Amaranthus viridis

Habitus and growth type

Plant height [m]: **0.43**
Life span: **Annual**
Life form: **Therophyte**

Flower

Flowering period: **June-September**

Fruit, seed and dispersal

Seed mass [mg]: **0.5**
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: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **9**
Moisture indicator value: **4.7**
Reaction indicator value: **7**
Nutrient indicator value: **8**
Salinity indicator value: **0.3**

Disturbance indicator values

Disturbance frequency: **2.21**
Disturbance frequency (herb layer): **2.21**
Disturbance severity: **0.84**
Disturbance severity (herb layer): **0.84**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Mowing frequency: **0.96**
Grazing pressure: **0.15**
Soil disturbance: **0.66**

Habitat and sociology

Syntaxon

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

Broad habitat

Occurrence in broad habitats: **Synanthropic**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz