

The project: 100 fields for diversity



From the former diversity of colourful fields...

Arable wild plants ...

like cornflower, poppy and camomile have been colourful companions of arable crop production for hundreds of years. About three quarters of all arable weed species occurring in Germany were first introduced to Central Europe along with cereal cropping. Increasing economic pressure within the agricultural sector and the resulting intensification of weed control with herbicides over the last few decades have resulted in an increasing loss of species in arable field habitats. Nowadays, every second arable weed species can be found on the Red List Data Book of at least one German federal state.



... to today's usual situation.

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Botanical excursion near Karlstadt (Bavaria), 2004

Sustainable conservation objectives are required!

Efforts to protect endangered arable species have been going on for almost 50 years. Programmes for field margin strips in the 1980s were especially successful. However, they have almost ceased due to the high administrative effort involved and changing subsidy policies. Many field flora reserves within the former German Democratic Republic have not survived German reunification. Arable weed species are dependant on appropriate cultivation of the fields by farmers. Close cooperation with local farmers is therefore a central concern of this project. Based on the current problems, a call for new, sustainable conservation objectives has been put forward in the "Karlstadt position paper" published in 2005.



Thorow-wax



White star of Bethlehem between grapevines

