

Integrating metabolomics and high-throughput phenotyping to elucidate metabolic and phenotypic responses to early-season drought stress in Nordic spring wheat

Ronja Wonneberger, John Charles D'Auria, Kerstin Neumann, Pernille Bjarup Hansen, Jon Arne Dieseth, Linda Kærgaard Nielsen, Tarja Niemelä, Firuz Odilbekov, Fluturë Novakazi, Therése Bengtsson and the CResWheat Consortium

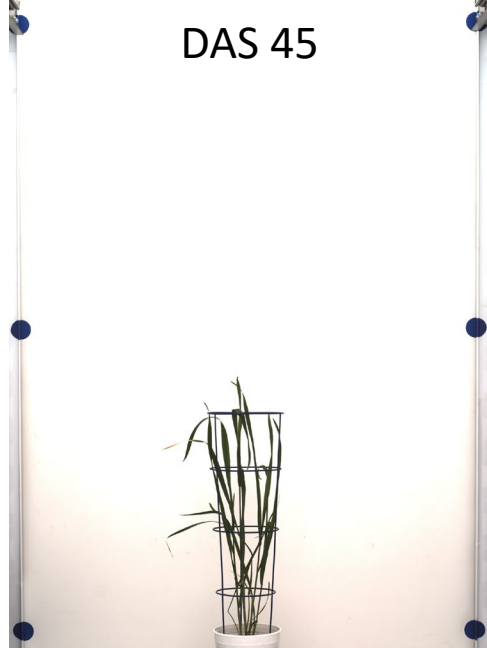
Additional File 5 Examples of images taken at the time point of strongest drought stress (45 days after sowing, DAS) and at the last day of imaging (48 DAS)

DAS 45

DAS 49

PPPW_003

Control

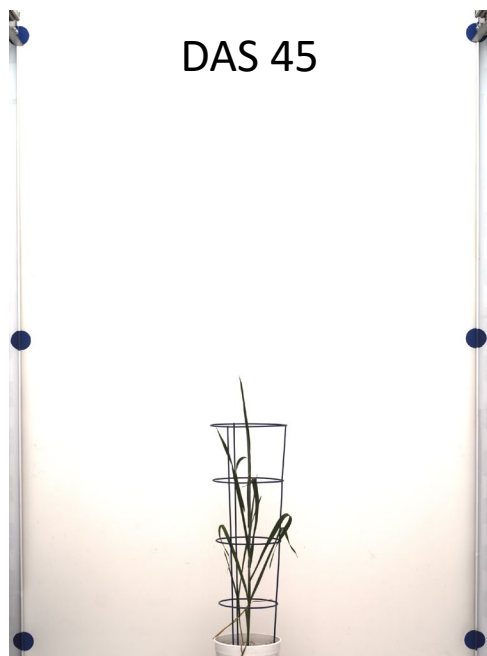


DAS 45

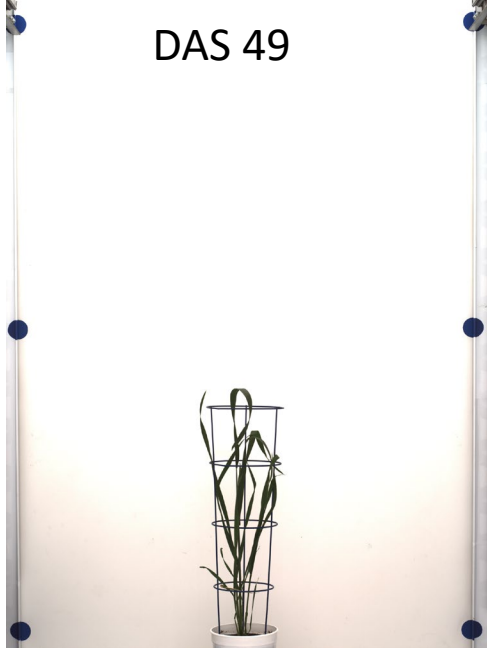
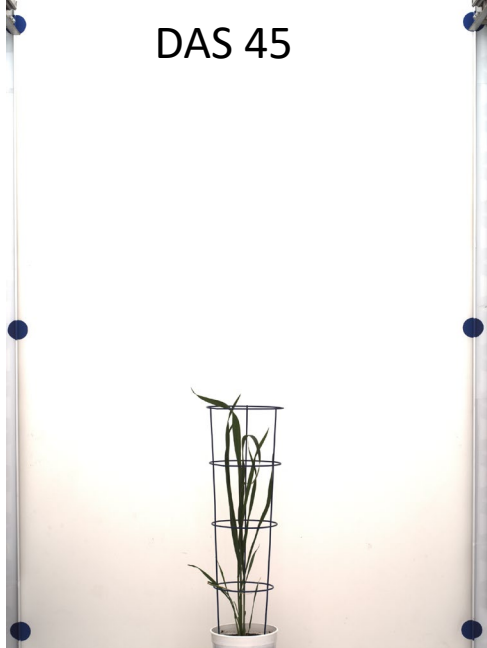
DAS 49

