

WP3.1 Field Day report from NMBU, Ås, Norway

Date: 16.08.2024

Place: NMBU, Ås, Norway

Participants: 109



Norwegian
University of
Life Sciences

The OatFrontiers project was presented in two separate sessions during the “Smart Farming” field day at NMBU. This is an annual event targeting scientists, farmers, advisors and agri-tech firms, showcasing new innovations in farming practices, plant breeding and plant phenotyping. In the morning session, OatFrontiers was highlighted as an example of how collaborative plant breeding can provide solutions to future oat farming by introducing new genetic variation and developing early-maturing varieties suitable for cultivation in the Northern Periphery, and as a pre-crop to autumn-sown crops in southern Norway.

During the field trial tour in the afternoon, the visitors could see the increased genetic diversity contributed by the intercrossing of Nordic and North American oats with *Avena sterilis* in the recurrent selection population. The OatFrontiers yield trial with 30 selected oat varieties was also showcased. A photo display was made, illustrating the differences in earliness among the varieties.



The audience was active and asked many interesting questions. The presentations were also given good feedback during the evaluation of the event.

OatFrontiers field trial, Ås, 05.08.2024

