

Institut für Kulturpflanzenwissenschaften, Pflanzenbau (340 A), Hohenheim, 29.6.2023

Fruwirthstr. 23, 70599 Stuttgart

Supervisor: Prof. Dr. Simone Graeff-Hönninger

Announcement of a Bachelor/Master Thesis (Thesis might be written in English or German)

Evaluation of various industrial hemp (*Cannabis Sativa L.*) varieties with regard to growth, fiber yield and fiber quality. Different theses are possible, with regard to corresponding field trials.

Field trials are located at Ihinger Hof, approx. 30 auto minutes from campus.

This thesis is advertised within the framework of the research project „Development of bio-based, functional fiber composites and natural fiber/biopolymer granulates from sustainably, regionally grown winter hemp (Bio-FIBER)“

The aim of the project is to increase the area under winter hemp cultivation and the availability of raw materials for the relevant industries and to open up market potential by creating new application possibilities for hemp fibers. The cultivation system for winter hemp in Baden-Württemberg is being tested and developed with the involvement of accompanying scientific research. For this purpose, field trials are carried out at the University of Hohenheim and specific research questions such as variety selection, sowing date, row spacing, harvest date, C storage and their influence on the resulting fiber quality are investigated.

If you are interested, feel free to contact me!

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