PPPW_003

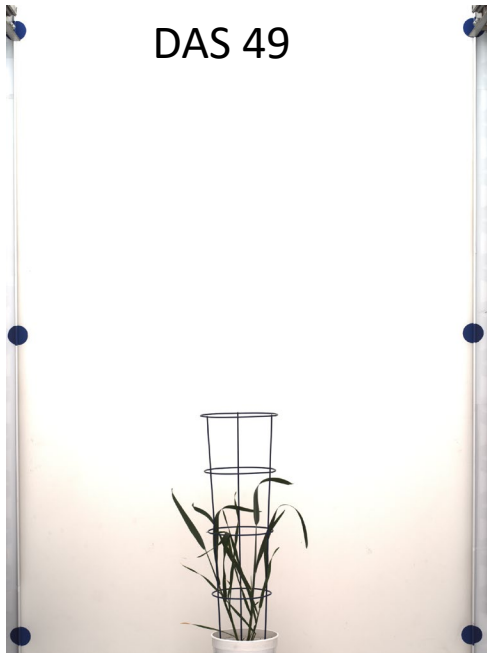
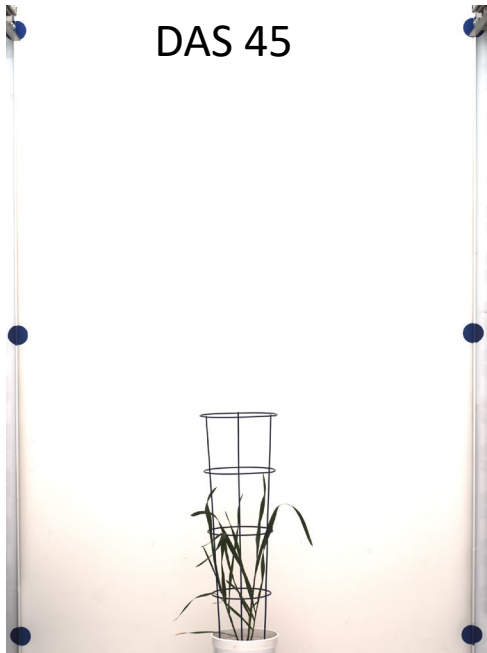
Drought



