Calendula arvensis

Habitus and growth type

Plant height [m]: **0.22**
Life span: **Annual**
Life form: **Therophyte**
Spinescence: **not spinescent**

Leaf

Specific leaf area [mm^2/mg]: **25.86**

Flower

Flowering period: **January-December**

Fruit, seed and dispersal

Seed mass [mg]: **4.84**
Dispersal mode: **Anemochory**
Dispersal distance class: **5**

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: **7.5**
Temperature indicator value: **8.3**
Moisture indicator value: **3.3**
Reaction indicator value: **7.5**
Nutrient indicator value: **6**
Salinity indicator value: **0**

Disturbance indicator values

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Disturbance frequency: **1.22**
Disturbance frequency (herb layer): **2**
Disturbance severity: **0.84**
Disturbance severity (herb layer): **0.79**
Mowing frequency: **0.62**
Grazing pressure: **0.21**
Soil disturbance: **0.52**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **QC (CHE) *Chenopodietea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **V32 Mediterranean subnitrophilous annual grassland**
Constant species of EUNIS habitats: **V32 Mediterranean subnitrophilous annual grassland**

Broad habitat

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

Distribution

Continentality amplitude: **6**

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