

Table S1. Synthesis of analysis of the deviance (Anova) for fixed factors - plants, treatment and distance - and their interactions on abundance of each aphid species on amaranth plants

Variable	Factors	Df	Chisq	p-value
<i>A. craccivora</i>	Plants	1	1.51	0.218
	Treatments	2	3.63	0.162
	Distances	2	12.59	0.002
	Treatments: Distances	4	378.31	<0.001
<i>A. fabae</i>	Plants	1	0.00	0.990
	Treatments	2	4.70	0.096
	Distances	2	10.13	0.006
	Treatments: Distances	4	126.87	<0.001
<i>M. persicae</i>	Plants	1	0.19	0.665
	Treatments	2	4.45	0.108
	Distances	2	15.64	<0.001
	Treatments: Distances	4	260.63	<0.001

Table S2. Synthesis of analysis of the Ocimum repellent index on aphids at 8 and 12 cm

Aphids	Treatments	Distance	Df	F -value	p-value
<i>Aphis craccivora</i>	Control versus Ah+Og	8 cm	1	48.11	<0.001
		12 cm	1	135.90	<0.001
	Control versus Ah+Ob	8 cm	1	64.13	<0.001
		12 cm	1	819.00	<0.001
<i>Aphis fabae</i>	Control versus Ah+Og	8 cm	1	23.65	<0.001
		12 cm	1	40.43	<0.001
	Control versus Ah+Ob	8 cm	1	41.24	<0.001
		12 cm	1	61.44	<0.001
<i>Myzus persicae</i>	Control versus Ah+og	8 cm	1	92.74	<0.001
		12 cm	1	61.48	<0.001
	Control versus Ah+Ob	8 cm	1	25.57	<0.001
		12 cm	1	62.57	<0.001