PPPW_004
Control



PPPW_004
Drought

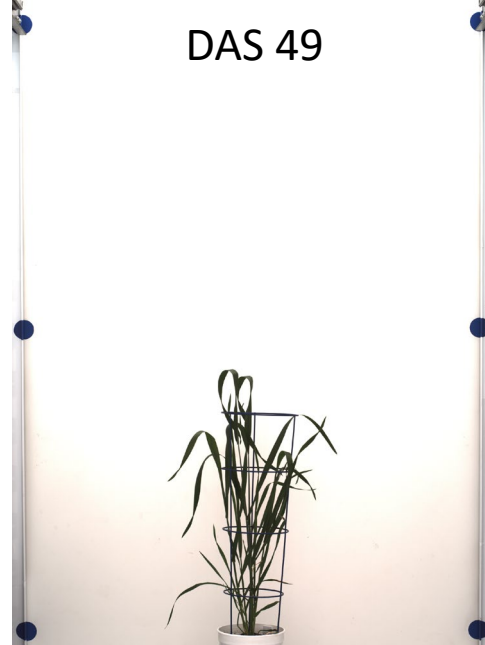
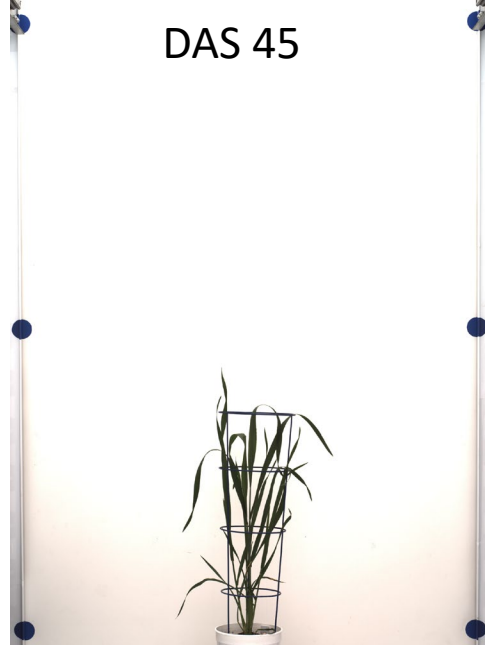


DAS 45

DAS 49

PPPW_007

Control



DAS 45

DAS 49

PPPW_007

Drought

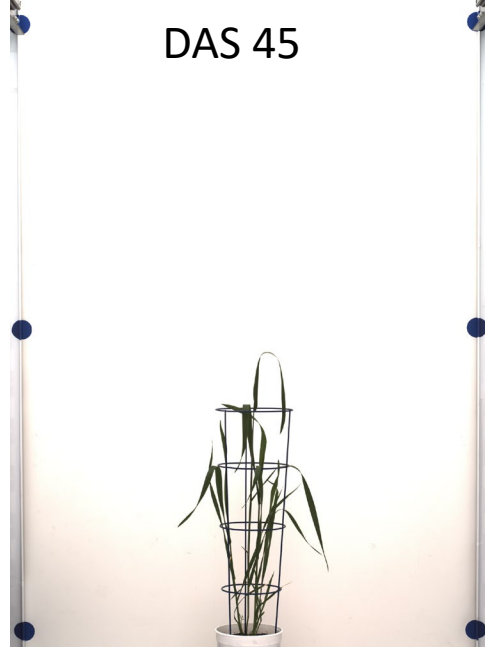


DAS 45

DAS 49

PPPW_011

Control



DAS 45

DAS 49

PPPW_011

Drought



DAS 45

DAS 49

PPPW_012

Control

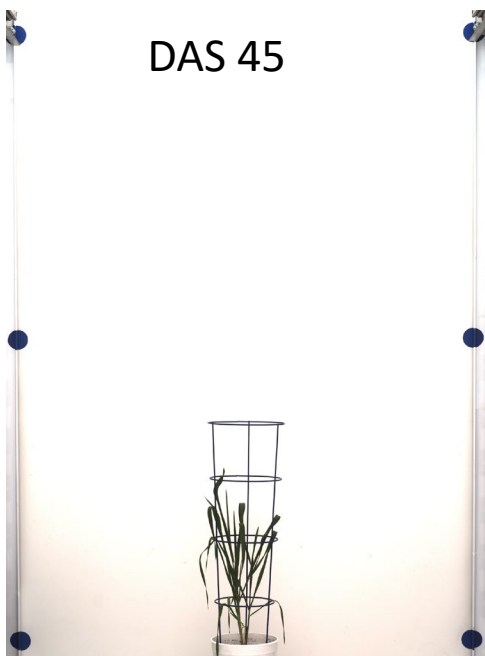


DAS 45

DAS 49

PPPW_012

Drought



DAS 45

DAS 49

PPPW_013

Control



DAS 45

DAS 49

PPPW_013

Drought



DAS 45



DAS 49

A photograph of a potted plant with long, thin green leaves, possibly a grass or reed, standing next to a white cylindrical object. The plant is in a white pot and is positioned in the lower center of the frame. The background is a plain, light-colored wall. The image is framed by a white border with blue circular markers at the corners.

