

# *Echinochloa crus-galli*

## Habitus and growth type

Plant height [m]: **0.71**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **28.09**

## Flower

Flowering period: **May-October**

## Fruit, seed and dispersal

Seed mass [mg]: **1.78**

Dispersal mode: **Epizoochory, Anthropochory**

Dispersal distance class: **6, 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: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.1**

Reaction indicator value: **7.3**

Nutrient indicator value: **7.7**

Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **1.72**

Disturbance frequency (herb layer): **1.84**

Disturbance severity: **0.78**

Disturbance severity (herb layer): **0.78**

Mowing frequency: **0.42**

Grazing pressure: **0.16**

Soil disturbance: **0.62**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation](#), [V12 Mixed crops of market gardens and horticulture](#), [V14 Inundated or inundatable cropland, including rice fields](#)

Constant species of EUNIS habitats: [Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation](#), [Q63 Periodically exposed saline shore with pioneer or ephemeral vegetation](#), [V11 Intensive unmixing crops](#), [V12 Mixed crops of market gardens and horticulture](#), [V14 Inundated or inundatable cropland, including rice fields](#), [V15 Bare tilled, fallow or recently abandoned arable land](#), [V34 Trampled xeric grassland with annuals](#), [V37 Annual anthropogenic herbaceous vegetation](#)

### Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Sparsely vegetated (incl. rock and scree), Synanthropic**

## Distribution

Continentality amplitude: **6**