

# *Melilotus infestus*

## Habitus and growth type

Plant height [m]: **0.39**

Life span: **Annual**

Life form: **Therophyte**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Dispersal mode: **Local non-specific dispersal, Anthropochory**

Dispersal distance class: **2, 7**

## 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: **Alkaline**

Nutrient relationship: **Eutrophic**

### Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **8.5**

Moisture indicator value: **3.5**

Reaction indicator value: **7.5**

Nutrient indicator value: **6.5**

Salinity indicator value: **2.5**

### Disturbance indicator values

Disturbance frequency: **2.31**

Disturbance frequency (herb layer): **2.31**

Disturbance severity: **0.91**

Disturbance severity (herb layer): **0.91**

Mowing frequency: **0.48**

Grazing pressure: **0.16**

Soil disturbance: **0.65**

## 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**