

Exhibition of Irrigation and Crop Nutrition approaches May 07 2015

Promoter	<i>Yara GmbH & Co.KG Research Centre Hanninghof Dülmen, Germany</i>
Objective	<i>Optimizing crop nutrition and water availability of crops</i>



Research Centre Hanninghof

The research centre is located in NW Germany (30 km south-west of Münster, see attached journey description) in an intensively managed agricultural area. Our research centre is equipped with glasshouses, growth chambers, and several experimental field sites.

At May 07, field trials will provide visitors with insights into new technologies for efficient irrigation/fertilizer supply strategies. Operation of the ZIM contact water sensor is illustrated. Rain-out shelters in combination with varying fertilizer application strategies and fertigation trials both in combination with soil water sensors and remote sensing devices can be seen during a field tour. Relationships between crop growth and water use are illustrated by pot experiments during a greenhouse tour. A summary and overview about strategies to optimize fertilizer use and water-use efficiency is presented and water and nutrient management is related to environmental indicators (carbon and water footprints of cropping systems).

Agenda

- 09:00 – 10:30 Water Research in Yara – Overview of ongoing activities
- 10:30 – 12:00 Visit to glasshouse trials
- 12:00 – 13:00 Lunch
- 13:00 – 15:00 Visit to field trials
- 15:00 – 16:00 Update on WIRE activities

Registration (up to 20 visitors)

Deadline for application: 29th April 2015

Via email: anke.kwast@yara.com

Acceptance of applicants will be confirmed upon receipt