

# *Ranunculus repens*

## Habitus and growth type

Plant height [m]: **0.2**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **24.63**

## Flower

Flowering period: **February-August**

## Fruit, seed and dispersal

Seed mass [mg]: **2.34**

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

Dispersal distance class: **1**

## 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**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **6.3**

Temperature indicator value: **5**

Moisture indicator value: **7.3**

Reaction indicator value: **5.8**

Nutrient indicator value: **6.5**

Salinity indicator value: **0.7**

### Disturbance indicator values

Disturbance frequency: **1.03**

Disturbance frequency (herb layer): **1.81**  
Disturbance severity: **0.54**  
Disturbance severity (herb layer): **0.49**  
Mowing frequency: **0.61**  
Grazing pressure: **0.33**  
Soil disturbance: **0.27**

## Habitat and sociology

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R21 Mesic permanent pasture of lowlands and mountains](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [R36 Moist or wet mesotrophic to eutrophic pasture](#), [T12 \*Alnus glutinosa\*-\*Alnus incana\* forest on riparian and mineral soils](#)

Constant species of EUNIS habitats: [N1H Atlantic and Baltic moist and wet dune slack](#), [P2N Spring](#), [Q52 Small-helophyte bed](#), [Q53 Tall-sedge bed](#), [Q54 Inland saline or brackish helophyte bed](#), [Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation](#), [R21 Mesic permanent pasture of lowlands and mountains](#), [R22 Low and medium altitude hay meadow](#), [R34 Submediterranean moist meadow](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [R36 Moist or wet mesotrophic to eutrophic pasture](#), [R55 Lowland moist or wet tall-herb and fern fringe](#), [S38 Temperate forest clearing scrub](#), [S91 Temperate riparian scrub](#), [T11 Temperate \*Salix\* and \*Populus\* riparian forest](#), [T12 \*Alnus glutinosa\*-\*Alnus incana\* forest on riparian and mineral soils](#), [T13 Temperate hardwood riparian forest](#), [U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions](#), [V11 Intensive unmixed crops](#), [V12 Mixed crops of market gardens and horticulture](#), [V13 Arable land with unmixed crops grown by low-intensity agricultural methods](#), [V15 Bare tilled, fallow or recently abandoned arable land](#), [V39 Mesic perennial anthropogenic herbaceous vegetation](#)

Dominant species of EUNIS habitats: [R36 Moist or wet mesotrophic to eutrophic pasture](#)

### Broad habitat

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

## Distribution

Continentality amplitude: 7