Max-CROP

Max-imising the potential of CROP researchers

Start date 1st January 2014

European Framework 7 European Industrial Doctorate PhD training programme

This four year programme is a partnership between NIAB Trading Ltd and the University of Wageningen, The Netherlands

Max-CROP supports the attainment of a PhD for five early career stage researchers in areas of science that impact on crop production.

Max-CROP aims to maximise the potential of the next-generation of crop researchers, producing individuals that understand the problems facing the agricultural industry, including crop breeding, agronomy and production, but able to apply advanced scientific understanding and modern technologies to solve these problems.

Max-CROP will make careers in agriculture an attractive choice for a new generation of researchers, opening up new opportunities and improving career prospects.

The five PhD projects and students are:

Project (1): Would non-host resistance in barley prove a source of durable, race-nonspecific resistance for wheat?
Student: Mathilde Daniau

Project (2): Development of wheat varieties with reduced gluten toxicity, increasing safety for celiac disease patients
Student: Aurelie Jouanin

Project (3): Application of a Multiparent Advanced Generation Intercross (MAGIC) in wheat genetics and breeding
Student: Tryntsje Boersma

Project (4): Population and pathogenicity dynamics of the *Brassica* pathogen *Verticillium longisporum*
Student: Jasper Depotter

Project (5): Emerging plant diseases: reducing the impact of Alternaria species on potato production
Student: Ioannis Baltzakis

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