

# *Lolium perenne*

## Habitus and growth type

Plant height [m]: **0.26**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **21.92**

## Flower

Flowering period: **February-October**

## Fruit, seed and dispersal

Seed mass [mg]: **1.96**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8**

Reaction indicator value: **6.1**

Nutrient indicator value: **6.3**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **1.72**

Disturbance frequency (herb layer): **2.16**

Disturbance severity: **0.56**

Disturbance severity (herb layer): **0.55**  
Mowing frequency: **1.07**  
Grazing pressure: **0.43**  
Soil disturbance: **0.38**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) \*Molinio-Arrhenatheretea\*](#),  
[FH \(BUL\) \*Poetea bulbosae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [MA222 Atlantic upper saltmarsh](#), [R21 Mesic permanent pasture of lowlands and mountains](#), [R34 Submediterranean moist meadow](#), [R36 Moist or wet mesotrophic to eutrophic pasture](#), [V35 Trampled mesophilous grassland with annuals](#)

Constant species of EUNIS habitats: [MA221 Atlantic saltmarsh driftline](#), [MA222 Atlantic upper saltmarsh](#), [R21 Mesic permanent pasture of lowlands and mountains](#), [R22 Low and medium altitude hay meadow](#), [R34 Submediterranean moist meadow](#), [R36 Moist or wet mesotrophic to eutrophic pasture](#), [V34 Trampled xeric grassland with annuals](#), [V35 Trampled mesophilous grassland with annuals](#), [V37 Annual anthropogenic herbaceous vegetation](#)

Dominant species of EUNIS habitats: [R21 Mesic permanent pasture of lowlands and mountains](#), [R34 Submediterranean moist meadow](#), [R36 Moist or wet mesotrophic to eutrophic pasture](#)

### Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Grassland (non-alpine, non-saline), Saline vegetation, Scrub, Synanthropic**

## Distribution

Continentality amplitude: **5**