

MASTER THESIS

"Impact of kernel infestation with *Fusarium* spp. on quality parameters in oats"

Fusarium infestations of cereals do not only result in mycotoxin contamination of grains, but also affect the quality of processed products. So far, this has been studied mainly in wheat.

However, oats can also be infected by *Fusarium* and contaminated with harmful mycotoxins, which is of uttermost importance because oats are used to produce, besides other things, flakes and flour and are part of many breakfast cereals.

The occurrence of *Fusarium* and its mycotoxins in German oats is the subject of a research project in the Division of Plant Pathology and Crop Protection. Therefore, oat grain samples for the intended master thesis project will be obtained from this research project. The degree of *Fusarium* infestation and mycotoxin contamination is already well characterized in grain samples.

Within a joint experimental master thesis, the impact of *Fusarium* infestation on quality parameters in oats will be investigated in the Division of Quality of Plant Products. This project will be conducted in cooperation with the oat processing industry.



Starting point: flexible, any time from now

If interested, please contact us:

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