



Bachelor or Master thesis BIOVIT 2023/24

**Topic/Title (Norwegian)**

Prognoser for høstetid av morell

**Topic/Title (English)**

Prediction of harvest time in sweet cherries

**Picture**

**Summary** (Describe the topic/thesis, type of thesis work: field work, laboratory work, literature study)

For growers, fruit warehouses and wholesalers, it is important to know how much fruit is to be harvested, and when it is ready for harvesting. For the grower, it's about having enough people available at the right time. The fruit warehouses must plan packing and report the tonnage on to the wholesaler. The wholesaler, on the other hand, needs good prediction to know what to sell, to adjust imports of foreign fruit and to plan sales campaigns.

NLR is often asked to help in the forecasting work but has no aids or system for this. This makes the job difficult and the result uncertain.

In collaboration with the value-chain, we want to work for a more accurate prediction for the start date for sweet cherries. The aim is to contribute to a model that later works independently of NLR, based on regular observations during the season. Together with advisors the graduation will

- Select current observations and any models taken from other countries.
- Recruit growers in several areas who are willing to make registrations.
- Regular observations from flowering to harvest.
- Creation system for climate observations, such as daily degrees.
- Review the results after the season and make any adjustments before next year

**Subject area** (keywords)

Harvest time, sweet cherries, taste and quality

**Language thesis** (Norwegian and/or English)

Norwegian

**Bachelor or Master thesis**

**Credits** 30 and/or 60

**Project period**

**Project/company** Norsk Landbruksrådgiving

**Please contact**

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