

# *Trifolium repens*

## Habitus and growth type

Plant height [m]: **0.22**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **32.07**

## Flower

Flowering period: **March-October**

## Fruit, seed and dispersal

Seed mass [mg]: **0.65**

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

Dispersal distance class: **1, 7**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **symbiosis with rhizobia**

## 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: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **7.7**

Reaction indicator value: **5.6**

Salinity indicator value: **0.7**

### Disturbance indicator values

Disturbance frequency: **1.74**

Disturbance frequency (herb layer): **2.14**

Disturbance severity: **0.53**

Disturbance severity (herb layer): **0.52**

Mowing frequency: **0.94**

Grazing pressure: **0.39**

Soil disturbance: **0.35**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [MA222 Atlantic upper saltmarsh](#), [R21 Mesic permanent pasture of lowlands and mountains](#), [R22 Low and medium altitude hay meadow](#)

Constant species of EUNIS habitats: [MA222 Atlantic upper saltmarsh](#), [MA232 Baltic coastal meadow](#), [N1H Atlantic and Baltic moist and wet dune slack](#), [N34 Atlantic and Baltic soft sea cliff](#), [R1K Balkan and Anatolian oromediterranean dry grassland](#), [R21 Mesic permanent pasture of lowlands and mountains](#), [R22 Low and medium altitude hay meadow](#), [R23 Mountain hay meadow](#), [R24 Iberian summer pasture \(vallicar\)](#), [R33 Mediterranean short moist grassland of mountains](#), [R34 Submediterranean moist meadow](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [R36 Moist or wet mesotrophic to eutrophic pasture](#), [R37 Temperate and boreal moist or wet oligotrophic grassland](#), [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](#), [V35 Trampled mesophilous grassland with annuals](#)

### Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh**, **Coastal cliff**, **Wetland**, **Grassland (non-alpine, non-saline)**, **Sparsely vegetated (incl. rock and scree)**, **Synanthropic**

## Distribution

Continentality amplitude: **8**