

# *Agrostis stolonifera*

## Habitus and growth type

Plant height [m]: **0.5**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **36.01**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.06**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## 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: **Wet**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **7.8**

Moisture indicator value: **7**

Nutrient indicator value: **5**

Salinity indicator value: **0.7**

### Disturbance indicator values

Disturbance frequency: **1.24**

Disturbance frequency (herb layer): **1.8**

Disturbance severity: **0.48**

Disturbance severity (herb layer): **0.45**

Mowing frequency: **0.46**  
Grazing pressure: **0.35**  
Soil disturbance: **0.22**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [MA222 Atlantic upper saltmarsh](#), [MA223 Atlantic upper-mid saltmarsh and saline and brackish reed, rush and sedge bed](#), [MA232 Baltic coastal meadow](#), [N1H Atlantic and Baltic moist and wet dune slack](#), [R36 Moist or wet mesotrophic to eutrophic pasture](#)

Constant species of EUNIS habitats: [MA211 Arctic coastal saltmarsh](#), [MA221 Atlantic saltmarsh driftline](#), [MA222 Atlantic upper saltmarsh](#), [MA223 Atlantic upper-mid saltmarsh and saline and brackish reed, rush and sedge bed](#), [MA232 Baltic coastal meadow](#), [N1H Atlantic and Baltic moist and wet dune slack](#), [N1J Mediterranean and Black Sea moist and wet dune slack](#), [N34 Atlantic and Baltic soft sea cliff](#), [P2N Spring](#), [Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen](#), [Q45 Arctic-alpine rich fen](#), [Q46 Carpathian travertine fen with halophytes](#), [Q52 Small-helophyte bed](#), [Q54 Inland saline or brackish helophyte bed](#), [Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation](#), [Q62 Periodically exposed shore with stable, mesotrophic sediments with pioneer or ephemeral vegetation](#), [R21 Mesic permanent pasture of lowlands and mountains](#), [R31 Mediterranean tall humid inland grassland](#), [R32 Mediterranean short moist grassland of lowlands](#), [R34 Submediterranean moist meadow](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [R36 Moist or wet mesotrophic to eutrophic pasture](#), [R37 Temperate and boreal moist or wet oligotrophic grassland](#), [R55 Lowland moist or wet tall-herb and fern fringe](#), [R63 Temperate inland salt marsh](#), [R65 Continental subsaline alluvial pasture and meadow](#), [S91 Temperate riparian scrub](#), [S92 Salix fen scrub](#), [T11 Temperate Salix and Populus riparian forest](#), [U25 Boreal and Arctic base-rich scree and block field](#), [U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions](#)

Dominant species of EUNIS habitats: [MA222 Atlantic upper saltmarsh](#), [MA223 Atlantic upper-mid saltmarsh and saline and brackish reed, rush and sedge bed](#), [MA232 Baltic coastal meadow](#), [R21 Mesic permanent pasture of lowlands and mountains](#), [R36 Moist or wet mesotrophic to eutrophic pasture](#)

### Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh**, **Coastal cliff**, **Aquatic**, **Spring**, **Wetland**, **Mire**, **Grassland (non-alpine, non-saline)**, **Saline vegetation**, **Scrub**, **Forest**, **Sparsely vegetated (incl. rock and scree)**, **Synanthropic**

## Distribution

Continentality amplitude: **8**