

# *Lolium multiflorum*

## Habitus and growth type

Plant height [m]: **0.63**

Life span: **Annual, Biennial or short-lived**

Life form: **Hemicryptophyte, Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **29.25**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **2.64**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.2**

Moisture indicator value: **4.6**

Reaction indicator value: **6.9**

Nutrient indicator value: **7.1**

Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **1.58**

Disturbance frequency (herb layer): **1.94**

Disturbance severity: **0.69**

Disturbance severity (herb layer): **0.67**

Mowing frequency: **0.77**

Grazing pressure: **0.22**

Soil disturbance: **0.52**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) \*Molinio-Arrhenatheretea\*](#)

### Broad habitat

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

## **Distribution**

Continentality amplitude: **5**