

# *Phleum pratense*

## Habitus and growth type

Plant height [m]: **0.57**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **22.24**

## Flower

Flowering period: **March-October**

## Fruit, seed and dispersal

Seed mass [mg]: **0.65**

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: **7.4**

Temperature indicator value: **5**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **1.56**

Disturbance frequency (herb layer): **2.06**

Disturbance severity: **0.53**

Disturbance severity (herb layer): **0.51**

Mowing frequency: **1.07**

Grazing pressure: **0.38**

Soil disturbance: **0.35**

## **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [R21 Mesic permanent pasture of lowlands and mountains](#)

Constant species of EUNIS habitats: [R21 Mesic permanent pasture of lowlands and mountains](#), [R22 Low and medium altitude hay meadow](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland**

## **Distribution**

Continentality amplitude: **6**