# *Juglans regia*

## Habitus and growth type

Plant height [m]: **19.47**
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]: **14.6**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **6609.81**
Dispersal mode: **Dyszoochory, Anthropochory**
Dispersal distance class: **6, 7**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## Taxon origin

Origin in Europe: **Native**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Mesic**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.1**
Moisture indicator value: **5.3**
Reaction indicator value: **7.1**
Nutrient indicator value: **6.3**
Salinity indicator value: **0**

### Disturbance indicator values

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Disturbance frequency: **0.1**
Disturbance frequency (herb layer): **1.36**
Disturbance severity: **0.7**
Disturbance severity (herb layer): **0.2**
Mowing frequency: **0.03**
Grazing pressure: **0.19**
Soil disturbance: **0.13**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **HA (POP) *Alno glutinosae-Populetea albae***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **T1G Alnus cordata forest**

### Broad habitat

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

## Distribution

Continentality: **5**
Continentality amplitude: **3**

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