

GENERAL INFORMATION

author(s)	Tabari M, Lust N, Neiryck J
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English title	Effects of light and humus on survival and height growth of ash (<i>Fraxinus excelsior</i> L.) seedlings
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project	PhD Tabari
supervisor	Lust N
institution	Ghent University, Laboratory of Forestry
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MATERIALS & METHODS

study area	scientific zone (5n)
time period	July 1997-October 1997
goal	Investigation of the impact of humus type and light availability on the growth and survival of ash seedlings.
set-up	pot experiment - 3 humus types: mull with pH 5.3–6.5, mull with pH 4.4–5.2, moder mull with pH 3.8–4.3 - light intensity 2.5, 10, 18, 28, 92 % - 5 pots per humus type, 4 seedlings per pot - 300 ash seedlings of 3 months old
data collection	- survival - height growth
remarks	

RESULTS

Survival

- 95.3%
- Survival lowest at 2.5 % light, highest at 10–28 % light.

Height growth

- Increased with light and nutrient availability.