

Supplementary Table S1. Kaplan-Meier survival analysis of *Aphis gossypii* reared on melon plants sprayed with BTH to the point of run-off, zero (B0), four (B4) and seven (B7) days prior to aphid introduction. Control plants were sprayed with distilled water (C1: first trial control, compared to B0; C2: second trial control, compared to B4 and B7) the day of aphid introduction.

Treatment	B0		B4		B7		C1		C2	
	Chi-Square	<i>p</i> -value	Chi-Square	<i>p</i> -value	Chi-Square	<i>p</i> -value	Chi-Square	<i>p</i> -value	Chi-Square	<i>p</i> -value
B0			34.210	<0.001***	48.035	<0.001***	64.359	<0.001***	32.499	<0.001***
B4	34.210	<0.001***			7.526	0.006**	15.772	<0.001***	3.138	0.076
B7	48.035	<0.001***	7.526	0.006**			1.448	0.229	0.218	0.640
C1	64.359	<0.001***	15.772	<0.001***	1.448	0.229			2.597	0.107
C2	32.499	<0.001***	3.138	0.076	0.218	0.640	2.597	0.107		

Pairwise comparisons: Log Rank (Mantel-Cox). Statistically significant: *p*-value **< 0.01; ***<0.001.