

Melilotus indicus

Habitus and growth type

Plant height [m]: **0.32**

Life span: **Annual**

Life form: **Therophyte**

Leaf

Specific leaf area [mm²/mg]: **20.6**

Flower

Flowering period: **March-July**

Fruit, seed and dispersal

Seed mass [mg]: **2.27**

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: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8.3**

Moisture indicator value: **4.2**

Reaction indicator value: **6.5**

Nutrient indicator value: **5.8**

Salinity indicator value: **1**

Disturbance indicator values

Disturbance frequency: **1.36**

Disturbance frequency (herb layer): **1.85**

Disturbance severity: **0.72**

Disturbance severity (herb layer): **0.69**

Mowing frequency: **0.54**

Grazing pressure: **0.24**

Soil disturbance: **0.38**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [QC \(CHE\) Chenopodietea](#)

Broad habitat

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

Distribution

Continentality: **6**

Continentality amplitude: **6**