

Regional Seed Mixtures

- start of the project 1.5.2022 (Norway funds)
- the testing of technologies for small- and large-volume seed harvesting
- the creation of three databases (Database of donor grassland sites, Database of vegetation and floristic data, Database of seeded plots)
- the establishment of demonstration sites as examples of good practice for regional seed mixtures and the green hay transfer



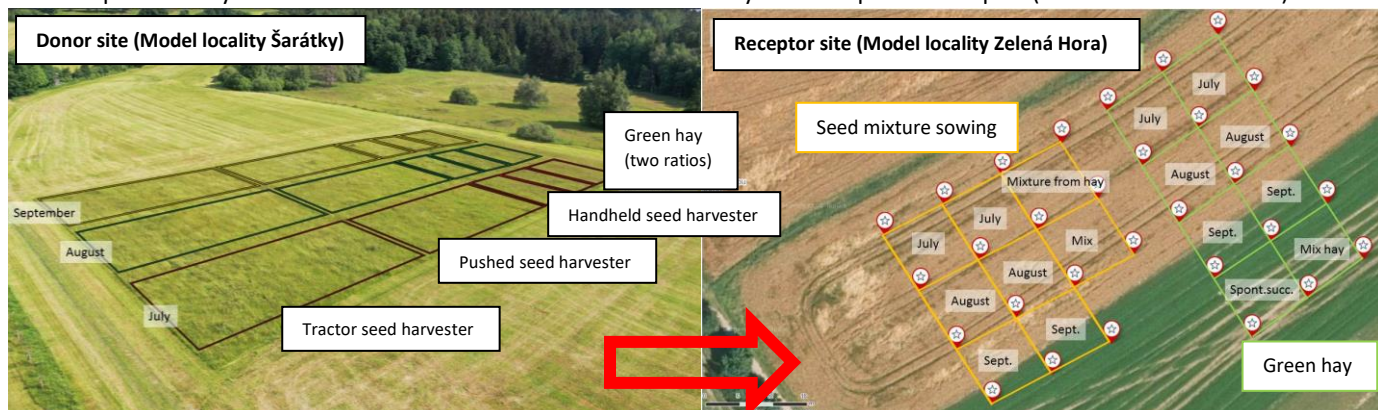
Brush Seed Harvesters

- testing the effectivity and performance of three types of harvester in different conditions: hand-held, pushed, and tractor



Model localities – donor and receptor sites

- 8 model donor locations in CR
- 4 receptor sites with a long-term experiment in an abandoned field
- donor locality: three times during the season (JUL, AUG, SEP) brushing the seeds using the different types of harvesters + green hay transfer + hay for drying and threshing
- receptor locality: transfer of the material from the donor locality to the experimental plot (see the scheme below)



Sorting of brushed material

- analysis of brushed material from the standardized sample to compare the effectivity of the harvesters and the quantity of particular species during the season

Localities included in the Database of donor sites

- at least 30 selected localities with well-preserved natural vegetation suitable for seed harvesting in the CR
- monitoring by botanists, brushing with owner's consent

Project partners

- University of South Bohemia in České Budějovice
- Masaryk University in Brno
- Agrostis Trávníky, s.r.o. [company creating grass seed mixtures]
- Basic organization ČSOP [Czech Union for Nature Conservation] White Carpathians
- Basic organization ČSOP [Czech Union for Nature Conservation] Vlašim
- Western Norway University of Applied Sciences, Norway (Knut Rydgren, Inger Auestad)
- BROZ, Slovakia

