

# *Malva nicaeensis*

## Habitus and growth type

Plant height [m]: **0.43**

Life span: **Annual, Biennial or short-lived**

Life form: **Hemicryptophyte, Therophyte**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **8.6**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## 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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7**

Temperature indicator value: **8.8**

Moisture indicator value: **4.3**

Reaction indicator value: **7**

Nutrient indicator value: **7.7**

Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **2.15**

Disturbance frequency (herb layer): **2.15**

Disturbance severity: **0.88**

Disturbance severity (herb layer): **0.88**

Mowing frequency: **1.28**

Grazing pressure: **0.19**

Soil disturbance: **0.51**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QC \(CHE\) \*Chenopodietea\*](#)

### Broad habitat

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