Table S4   Pairwise comparisons using Tukey HSD among groups on percentage mortality (values arcsin transformed) in transgenic lines, and their hybrids with CSR2 upon BmNPV treatment done after post-hoc analysis of the corresponding treatment factor using main effects in a one-way ANOVA.

Lines		Mean Difference	Test Statistics	P level	Significance
		Transgenic lines			
Control	IE	17.6925	7.8087	0.0001	***
	MG(+/-)	41.0488	18.1171	0.0001	***
	MG(+)	19.7788	8.7295	0.0001	***
	MG(-)	26.6300	11.7533	0.0001	***
	MG(+) x MG(-)	32.2100	14.2160	0.0001	***
IE	MG(+/-)	23.3563	10.3084	0.0001	***
	MG(+)	2.0863	0.9208	0.9863	
	MG(-)	8.9375	3.9446	0.0791	
	MG(+) x MG(-)	14.5175	6.4074	0.0007	***
MG(+/-)	MG(+)	-21.2700	9.3876	0.0001	***
	MG(-)	-14.4188	6.3638	0.0008	***
	MG(+) x MG(-)	-8.8388	3.9010	0.0848	
MG(+)	MG(-)	6.8512	3.0238	0.2882	
	MG(+) x MG(-)	12.4313	5.4866	0.0047	**
MG(-)	MG(+) x MG(-)	5.5800	2.4628	0.5132	
		Hybrids of transgenic lines x CSR2			
Control x CSR2	IE x CSR2	21.5750	7.7516	0.0002	***
	MG(+/-) x CSR2	38.8650	13.9637	0.0001	***

	MG(+) x CSR2	14.9100	5.3570	0.0082	**
	MG(-) x CSR2	21.6433	7.7762	0.0002	***
	MG(+) x MG(-) x CSR2	27.6317	9.9277	0.0001	***
IE x CSR2	MG(+/-) x CSR2	17.2900	6.2121	0.0017	**
	MG(+) x CSR2	-6.6650	2.3946	0.5465	
	MG(-) x CSR2	0.0683	0.0246	1.0000	
	MG(+) x MG(-) x CSR2	6.0567	2.1761	0.6431	
MG(+/-) x CSR2	MG(+) x CSR2	-23.9550	8.6067	0.0001	***
	MG(-) x CSR2	-17.2217	6.1875	0.0018	**
	MG(+) x Mg(-) x CSR2	-11.2333	4.0360	0.0758	
MG(+) x CSR2	MG(-) x CSR2	6.7333	2.4192	0.5357	
	MG(+) x MG(-) x CSR2	12.7217	4.5707	0.0322	*
MG(-) x CSR2	MG(+) x MG(-) x CSR2	5.9883	2.1515	0.6538	

The significance between each of the groups was calculated as a P value. *$P < 0.05$; ** $P < 0.01$; ***$P < 0.001$.