

Table S1 - Significance levels of main effects and interactions for cutting survival, rooting, growth and quality characteristics for *Dahlia x hybrida* variety 'Babylon lila'

Treatments	Vegetative characteristics			Leaf characteristics							Flower characteristics			Tuber characteristics				
	Height	Stem INL	S _G	L _L	L _W	NoLP	LA	SPAD	L _{DW}	SLA	DtFBA (Days)	DtFB (Days)	DoF (Days)	FD (cm)	FFW (g)	S _L (cm)	NoT (No.)	TW (g)
Growing media (GM)	0.003	0.000	0.000	0.003	0.005	0.067	0.000	0.897	0.000	0.000	0.000	0.000	0.299	0.000	0.000	0.001	0.023	0.001
Shade levels (SL)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.772	0.001	0.502	0.001
GM x SL	0.776	0.000	0.073	0.000	0.000	0.174	0.000	0.516	0.000	0.000	0.000	0.000	0.977	0.066	0.995	0.795	0.595	0.001

INL: Internodal length; S_G: Stem girth; L_L: Leaf length; L_W: Leaf width; NoLP: Number of leaf pairs; LA: Leaf area; L_{DW}: Leaf dry weight; SLA: Specific leaf area; DtFBA: Days to first bud appearance; DtFB: Days to full bloom; DoF: Duration of flowering; FD: Flower diameter; FFW: Flower fresh weight; S_L: Stem length; NoT: Number of tubers per plant; Tw: Tuber weight.

Significance of fixed factors (p-value)