

# *Malva alcea*

## Habitus and growth type

Plant height [m]: **0.67**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **27.58**

## Flower

Flowering period: **May-September**

## Fruit, seed and dispersal

Seed mass [mg]: **2.95**

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, Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **6.2**

Moisture indicator value: **4.2**

Reaction indicator value: **7.8**

Nutrient indicator value: **7.2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.24**

Disturbance frequency (herb layer): **1.74**

Disturbance severity: **0.59**

Disturbance severity (herb layer): **0.55**

Mowing frequency: **0.88**

Grazing pressure: **0.19**

Soil disturbance: **0.31**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QF \(ART\) Artemisietea vulgaris](#)

### Broad habitat

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

## **Distribution**

Continentality: **5**

Continentality amplitude: **3**