

Table S1 Effects of canopy position on nut yield and quality indicated by degree of freedom (DF), F and *p* values derived from ANOVA analyses

Parameter	Source	DF	F	<i>P</i>
Nut yield	Between Groups	5	122.018	0.000 (<0.01)
	Within Groups	42		
	Total	47		
Nut weight	Between Groups	5	4.887	0.001 (<0.01)
	Within Groups	42		
	Total	47		
Starch content	Between Groups	5	4.143	0.004 (<0.01)
	Within Groups	42		
	Total	47		
Total sugar content	Between Groups	5	6.362	0.000 (<0.01)
	Within Groups	42		
	Total	47		
Fat content	Between Groups	5	4.206	0.004 (<0.01)
	Within Groups	42		
	Total	47		
Protein content	Between Groups	5	3.716	0.007 (<0.01)
	Within Groups	42		
	Total	47		

Table S2 Effects of canopy position on light intensity during each month indicated by degree of freedom (DF), F and *p* values derived from ANOVA analyses

Month	Source	DF	F	<i>P</i>
5	Between Groups	5	216.014	0.000 (<0.01)
	Within Groups	42		
	Total	47		
6	Between Groups	5	453.630	0.000 (<0.01)

	Within Groups	42		
	Total	47		
7	Between Groups	5	569.120	0.000 (<0.01)
	Within Groups	42		
	Total	47		
8	Between Groups	5	695.578	0.000 (<0.01)
	Within Groups	42		
	Total	47		
9	Between Groups	5	756.135	0.000 (<0.01)
	Within Groups	42		
	Total	47		
10	Between Groups	5	263.145	0.000 (<0.01)
	Within Groups	42		
	Total	47		

Table S3 Effects of canopy position on temperature during each month indicated by degree of freedom (DF), F and *p* values derived from ANOVA analyses

Month	Source	DF	F	<i>P</i>
5	Between Groups	5	68.721	0.000 (<0.01)
	Within Groups	42		
	Total	47		
6	Between Groups	5	93.931	0.000 (<0.01)
	Within Groups	42		
	Total	47		
7	Between Groups	5	127.210	0.000 (<0.01)
	Within Groups	42		
	Total	47		
8	Between Groups	5	135.170	0.000 (<0.01)
	Within Groups	42		

	Total	47		
9	Between Groups	5	116.327	0.000 (<0.01)
	Within Groups	42		
	Total	47		
10	Between Groups	5	84.023	0.000 (<0.01)
	Within Groups	42		
	Total	47		

Table S4 Effects of canopy position on humidity during each month indicated by degree of freedom (DF), F and *p* values derived from ANOVA analyses

Month	Source	DF	F	<i>P</i>
5	Between Groups	5	232.423	0.000 (<0.01)
	Within Groups	42		
	Total	47		
6	Between Groups	5	194.361	0.000 (<0.01)
	Within Groups	42		
	Total	47		
7	Between Groups	5	163.969	0.000 (<0.01)
	Within Groups	42		
	Total	47		
8	Between Groups	5	166.361	0.000 (<0.01)
	Within Groups	42		
	Total	47		
9	Between Groups	5	153.697	0.000 (<0.01)
	Within Groups	42		
	Total	47		
10	Between Groups	5	178.379	0.000 (<0.01)
	Within Groups	42		
	Total	47		

