

# STATUS OF THE NATIONAL ALLIUM COLLECTION - NORWAY

Ingunn M. Vågen

NIBIO - Norwegian institute of  
Bioeconomy Research

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## Number of accessions in the COUNTRY collection(s) [list below can be adapted]

Species/Crop	Ex situ	Field	Cryo	Vitro	Total
Garlic ( <i>Allium sativum</i> L.)					
Shallot ( <i>Allium ascalonicum</i> L.)		21			21
Common onion ( <i>Allium cepa</i> L.)	2				2
Chive ( <i>Allium schoneoprasum</i> L.)	6				6
Leek ( <i>Allium porrum</i> L.)	1				1
Spring onion ( <i>Allium fistulosum</i> L.)	10				10
Wild Alliums ( <i>A. ursinum</i> ++)	1	11			12
Various field collections		106			106
<b>TOTAL</b>	20	138			158

## Safety duplication percentage

Species/Crop	%
Garlic ( <i>Allium sativum</i> L.)	
Shallot ( <i>Allium ascalonicum</i> L.)	~
Common onion ( <i>Allium cepa</i> L.)	100
Chive ( <i>Allium schoneoprasum</i> L.)	100
Leek ( <i>Allium porrum</i> L.)	100
Spring onion ( <i>Allium fistulosum</i> L.)	100
<b>TOTAL</b>	

Comments:

All seed accessions are safety duplicated

Around half of the shallot accessions are safety duplicated (CZ).

Accessions from various clonal archives/museums etc are mostly not safety duplicated.



## Structure of the most important collection (i.e. garlic, etc.) by country of origin

Country of origin	Number of accessions	Country of origin	Number of accessions
Norway	All	E	
B		F	
C		G	
D		H	

Comments:  
 Norwegian seed accessions are kept at the Nordic Genetic Resource Center (NordGen), while vegetative accessions are kept nationally in clonal archives or field genebanks.

## Biology status of the most important collection(s) [i.e. garlic, etc.] and ability to flower (garlic)

Biological status	Number of accessions
Wild	10
Advanced or improved cultivar	3
Breeding/research material	
Traditional cultivar/landrace	7

Ability to flower	Number of accessions
Bolting garlic	
Non bolting	
Semibolting	

Comments:

# Status of documentation

- Descriptors used:
  - Morphological (IPGRI)
- Documentation system (software):
- % characterized:
  - 30% of seed accessions
- C&E data to EURISCO:
  - yes, for those available
- Pictures available:
  - some

# Acquisitions

- Any plans to fill gaps:
  - None
- Acquisition strategy: direct collecting/ from companies / genebanks, etc.
  - No active acquisition. Accepting accessions from donors.



# Use of the collection

- Availability of material (% available and under what terms – SMTA, MTA):
  - SMTA (NordGen accessions)
- Cooperation with users (breeders, NGOs, farmers):
  - Vegetative material is shared through a seed saver/hobby grower organization “Kvann”, if there is enough material to distribute.
- Ongoing projects:
  - Currently none. We have tried to apply for funding to enable virus cleaning of the shallot collection.





# Main problems

- Virus status of the shallot collection
- Funding for preservation activities



# Proposals for collaborative activities within the Working Group

- In general: Activities that could stimulate commercial use of the Allium accessions, and visibility in the food market.

