Sonchus arvensis

Habitus and growth type

Plant height [m]: **0.91**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **21.7**

Flower

Flowering period: **May-September**

Fruit, seed and dispersal

Seed mass [mg]: **0.56**
Dispersal mode: **Anemochory, Anthropochory**
Dispersal distance class: **5, 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: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **7.2**
Temperature indicator value: **5.2**
Moisture indicator value: **5.4**
Reaction indicator value: **7**
Nutrient indicator value: **6.6**
Salinity indicator value: **0.9**

Disturbance indicator values

Disturbance frequency: **1.54**

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Disturbance frequency (herb layer): **1.85**
Disturbance severity: **0.72**
Disturbance severity (herb layer): **0.7**
Mowing frequency: **0.38**
Grazing pressure: **0.17**
Soil disturbance: **0.61**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **MA221 Atlantic saltmarsh driftline**, **V11 Intensive unmixed crops**, **V12 Mixed crops of market gardens and horticulture**, **V13 Arable land with unmixed crops grown by low-intensity agricultural methods**, **V15 Bare tilled, fallow or recently abandoned arable land**
Constant species of EUNIS habitats: **MA221 Atlantic saltmarsh driftline**, **N13 Atlantic and Baltic shifting coastal dune**, **N21 Atlantic, Baltic and Arctic coastal shingle beach**, **V11 Intensive unmixed crops**, **V12 Mixed crops of market gardens and horticulture**, **V13 Arable land with unmixed crops grown by low-intensity agricultural methods**, **V15 Bare tilled, fallow or recently abandoned arable land**

Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Coastal beach, dune or shingle, Grassland (non-alpine, non-saline), Synanthropic**

Distribution

Continentality amplitude: **8**

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