Gleditsia triacanthos

Habitus and growth type

Plant height [m]: **25.16**
Life span: **Perennial**
Life form: **Phanerophyte, Tree**

Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**
Leaf phenology (woody plants only): **Winter deciduous**
Specific leaf area [mm^2/mg]: **24.81**

Flower

Flowering period: **April-May**

Fruit, seed and dispersal

Seed mass [mg]: **185.2**
Dispersal mode: **Endozoochory, Anthropochory**
Dispersal distance class: **6, 7**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **unlikely symbiosis with rhizobia**

Taxon origin

Origin in Europe: **Neophyte**

Ecology

Environmental relationships

Substrate humidity relationship: **Mesic**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.5**
Temperature indicator value: **7**
Moisture indicator value: **5.1**
Reaction indicator value: **5**
Nutrient indicator value: **5**
Salinity indicator value: **0**

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Disturbance indicator values

Disturbance frequency: **0.16**
Disturbance frequency (herb layer): **1.42**
Disturbance severity: **0.76**
Disturbance severity (herb layer): **0.28**
Mowing frequency: **0.08**
Grazing pressure: **0.2**
Soil disturbance: **0.22**

Habitat and sociology

Broad habitat

Occurrence in broad habitats: **Wetland, Scrub**

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