

Online Material

Appendix 1. Estimates of least-squares means (LSM), population-level inbreeding depression (*ID*) and population-level outcrossing rate (*t*), based on progeny data from three crossing designs - selfing (SELF), open-pollination (OP) and outcrossing with Polymix (POL). The traits evaluated at different ages were survival (SURV), basal area per hectare (BAH) and breast-height diameter (DBH). The significance probabilities pertaining to the tests of differences between pairs of LSM estimates are presented for each trait and age (***, $P \leq 0.001$; **, $P \leq 0.01$; *, $P \leq 0.05$; ns, $P > 0.05$).

Age (years)	SURV			BAH			DBH					
	SELF	OP	POL	LSM (dm ² /ha)	OP	POL	LSM (cm)	OP	POL	<i>t</i>	<i>ID</i> (%)	<i>t</i>
4	91.4	92.0	94.0	588.2	842.2	1036.5	8.5	9.7	10.8		21.3	0.52
	(ns)	(ns)	(*)	(***)	(***)	(***)	(***)	(***)	(***)		18.7	
												10.2
6	55.2	71.4	89.8	593.8	1064.1	1461.2	11.1	12.4	13.2		59.4	0.54
	(***)	(***)	(***)	(***)	(***)	(***)	(***)	(***)	(***)		27.2	
												6.1
10	21.9	53.2	82.9	561.2	1654.4	2438.7	15.9	17.9	17.6		77.0	0.58
	(***)	(***)	(***)	(***)	(***)	(***)	(***)	(***)	(***)		32.2	
												-0.02

At a given age, the first *ID* estimate is based on the comparison of SELF versus POL (ID_{set1}), and the subsequent *ID* estimate is based on the comparison of OP versus POL (ID_{op}).