

# *Ailanthus altissima*

## Habitus and growth type

Plant height [m]: **21.46**

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<sup>2</sup>/mg]: **17.78**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **29.22**

Dispersal mode: **Anemochory, Anthropochory**

Dispersal distance class: **4, 7**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## Taxon origin

Origin in Europe: **neophyte**

## 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: **7.1**

Moisture indicator value: **5.1**

Reaction indicator value: **6.3**

Nutrient indicator value: **7.2**

Salinity indicator value: **0.3**

Disturbance indicator values

Disturbance frequency: **0.33**  
Disturbance frequency (herb layer): **1.43**  
Disturbance severity: **0.76**  
Disturbance severity (herb layer): **0.39**  
Mowing frequency: **0.15**  
Grazing pressure: **0.19**  
Soil disturbance: **0.28**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CF \(ROB\) Robinietea](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Forest**

## **Distribution**

Continentality amplitude: **5**