

# UK Vegetable Genebank Update

VeGIN Stakeholder Meeting 1/12/2021







## About the UK Vegetable Genebank

Conserving and using vegetable crop genetic diversity

14,000 seed samples

47 vegetable and herb crops

520 million seeds



Seed originates from 108 countries

Total number of Accessions	14022
Brassica (cabbage and	5273
related crops)	
Allium (onions, leeks)	1754
Daucus (carrot)	1481
Lactuca (lettuce)	1483
Raphanus (radish)	803

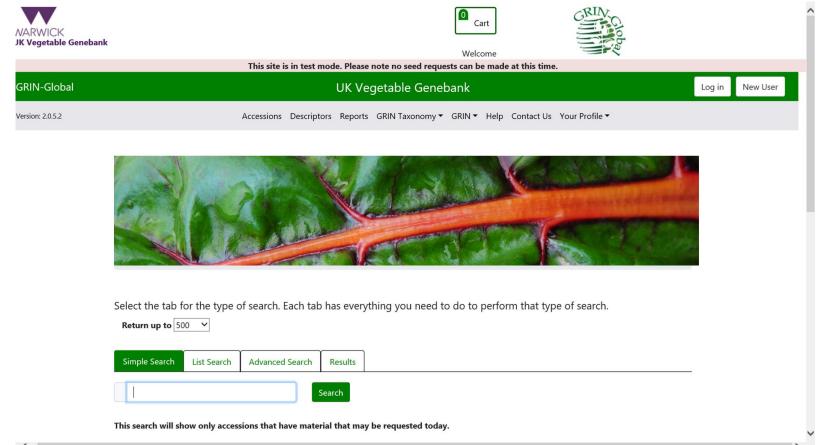








# Improving access to UKVGB Collections via GRIN-Global













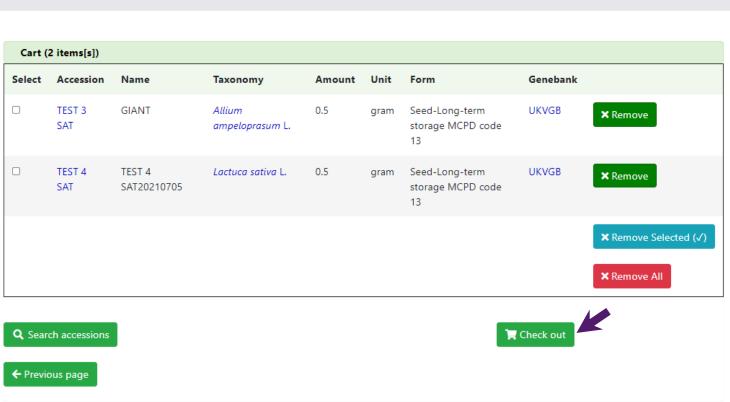


This site is in test mode. Please note no seed requests can be made at this time.

#### UK Vegetable Genebank

Accessions Descriptors Reports GRIN Taxonomy ▼ GRIN ▼ Help Contact Us Tools ▼ Your Profile ▼

- Online searching and ordering
- Collation of data
  - Images
  - Citations
  - Phenotypic data



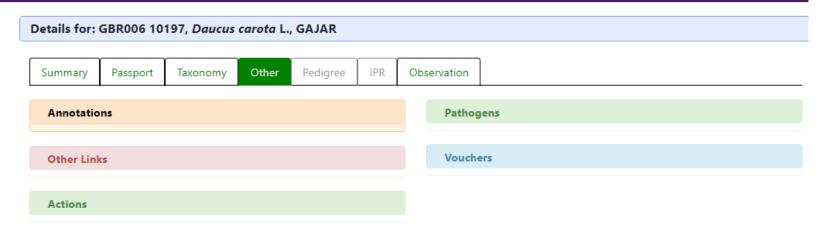






## Additional data

- Literature citations
  - 5285 citations relating to 1555 accessions
- Project groupings
  - Material collected for specific projects
  - Material used in specific projects



#### Citations

- 2012. Genetic diversity of carrot (Daucus carota L.) cultivars revealed by analysis of SSR loci. Baranski, 2012 URL: https://doi.org/10.1007/s10722-011-9777-3
- 2012. Towards better tasting and more nutritious carrots: Carotenoid and sugar content variation in carrot genetic resources. Baranski, 2012 URL: https://doi.org/10.1016/j.foodres.2011.05.006
- 2014. Diversity, genetic mapping, and signatures of domestication in the carrot (*Daucus carota* L.) genome, as revealed by Diversity Arrays Technology (DArT) markers. Grzebelus, 2014 URL: https://doi.org/10.1007/s11032-013-9979-9
- 2016. Quantifying biochemical quality parameters in carrots (*Daucus carota* L.) FT-Raman spectroscopy as efficient tool for rapid metabolite profiling. Krähmer, 2016 URL: https://doi.org/10.1016/j.foodchem.2016.05.176
- 2017. The Terpene Synthase Gene Family of Carrot (Daucus carota L.): Identification of QTLs and Candidate Genes Associated with Terpenoid Volatile Compounds. Keilwagen, 2017 URL: https://doi.org/10.3389/fpls.2017.01930

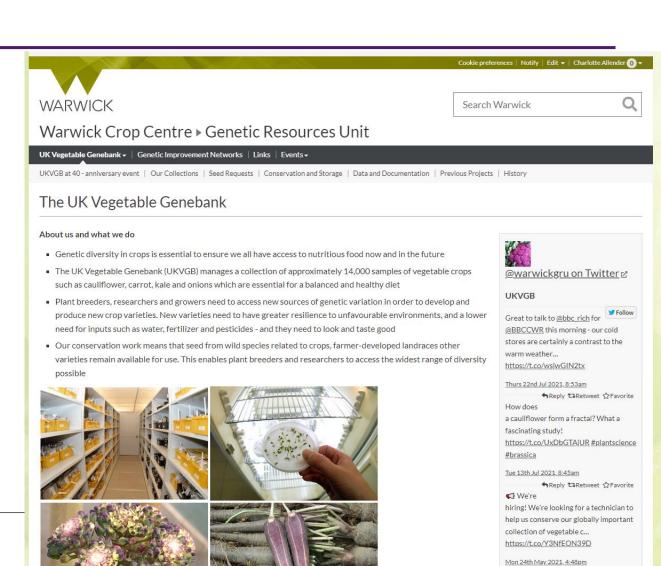






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