

## Master thesis project on Early blight infection in potatoes

Title: Fungicide resistance in *Alternaria solani* populations causing early blight infection in potato

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Starting date: Flexible, spring semester 2020

Potato early blight caused by *Alternaria solani* is affecting the yield especially in late maturing potatoes in Sweden. To limit early blight one of the most efficient methods is to treat the plants with fungicides. Unfortunately the fungicide resistance is developing faster than the rate of which new fungicides or bio control agents are released on the market. For this reason as well as sustainability goals our project is aiming to find different integrated pest management methods to target *Alternaria solani*.

This master project will aim to map out the fungicide resistance against difenokonazol in wild *Alternaria solani* populations. The project contains phenotypic lab studies and field trips.

If you are interested in this project please contact Linnea Almqvist on [Linnea.Almqvist@slu.se](mailto:Linnea.Almqvist@slu.se)