

# *Medicago truncatula*

## Habitus and growth type

Plant height [m]: **0.09**

Life span: **Annual**

Life form: **Therophyte**

Spinescence: **not spinescent**

## Flower

Flowering period: **February-May**

## Fruit, seed and dispersal

Seed mass [mg]: **3.9**

Dispersal mode: **Epizoochory**

Dispersal distance class: **6**

## 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**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **9.5**

Moisture indicator value: **3**

Nutrient indicator value: **5**

Salinity indicator value: **2**

### Disturbance indicator values

Disturbance frequency: **1.34**

Disturbance frequency (herb layer): **2.11**

Disturbance severity: **0.81**

Disturbance severity (herb layer): **0.76**

Mowing frequency: **0.48**

Grazing pressure: **0.27**

Soil disturbance: **0.4**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [FJ \(TRA\) \*Stipo-Trachynietea distachyae\*](#), [QC \(CHE\) \*Chenopodietea\*](#)

Broad habitat

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