

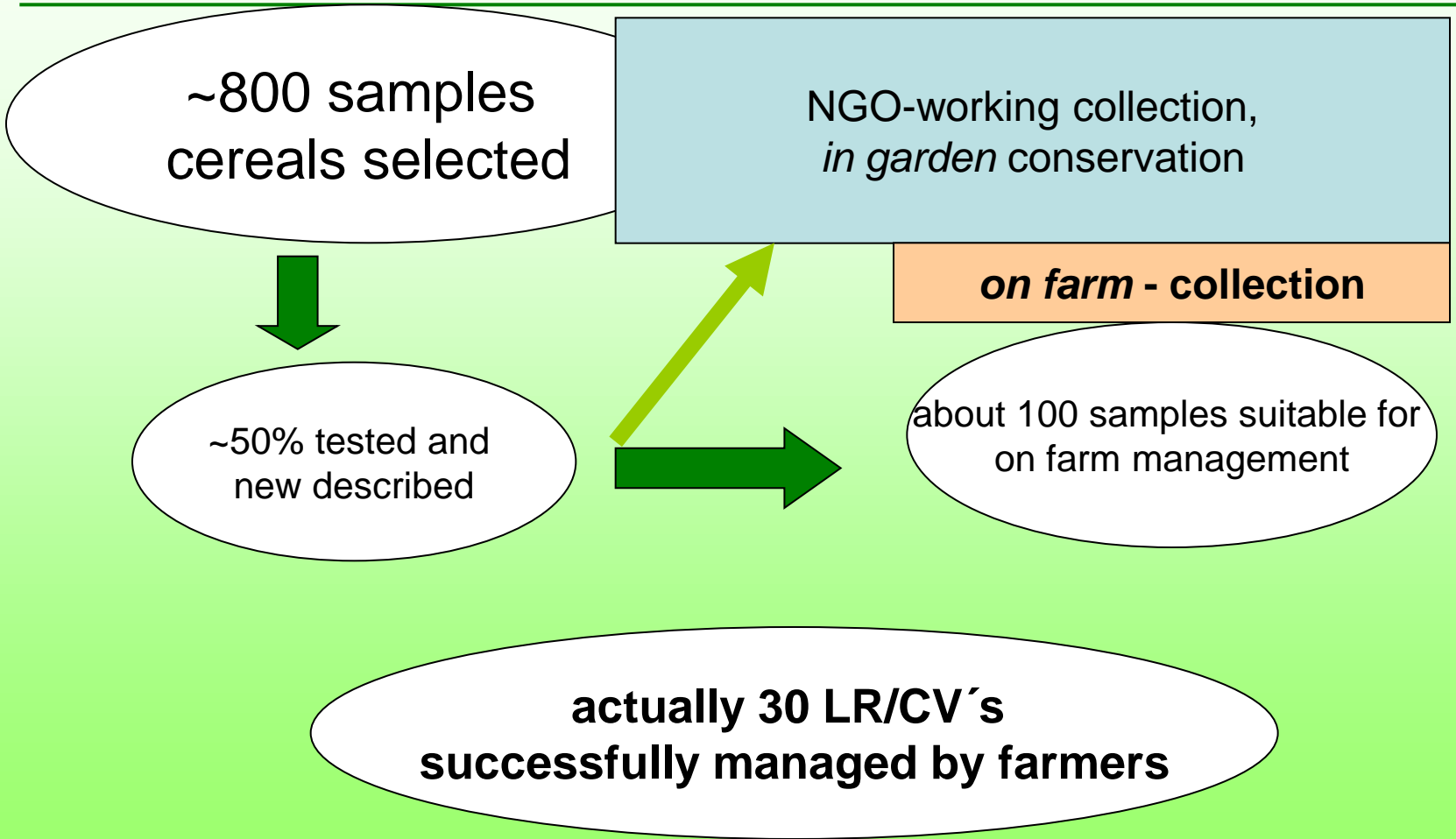
Landrace diversity of cereals for organic and low input agriculture

