



Horticultural  
Development  
Company

# New Project

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## PC 292

Protected chrysanthemum:  
Development of a fungicide  
strategy for the control of White  
Rust

**Project Number:** PC 292

**Title:** Protected chrysanthemum: Development of a fungicide strategy for the control of White Rust

**Start and end dates:** 1 July 2008 to 30 June 2009

**Project Leader:** Ms. Cathryn Lambourne, STC Research Foundation

**Project Co-ordinator:** Colin Frampton, Donaldson's Flowers Ltd

**Location:** STC Research Foundation, Selby, Yorks

## **Background and project objectives**

Following the completion of the previous HDC funded project (PC 231) it was agreed with industry representatives that a further 1 year study was required to develop a robust strategy for the control of White Rust (CWR) in protected Chrysanthemums.

Work carried out under the HDC funded project PC 231 investigated the reported claims of loss of sensitivity in CWR isolates to propiconazole (an industry standard), and the response of a number of isolates to a range of fungicides in small-scale plant studies. Promising candidates identified during preliminary laboratory studies were taken forward to look at their relative crop safety and efficacy in larger fully replicated glasshouse studies and were compared to both a standard commercial programme and an untreated water control.

Following the success of the glasshouse studies industry representatives suggested that it would be useful to utilise the efficacy data to build a new robust commercial spray strategy to control white rust in protected Chrysanthemum. This one year project will focus on products that have an operator safety data package for use under protection and which have similar activity to those used in 2007. The primary aim is to develop an effective and robust spray programme for the Chrysanthemum industry.

Further information

Email the HDC office ([hdc@hdc.org.uk](mailto:hdc@hdc.org.uk)), quoting your HDC number, alternatively contact the HDC at the address below.

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