

# *Sonchus arvensis*

## Habitus and growth type

Plant height [m]: **0.91**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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**

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: [V12 Mixed crops of market gardens and horticulture](#)

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**