Landesamt für
Umwelt,
Gesundheit und
Verbraucherschutz

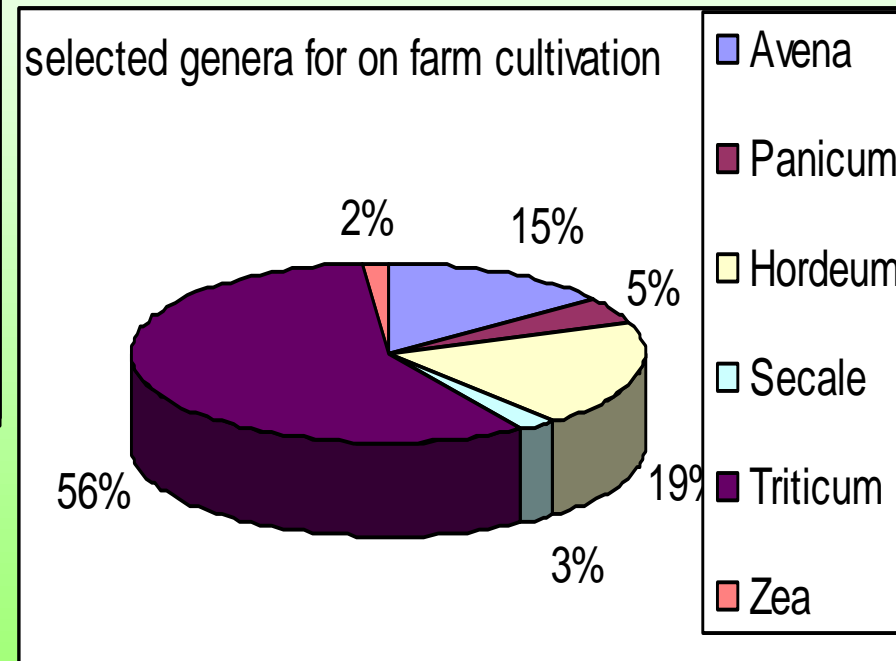
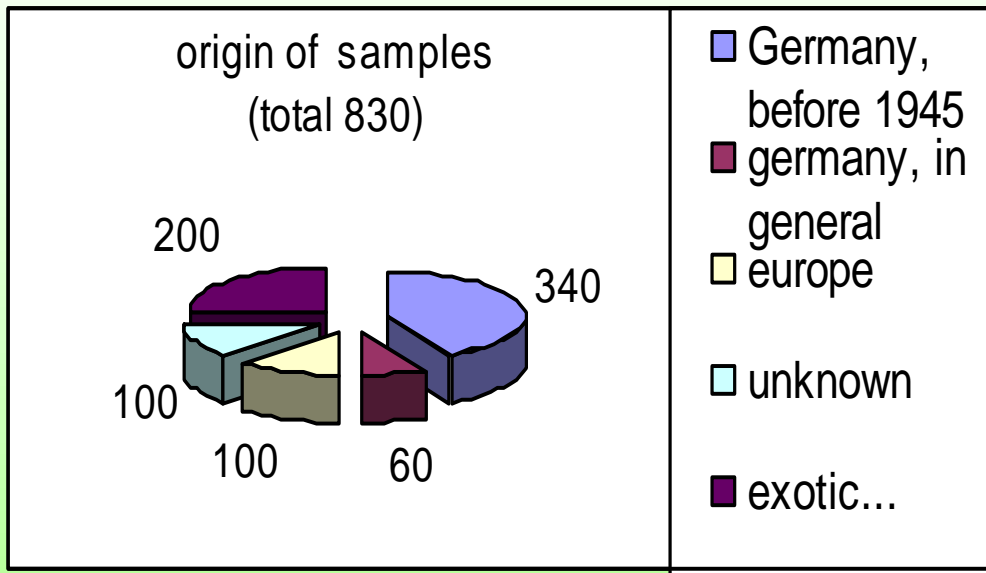
- case study and
reintroduction project of
the german biosphere
reserve Schorfheide-
Chorin

