Xanthium strumarium

Habitus and growth type

Plant height [m]: **0.62**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **20.01**

Flower

Flowering period: **June-October**

Fruit, seed and dispersal

Seed mass [mg]: **54.9**
Dispersal mode: **Epizoochory**
Dispersal distance class: **6**

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: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8**
Moisture indicator value: **5.6**
Reaction indicator value: **7.2**
Nutrient indicator value: **6.5**
Salinity indicator value: **1**

Disturbance indicator values

Disturbance frequency: **1.48**
Disturbance frequency (herb layer): **1.87**

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Disturbance severity: **0.65**
Disturbance severity (herb layer): **0.64**
Mowing frequency: **0.57**
Grazing pressure: **0.17**
Soil disturbance: **0.42**

Habitat and sociology

Broad habitat

Occurrence in broad habitats: **Wetland, Grassland (non-alpine, non-saline), Synanthropic**

Distribution

Continentality amplitude: **8**

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