

# *Solanum nigrum*

## Habitus and growth type

Plant height [m]: **0.46**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **26.32**

## Flower

Flowering period: **February-November**

## Fruit, seed and dispersal

Seed mass [mg]: **0.83**

Dispersal mode: **Endozoochory, 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 reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.2**

Reaction indicator value: **6.7**

Nutrient indicator value: **7.8**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **1.3**

Disturbance frequency (herb layer): **1.9**

Disturbance severity: **0.8**

Disturbance severity (herb layer): **0.77**

Mowing frequency: **0.65**

Grazing pressure: **0.17**

Soil disturbance: **0.67**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [QA \(PAR\) \*Papaveretea rhoeadis\*](#), [QB \(SIS\) \*Sisymbrietea\*](#)

### EUNIS habitat

Constant species of EUNIS habitats: [V37 Annual anthropogenic herbaceous vegetation](#)

### Broad habitat

Occurrence in broad habitats: **Sparsely vegetated (incl. rock and scree),  
Synanthropic**

## Distribution

Continentality amplitude: **9**