Brandenburg
State Office of
Environment,
Health and
Consumer
Protection

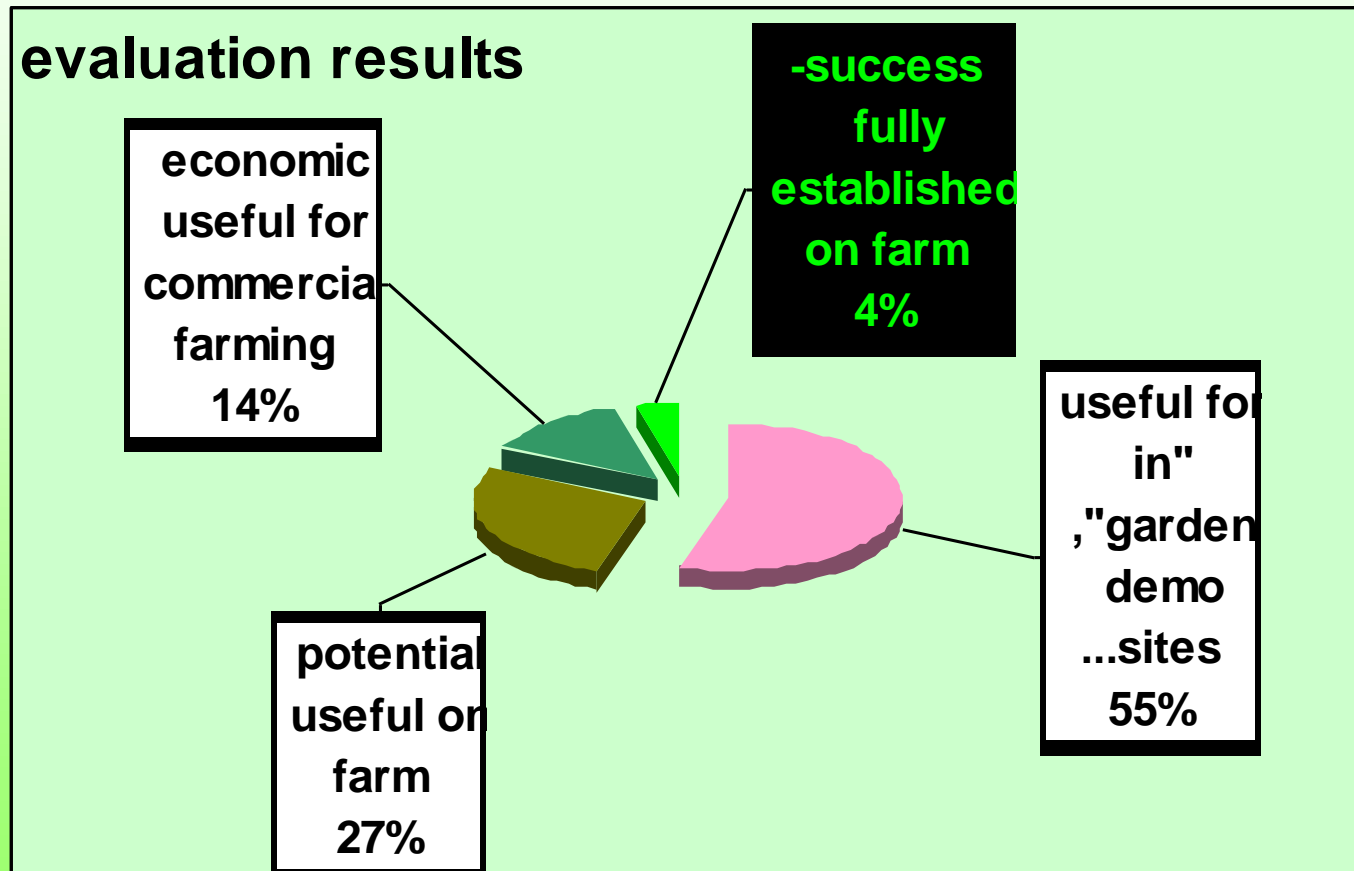
gene bank collection as a source for reintroduction?



