Control vs E2al	0	0.899995	Control vs E2al	0	0.899995	Control vs E2al	0	0.899995
Z3al vs E2al	4.877	0.031406	Z3al vs E2al	9.8479	0.001059	Z3al vs E2al	3.3817	0.116892	Z3al vs E2al	3	0.165075	Z3al vs E2al	0	0.899995
Pupation			Pupation			Pupation			Pupation			Pupation		
treatments	Q statistic	p-value	treatments	Q statistic	p-value	treatments	Q statistic	p-value	treatments	Q statistic	p-value	treatments	Q statistic	p-value
Control vs Z3al	5.3051	0.022071	Control vs Z3al	15.4081	0.001005	Control vs Z3al	5.3067	0.02204	Control vs Z3al	8.3603	0.002511	Control vs Z3al	3.005	0.164336
Control vs E2al	0.8139	0.82505	Control vs E2al	13.6751	0.001005	Control vs E2al	5.134	0.025372	Control vs E2al	10.9327	0.001005	Control vs E2al	0	0.899995
Z3al vs E2al	6.119	0.01167	Z3al vs E2al	1.733	0.483274	Z3al vs E2al	0.1728	0.899995	Z3al vs E2al	2.5724	0.24162	Z3al vs E2al	3.005	0.164336
Pupa			Pupa			Pupa			Pupa			Pupa		
treatments	Q statistic	p-value	treatments	Q statistic	p-value	treatments	Q statistic	p-value	treatments	Q statistic	p-value	treatments	Q statistic	p-value
Control vs Z3al	1.7321	0.48361	Control vs Z3al	14.7975	0.001005	Control vs Z3al	8.9658	0.001742	Control vs Z3al	11.1093	0.001005	Control vs Z3al	3.0487	0.157968
Control vs E2al	1.7321	0.48361	Control vs E2al	9.8907	0.001033	Control vs E2al	6.4585	0.009058	Control vs E2al	8.6442	0.002112	Control vs E2al	0	0.899995
Z3al vs E2al	0	0.899995	Z3al vs E2al	4.9068	0.03063	Z3al vs E2al	2.5073	0.255812	Z3al vs E2al	2.4651	0.265412	Z3al vs E2al	3.0487	0.157968

Bold numbers indicate significant differences. Z3al, Z-3-hexenal; E2al, E-2-hexenal