

**Safeguarding of potato onion
(*Allium cepa* L. Aggregatum group)
and garlic (*Allium sativum* L.)
crop diversity in North Europe –
Baltic region - SafeAlliDiv**



LABĀKAIS
— NO —
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Līga Lepse
Institute of Horticulture,
Latvia University of Agriculture

Potato onion

- Most potato onions are not cultivated commercially anymore in Latvia, but are stored in genebank collections.
- Interest is rising niche product in organic and/or sustainable farming systems...



Accessions for DNA analyse

- 38 samples of local landraces (out of 41 maintained in collection)
- Representing all regions of Latvia



Descriptors for morphological evaluation (for 20 accessions from analysed)

Leaf color; Leaf number; Leaf length; Leaf width; Foliage attitude; Foliage cracking; Waxiness; Pseudostem diameter; Pseudostem length; Shape of mature dry bulbs; Shape of bulb top; Shape of bulb base; Outer skin ground colour of bulb; Bulb flesh colour; Coloration of epidermis of fleshy scales; Average number of bulbs per cluster; Bulb hearting; Thickness of dry external scales; Ability to flower; Number of days to maturity; Sprouting during storage; Bulb diameter

Thank you very much for
your attention!

