

Supplementary materials

Table S1. GLM analysis for the effect of treatments on pollen adhesion or pollen germination rate (% of germinated pollen) on stigmas. See Materials and methods for treatments definitions. Values are reported as mean \pm s.d.; $n = 6$; $Pr > F$: the probability that the table value for F is greater than the calculated value. Statistically different groups (post-hoc Bonferroni t -test) are marked with different letters.

Treatment	$Pr > F$	Adhesion	$Pr > F$	Germination
	0.0479		> 0.001	
CTRL		1684 ± 256 <i>a</i>		65.4 ± 12.7 <i>a</i>
GO		1404 ± 422 <i>ab</i>		17.3 ± 8.7 <i>b</i>
pGO		1222 ± 127 <i>b</i>		18.4 ± 18.9 <i>b</i>

Table S2. GLM analysis for the effect of treatments on fresh mass (kg), length (cm), maximum circumference (cm) of fruits and number of seeds produced per fruit. See Materials and methods for treatments definitions. Values are reported as mean \pm s.d.; n: number of replicates per single treatment; Pr > F: the probability that the table value for F is greater than the calculated value. Statistically different groups (post-hoc Bonferroni *t*-test) are marked with different letters.

Treatment	Pr > F	n	Fresh mass	Pr > F	n	Length
	0.0073			> 0.001		
CTRL		5	437.1 \pm 168.8 <i>a</i>		5	21.3 \pm 3.1 <i>a</i>
GO		3	179.3 \pm 144.4 <i>ab</i>		3	12.8 \pm 4.4 <i>b</i>
pGO		3	0.7 \pm 0.3 <i>b</i>		3	5.2 \pm 1.4 <i>b</i>
			Circumference			
	> 0.001			0.0261		Seeds per fruit
CTRL		5	26.1 \pm 5.7 <i>a</i>		5	37 \pm 25
GO		3	18.9 \pm 6.2 <i>a</i>		3	0 \pm 0
pGO		3	2.0 \pm 0.5 <i>b</i>		3	0 \pm 0