
Supplementary Information

Morphophysiological and anatomical responses of culantro (*Eryngium foetidum*) to in vitro salinity

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Supplementary Table S1. Summary of the analysis of variance of *Eryngium foetidum* plants after 45 days of in vitro cultivation under three salinity levels (0, 40, and 80 mM NaCl). DF: degrees of freedom; RMS: residual mean square; Fcalc: F calculated using the F test. ^{ns}: non-significant at a 5% probability; * and ** significant at a level of 5 and 1% probability, respectively, by the F test.

Variables	DF	RMS	Fcalc	Probability (%)
Shoot length	2	4.211	9.512	0.21**
Root length	2	8.170	59.58	0.00**
Number of leaves	2	10.264	4.083	3.84*
Leaf area	2	50.889	2.711	9.87 ^{ns}
Specific leaf area	2	877.758	3.129	7.31 ^{ns}
Shoot dry mass	2	0.001	0.639	100.00 ^{ns}
Root dry mass	2	0.001	2.102	15.67 ^{ns}
Shoot/root ratio	2	0.203	2.558	11.06 ^{ns}
Fv/Fm	2	0.004	5.279	1.83*
PI	2	1.561	9.746	0.19**
A	2	8.054	10.958	0.001**
g_s	2	0.207	13.56	0.083
E	2	19.401	4.406	3.67 ^{ns}
Ci	2	28.538	2.0375	17.30 ^{ns}
Ci/Ca	2	0.001	2.272	14.56 ^{ns}
A/Ci	2	0.001	29.341	0.001**
A/ g_s	2	0.939	0.358	100.00 ^{ns}
Chlorophyll a	2	261.12	12.94	0.10**
Chlorophyll b	2	24.68	4.50	3.48*
Chlorophyll a/b	2	0.055	0.274	100.00 ^{ns}
Total chlorophylls	2	444.87	12.50	0.11**
Carotenoids	2	7.436	3.737	5.47 ^{ns}
Chlorophyll/carotenoids	2	1.553	1.435	26.99 ^{ns}