Calendula officinalis

Habitus and growth type

Plant height [m]: **0.36**
Life span: **Annual, Biennial or short-lived**
Life form: **Hemicryptophyte, Therophyte**

Flower

Flowering period: **May-December**

Fruit, seed and dispersal

Seed mass [mg]: **4.12**
Dispersal mode: **Anemochory, Anthropochory**
Dispersal distance class: **5, 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: **Mesic**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.8**
Temperature indicator value: **6.8**
Moisture indicator value: **4.6**
Reaction indicator value: **6.2**
Nutrient indicator value: **6**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.14**
Disturbance frequency (herb layer): **1.67**
Disturbance severity: **0.79**
Disturbance severity (herb layer): **0.76**

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Mowing frequency: **0.96**
Grazing pressure: **0.14**
Soil disturbance: **0.57**

Habitat and sociology

Syntaxon

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

Broad habitat

Occurrence in broad habitats: **Synanthropic**

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