

Melilotus italicus

Habitus and growth type

Plant height [m]: **0.39**

Life span: **Annual**

Life form: **Therophyte**

Flower

Flowering period: **February-May**

Fruit, seed and dispersal

Seed mass [mg]: **6.35**

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: **Dry**

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

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **7**

Temperature indicator value: **9.7**

Moisture indicator value: **3.5**

Reaction indicator value: **6**

Nutrient indicator value: **5.5**

Salinity indicator value: **0.5**

Habitat and sociology

Syntaxon

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

Broad habitat

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