Supplementary file 1

Table 1 p values derived from ANOVA of the main effects pre-hardening fertilization (PF), fall fertilization (FF) and of their interaction effect (PF×FF) on *Quercus variabilis* seedlings height, diameter and dry mass at transplanting (T₀), at the end of establishment (T₁), rapid growing (T₂) and hardening (T₃) stages after transplantation.

Foliage dry mass at T₀ stage was not presented due to the absence of leaves for the deciduous tree species at transplanting.

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Table 2: p values derived from ANOVA of the main effects pre-hardening fertilization (PF), fall fertilization (FF) and of their interaction effect (PF×FF) on tissue nitrogen (N), phosphorus (P) and potassium (K) content of *Quercus variabilis* seedlings at transplanting (T₀), at the end of establishment (T₁), rapid growing (T₂) and hardening (T₃) stages after transplantation. Foliage nutrient content at T₀ stage was not presented due to the absence of leaves for the deciduous tree species at transplanting.

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<th>Stem</th>
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Table 3 p values derived from ANOVA of the main effects pre-hardening fertilization (PF), fall fertilization (FF) and of their interaction effect (PF×FF) on N, P and K uptake of *Quercus variabilis* seedlings from soil during establishment (T₁-T₀), from transplanting to the rapid growing (T₂-T₀) and the whole growing season (T₃-T₀) after transplantation.

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