

# *Agropyron cristatum*

## Habitus and growth type

Plant height [m]: **0.4**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **18.81**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **7.7**

Dispersal mode: **Epizoochory**

Dispersal distance class: **6**

## 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: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.4**

Temperature indicator value: **6.7**

Moisture indicator value: **2.5**

Reaction indicator value: **7.3**

Nutrient indicator value: **2.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.69**

Disturbance frequency (herb layer): **1.97**

Disturbance severity: **0.51**

Disturbance severity (herb layer): **0.5**

Mowing frequency: **0.55**

Grazing pressure: **0.39**

Soil disturbance: **0.23**

## **Habitat and sociology**

EUNIS habitat

Constant species of EUNIS habitats: [R17 Heavy-metal dry grassland of the Balkans](#),  
[R1B Continental dry grassland \(true steppe\)](#), [R1C Desert steppe](#)

Broad habitat

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