sources of LR/CV and passport data

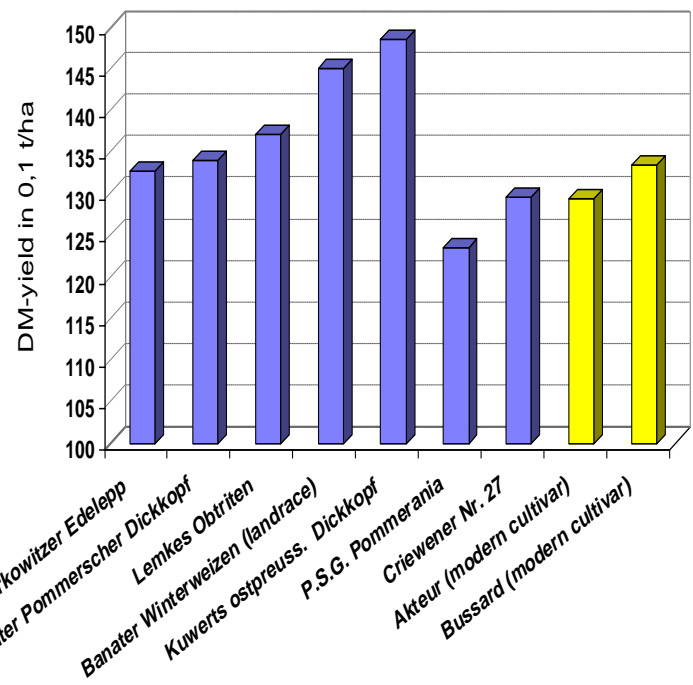


1995 - 2010

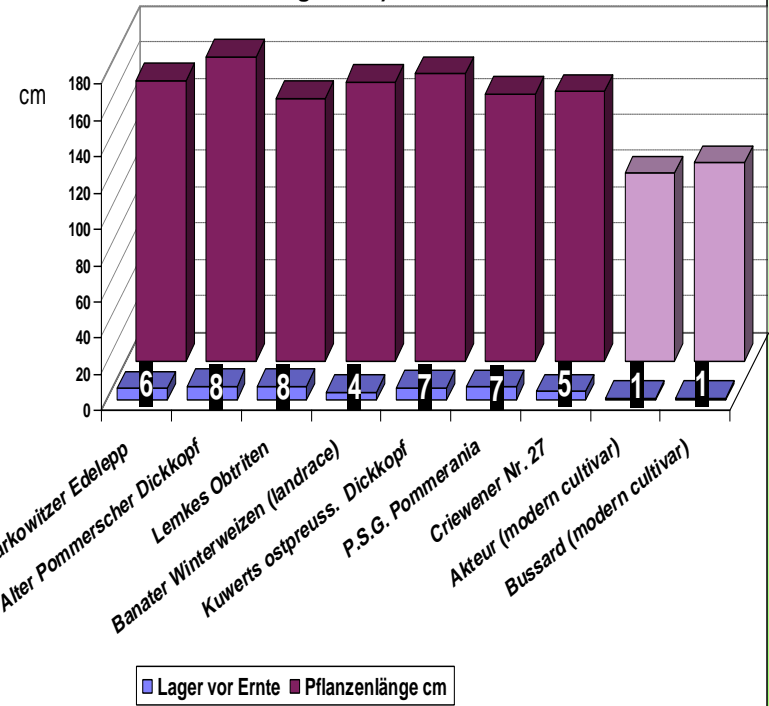


selected results from evaluation and field trails: dry mass yield and stability, agronomic research station, high level cultivation, 2009

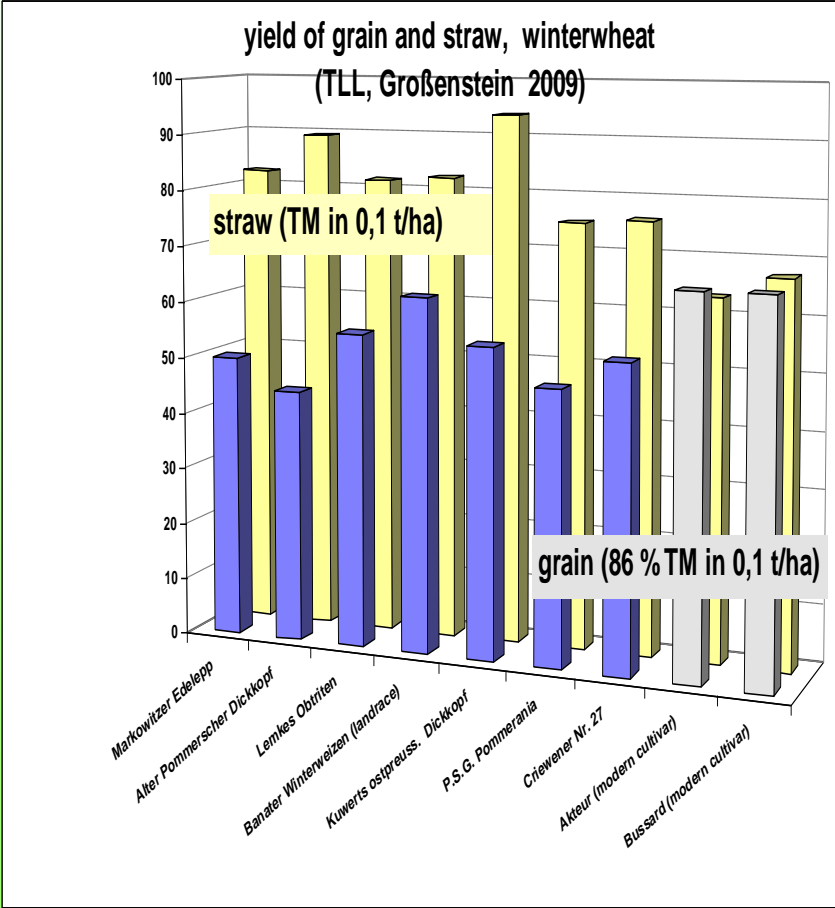
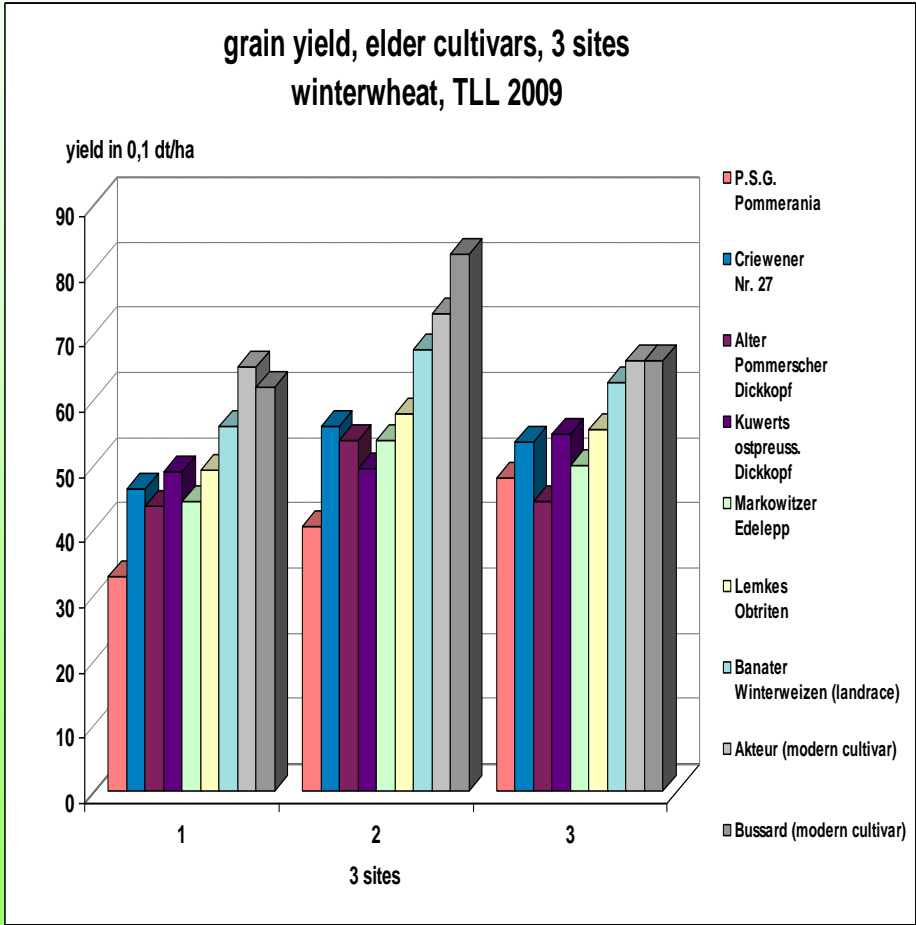
dry mass yield of elder cultivars, winter wheat (TLL;
Standort Großenstein 2009)



Height and stability of elder cultivars (TLL; Standort
Dornburg, 2009)



grain yield of LR/CV's under high input conditions 2009



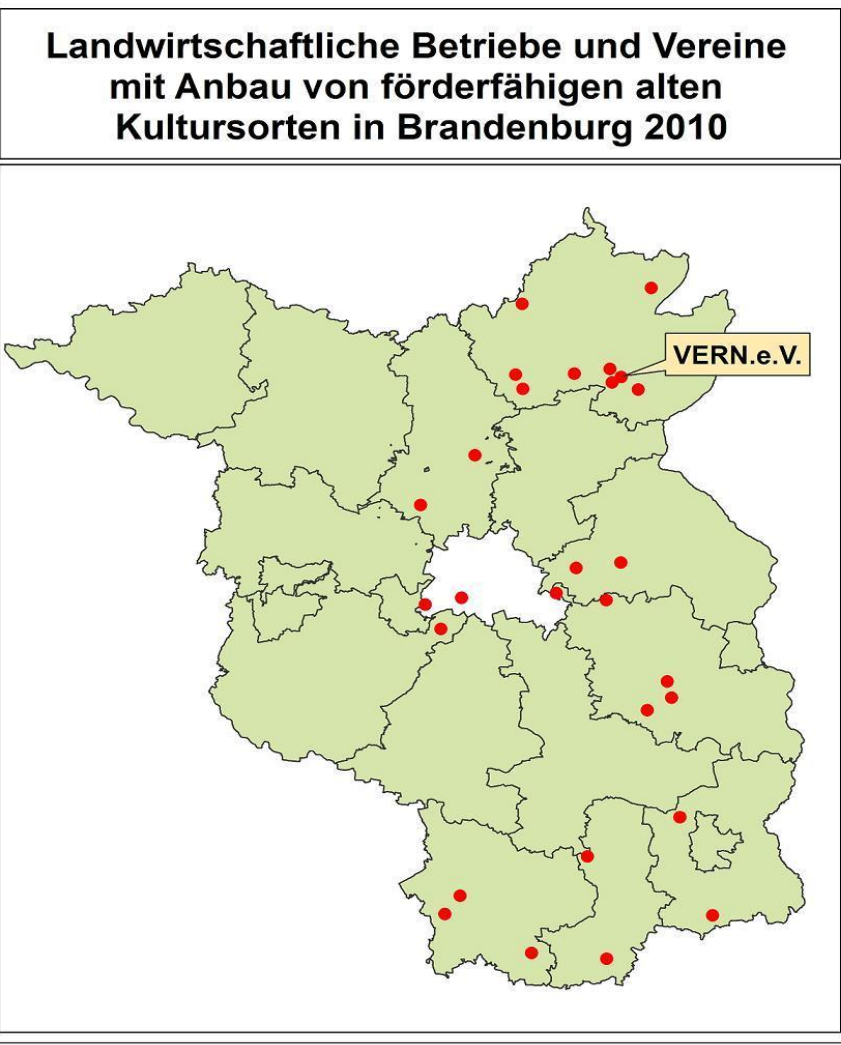
Farmers network Brandenburg cultivation of LR/CV 2010

Farmers network for the CV Champagne rye

characteristics of champagne rye:
-earlier ripening,
enormous height (>2 m),
high baking value,
competitive yield (equal under low input)



Figure 1:
on-farm conservation of Champagne Rye,
status 2006



typical landraces and elder cultivars of north-eastern german plains



barley landraces: brewery, taste and ingredients...

barley network:
grain production, malt
processing
and brewery technology

Landwirtschaftskammer
Nordrhein-Westfalen

Klosterbrauerei  Weißenhofe

Pinkus Bier

Neumarkter
Lammsbräu
Das feine ökologische Bier

ALLGAUER
Brauerei

Enzensteiner

Salzburger
Stiegl

Liebhart's Privathbrauerei Helmold
LIEBHART'S RESIDENZ-BIERE

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values and chances for LR/CV in low input agriculture

- healthy ingredients potential of LR/CV
- competitive yield under low input conditions
- special value for wildlife (nature protection)
- agrotouristic advantage (local products)
- biomass yield, tolerance, environmental advantage

effects and results of the BR- project:

- improvement of availability of LR/CV for farmers
- improvement of knowledge and advise
- repair of disrupted product handling (farmer-mill-baker, farmer-malt factory-brewery...)

thank you for listening!

