

Amaranthus crispus

Habitus and growth type

Plant height [m]: **0.26**

Life span: **Annual**

Life form: **Therophyte**

Flower

Flowering period: **June-September**

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: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **neophyte**

Ecology

Environmental relationships

Substrate humidity relationship: **Dry**

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

Nutrient relationship: **Eutrophic**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8.7**

Temperature indicator value: **7.8**

Moisture indicator value: **4.3**

Reaction indicator value: **6.3**

Nutrient indicator value: **7.7**

Salinity indicator value: **0.7**

Disturbance indicator values

Disturbance frequency: **2.1**

Disturbance frequency (herb layer): **2.41**

Disturbance severity: **0.87**

Disturbance severity (herb layer): **0.87**

Mowing frequency: **1.05**

Grazing pressure: **0.13**

Soil disturbance: **0.77**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [QD \(DIG\) *Digitario sanguinalis*-*Eragrostietea minoris*](#)

Broad habitat

Occurrence in broad habitats: **Synanthropic**