

Ecological garden facts

1 ha of flowering meadow can store up to **0.5 - 1 tonne C/year**

75% of our plant food depends on pollinators

75% decline in biomass of flying insects in the last 35 years

A **flower meadow** increases the nectar score of your garden and helps pollinators







1 m³ of dead wood contains **10 000+** organisms

1 teaspoon of good garden soil =

- 1 billion bacteria
- metres of fungal threads
- 1000s of protozoa
- 50 or so nematodes

1 m³ of soil with lots of soil life holds **170 ml** of water

BIODIVERSITY ensures

-  healthy air +
 -  clean water +
 -  food security +
 -  regulates the climate +
 -  medicines +
 -  human well-being
- = our life insurance**

5 trees or more: **1 °C** cooling (versus no trees)

1 tree = **10** air conditioners

A hedge cools **0.5 °C** compared to a fence

Long grass (> 20 cm) **3.5 °C** cooling compared to lawn (< 5 cm)

A **climate-friendly** garden is

1. A carbon sink
2. A water buffer
3. A cooling machine
4. A refuge for fauna

90% of all plants depend on the mycorrhizae (fungal threads), which they live with