
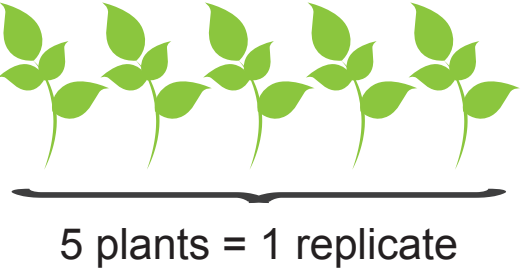


The set-up of experiments					
Location:	Greenhouse facilities		Greenhouse facilities		Field experiment
Period: (1) start of exp. (2) aphid infestation (3) harvest	CONTROL (°)	TREATMENT (!)	CONTROL (°)	TREATMENT (!)	
	(1) 20 <sup>th</sup> April 2011 (3) 4/5 <sup>th</sup> June 2011	(1) 20 <sup>th</sup> April 2011 (2) 24 <sup>th</sup> May 2011 (3) 4/5 <sup>th</sup> June 2011	(1) 27 <sup>th</sup> June 2011 (3) 10 <sup>th</sup> August 2011	(1) 27 <sup>th</sup> June 2011 (2) 1 <sup>st</sup> August 2011 (3) 10 <sup>th</sup> August 2011	
Replication:	<p>4 leaves each plant</p>  <p>5 plants = 1 replicate</p>		<p>4 leaves each plant</p>  <p>5 plants = 1 replicate</p>		<p>collected 10-13 leaves from 1 root stock: (12 root stocks): HM, HS, T2, WH49, SE, R3, BO (6 root stocks): vS2, PA, TU, PE, OL, SR, SD, HT (2 root stocks): vS1, vS3, T3 R1, R2</p> <p>1 root stock = 1 replicate</p>
Nos of biological replicates:	5 replicates		5 replicates		4 replicates (vS1, vS3, T3, R1, R2) 6 replicates (other genotypes)
Used hop genotypes :	HM, HS, T1, SE, R3, BO		HM, HS, T1, SE, R3, BO		as mentioned above

**Fig. S1** The set-up of the experiments performed in this study. The abbreviations for the hop genotypes are provided in Table 1.