DAS 45



DAS 49



Control

PPPW_017

Drought

DAS 45

DAS 49

PPPW_023

Control

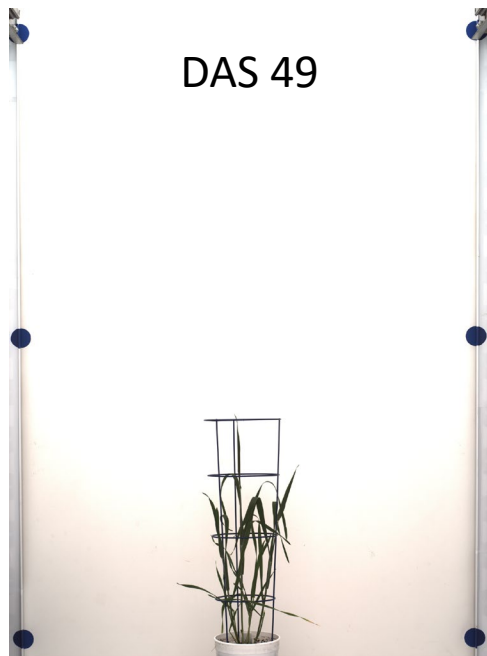


DAS 45

DAS 49

PPPW_023

Drought

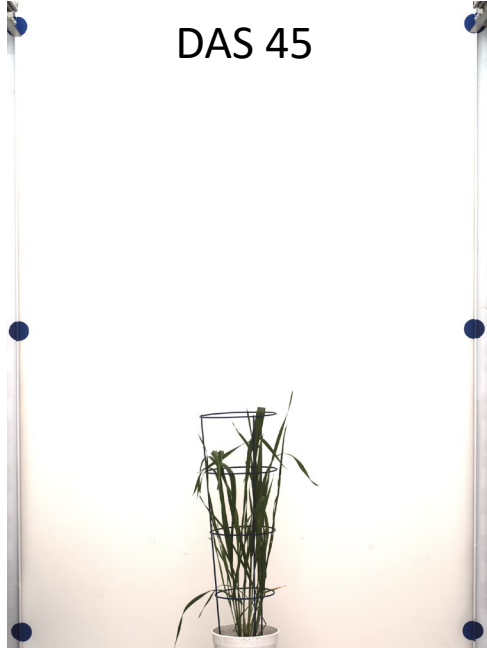


DAS 45

DAS 49

PPPW_025

Control

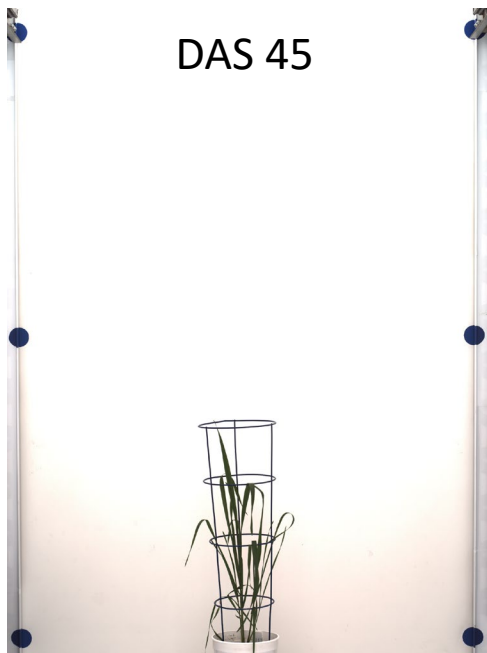


DAS 45

DAS 49

PPPW_025

Drought



DAS 45

DAS 49

PPPW_033

Control

