

# *Agrostemma githago*

## Habitus and growth type

Plant height [m]: **0.65**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **17.75**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **12.7**

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

Dispersal distance class: **2, 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: **Dry**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.3**

Temperature indicator value: **5.9**

Moisture indicator value: **3.9**

Reaction indicator value: **6.3**

Nutrient indicator value: **5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **2.03**

Disturbance frequency (herb layer): **2.12**  
Disturbance severity: **0.89**  
Disturbance severity (herb layer): **0.89**  
Mowing frequency: **0.29**  
Grazing pressure: **0.1**  
Soil disturbance: **0.87**

### **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [V13 Arable land with unmixed crops grown by low-intensity agricultural methods](#)

Constant species of EUNIS habitats: [V13 Arable land with unmixed crops grown by low-intensity agricultural methods](#)

Broad habitat

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

### **Distribution**

Continentality amplitude: 7