Lolium perenne

Habitus and growth type

Plant height [m]: **0.26**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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**

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