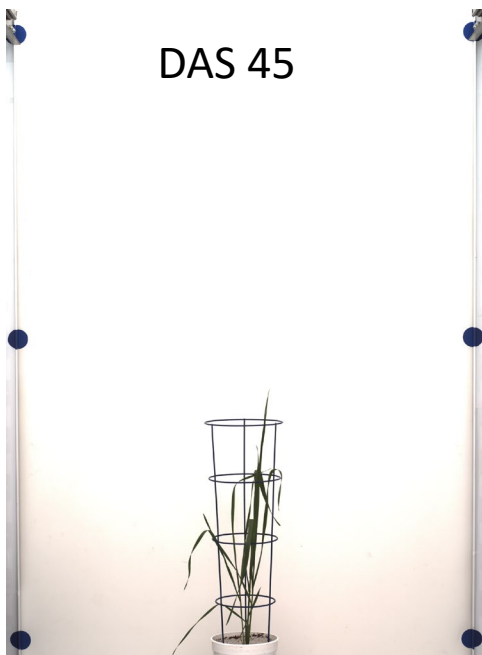


DAS 45

DAS 49

PPPW_033

Drought



DAS 45

DAS 49

PPPW_034

Control

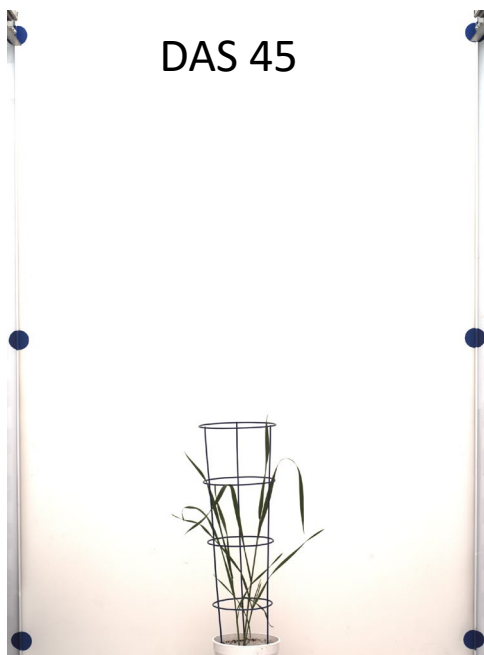


DAS 45

DAS 49

PPPW_034

Drought

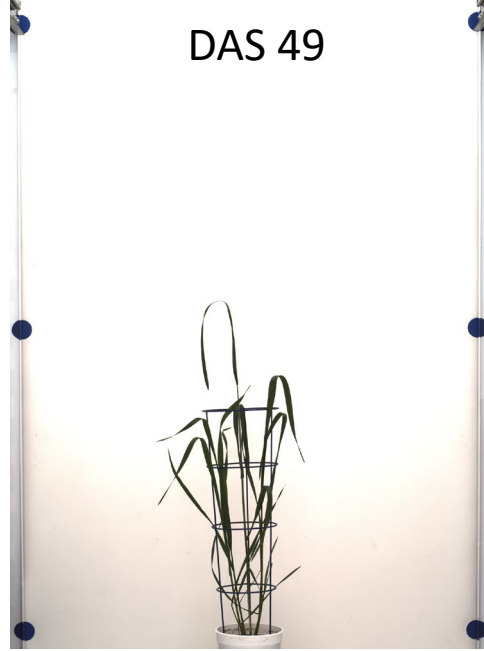
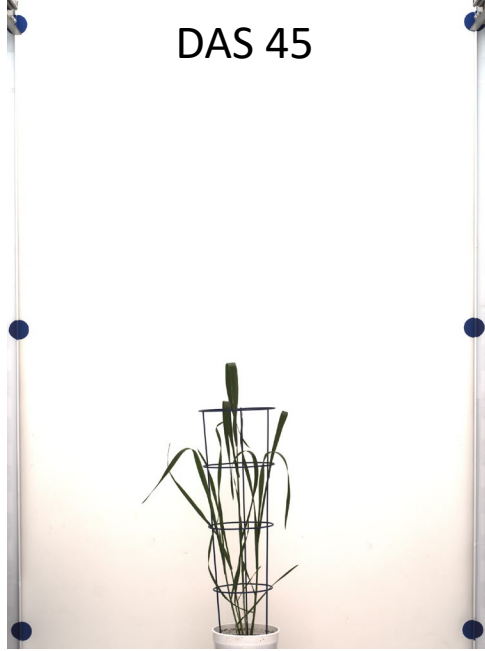


DAS 45

DAS 49

PPPW_046

Control



DAS 45

DAS 49

PPPW_046

Drought

