Sinapis arvensis

Habitus and growth type

Plant height [m]: **0.58**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **39.01**

Flower

Flowering period: **February-October**

Fruit, seed and dispersal

Seed mass [mg]: **2.05**
Dispersal mode: **Local non-specific dispersal, Anthropochory**
Dispersal distance class: **2, 7**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

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

Light indicator value: **7.4**
Temperature indicator value: **5.4**
Moisture indicator value: **4.4**
Reaction indicator value: **7.7**
Nutrient indicator value: **6.4**
Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **1.78**

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Disturbance frequency (herb layer): **1.97**
Disturbance severity: **0.83**
Disturbance severity (herb layer): **0.82**
Mowing frequency: **0.48**
Grazing pressure: **0.14**
Soil disturbance: **0.76**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **QA (PAR) *Papaveretea rhoeadis*, QB (SIS) *Sisymbrietea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **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**

Constant species of EUNIS habitats: **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**

Broad habitat

Occurrence in broad habitats: **Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality amplitude: **5**

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