

# *Vicia sativa*

## Habitus and growth type

Plant height [m]: **0.45**

Life span: **Annual**

Life form: **Therophyte**

Spinescence: **not spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **20.72**

## Flower

Flowering period: **February-June**

## Fruit, seed and dispersal

Seed mass [mg]: **23.59**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Reaction indicator value: **6.6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.32**

Disturbance frequency (herb layer): **1.97**

Disturbance severity: **0.65**

Disturbance severity (herb layer): **0.62**

Mowing frequency: **0.6**

Grazing pressure: **0.2**

Soil disturbance: **0.5**

## **Habitat and sociology**

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [V13 Arable land with unmixed crops grown by low-intensity agricultural methods](#)

Constant species of EUNIS habitats: [S34 Balkan-Anatolian submontane genistoid scrub](#), [V11 Intensive unmixed crops](#), [V12 Mixed crops of market gardens and horticulture](#), [V13 Arable land with unmixed crops grown by low-intensity agricultural methods](#), [V15 Bare tilled, fallow or recently abandoned arable land](#), [V32 Mediterranean subnitrophilous annual grassland](#)

### Broad habitat

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