Bachelor-, Master-Thesis

Construction of Growing Curves – Field Trial with up to 11 Carrot Cultivars

Background

Harvesting time has an effect on yield and quality of carrot. A late harvest leads to higher yields, but could also cause reduced quality.

Experiment

- Field Trial from **June to October 2021** in Kleinhohenheim
- Up to 11 Cultivars (the extent of work will be adapted to targeted graduation)
- On-field sampling and cultivation measures (approx. 1-2 days biweekly)
- Subsequent determination of agronomic parameters (e.g. sprout to root ratio, yield, length and weight of carrots and leaves)
- Determination of quality parameters (Sugar content)
- Construction of Growing Curves by means of the statistical software SAS

Aim of Study

By construction of Growing Curves, optimal harvesting time (yield, quality) as well as the development of carrot plants will be depicted.

This work can be written in German or English.
If you are interested, feel free to contact me.
Latest start of the work: 01.07.2021

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