Melilotus sulcatus

Habitus and growth type

Plant height [m]: **0.38**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **17.73**

Flower

Flowering period: **March-July**

Fruit, seed and dispersal

Seed mass [mg]: **3.8**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **symbiosis with rhizobia**

Taxon origin

Origin in Europe: **Native**

Ecology

Environmental relationships

Substrate humidity relationship: **Mesic**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **9.3**
Moisture indicator value: **5**
Reaction indicator value: **6.5**
Nutrient indicator value: **6**
Salinity indicator value: **1**

Disturbance indicator values

Disturbance frequency: **1.68**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Disturbance frequency (herb layer): **2.11**
Disturbance severity: **0.8**
Disturbance severity (herb layer): **0.78**
Mowing frequency: **0.66**
Grazing pressure: **0.23**
Soil disturbance: **0.44**

Habitat and sociology

Syntaxon

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

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree), Synanthropic**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz