

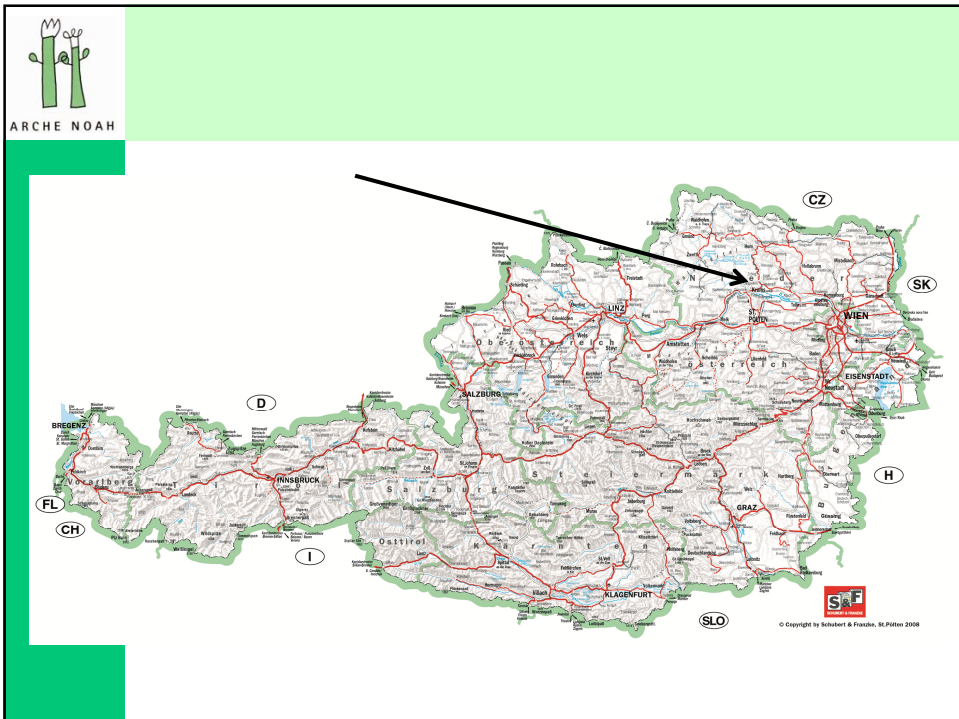


ARCHE NOAH

ARCHE NOAH

Leonardo da Vinci „Growing agricultural biodiversity:
knowledge and practice in Europe“
24th – 25th of march 2014, Gänserndorf, Austria

DI (FH) Franziska Lerch





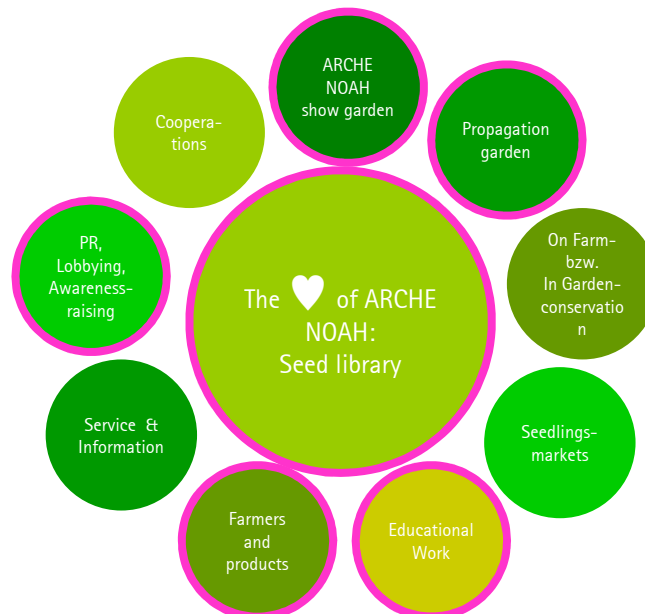
ARCHE NOAH

Arche Noah

- Founded in 1989 by heirloom gardeners and biological farmers in Austria.
- We are a NGO with by now around more than 10.000 members
- The common goals: preservation, distribution and utilisation of heirloom varieties and old local varieties of vegetables, field crops and fruits.



Divisions of ARCHE NOAH





ARCHE NOAH Seed library

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- 6.500 accessions of vegetables, field crops, herbs and ornamental plants
- Big number of local varieties
- Manages propagation of seeds and longtime protection



ARCHE NAOH– public- and propagation garden

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On farm/in garden conservation – decentralised network

- On farm-/In garden-conservation through using and eating
- ARCHE NOAH seed collection provides seeds
- We organize annual meetings for conservators

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Personal responsibilities for varieties

preservation of varieties in private housegardens



On farm/in garden conservation – decentralised network

80 Angebote von Gasparin-Bamner Angelika, MMag., Untere Sonnenleitn

Kapitel 1 – Gemüse & Feldfrüchte

Bezeichnung	Bez. botanisch	Weitere Informationen
Bohne, Busch:	(Phaseolus vulgaris var. nanus)	eS-7 VII-X
Esterbohne		Fisole, Trockenbohne
Nierenförmig längliches Korn, wunderschön schwarz-weiß gefärbt wie das Gefieder einer Echter, manchmal überwiegt die weiße, manchmal die schwarze Farbe. Jung ernten, kann fadig werden. Seit 2006 von G. Böhl.		
Frauenbohne (89233)		Trockenbohne
Grüne Hülsen. Sehr schönes Korn, halb weiß, halb violett gesprenkelt. Seit 2006 von L. Meisinger, unopr. via AN Sortenarchiv 1990 von S. Lasang.		
Kleine Pfropfe		Fisole
Sehr gute ca. 15 cm lange Fisole. Kleine, ovale, tief-schwarze Körner. Seit 2007 von G. Böhl.		
Bohne, Stangen:	(Phaseolus vulgaris var. vulgaris)	vE4/VS-6 VII-X

Im Sortenhandbuch verwendete Abkürzungen und Symbole
Legende (1,5*+1)

Sollten Sie Fragen haben, rufen Sie uns bitte einfach an:
+43(0)2734/8625 (besetzt von Di. 8-18 Uhr und Mi-Fr. 8-12 Uhr)
oder senden Sie uns ein E-Mail: info@arche-noah.at



Farmers & Products



- Arche Noah partners (farmers) - sell rare varieties
- Consumers demand is increasing, awareness raising is still necessary



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ARCHE NOAH seedlings markets

- This year we had it in 8 different locations all over Austria



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Educational work

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Cooperations

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cooperations:

- seeds (Reinsaat),
- vegetables and seeds (retailers),
- seedlings (Bellaflora)





Development of heirloom varieties through participative plant breeding

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Goal: Screening of varieties from the ARCHE NOAH seed collection concerning cultivation, use and marketing aspects for organic farms

- **Where: on farm**
- **how:**
 - Farms provide fields
 - Arche Noah evaluates together with farmers or institutions
 - Working meetings for planing, presentation of results and exchange of experience
 - Best varieties are propagated and selected
 - Harvested seeds are provided to the participating members of this group
- **Financed by: LEADER**

MIT UNTERSTÜTZUNG VON BUND, LAND UND EUROPÄISCHER UNION



Europäischer Landwirtschaftsfonds
für die Entwicklung des ländlichen
Raums - Hier investiert Europa in
die ländlichen Gebiete



Working group „Bauernparadeiser“

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- working group „Bauernparadeiser“ („Farmers‘ tomatoes“) was founded 2010
- consisting of :
 - organic farmers
 - organic farming association BIO AUSTRIA
 - Austrian Seed Savers Association ARCHE NOAH
 - several research institutes (LVZ Wies, HBLFA Schönbrunn; GBS Langenlois, University of applied life sciences)
- Organized as a loose group, with a coordinating person, meetings concerning planning, results , structure

The aim is:

- to screen open-pollinating tomato varieties in organic production
- develop them further to assure stable yields and healthy plants on the respective farms
- and so strengthen the production and consumption of these cultivars



Working group „Bauernparadeiser“

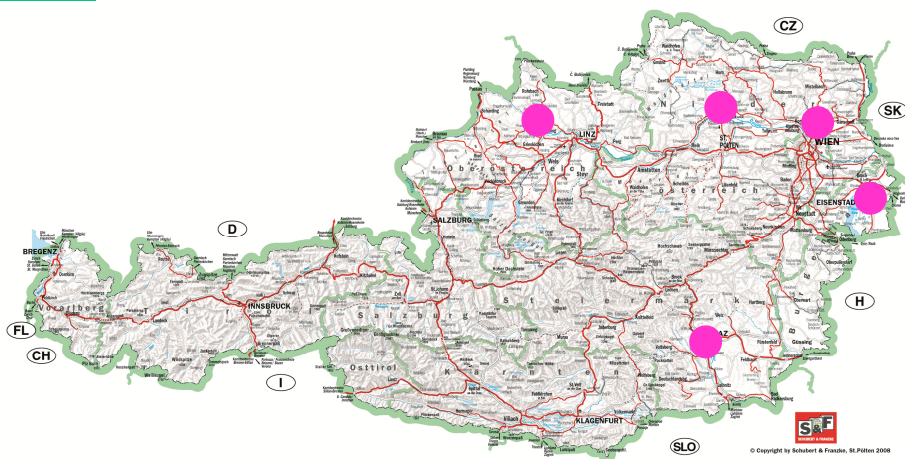
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What happened so far:

- after screening numerous cultivars in 2011 and 2012
- cultivars with need for improvement were identified
- Particularly resistance to *Cladosporium fulvum* was identified as a major objective of the group and is worked on by means of cultivar evaluations, selection and breeding activities
- Virus infection occurred as a problem, especially while seedchange is a main workingbase



Locations of the participating farms/institutes





Questions we have

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- how to conserve seedquality, and – health when more farms are engaged in producing seed
- whose „property“ will be the developed varieties?
- structure of the group
 - association, farmers initiative...
 - who coordinates/initiates (breeder, scientist, farmer)?
- transfer of knowledge – how do farmers become breeders again?
- financing

Diversity is in our hands!

