



Horticultural  
Development  
Company

# New Project

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## BOF 71

Narcissus: The use of FAM 30 disinfectant as a cold dip treatment for *Fusarium* basal rot

**Project Number:** BOF 71

**Title:** Narcissus: The use of FAM 30 disinfectant as a cold dip treatment for *Fusarium* basal rot

**Start and end dates:** 24 May 2010 - 23 August 2010

**Project Leader:** Erika Wedgwood

**Project Co-ordinator:** Julian Perowne

**Location:** ADAS Boxworth, Cambridge, CB23 4NN

**Background and project objectives:**

1. Basal rot of narcissus remains a major disease problem.
2. Previous work (BOF 61a) showed that the disinfectant FAM 30 was effective against *Fusarium oxysporum* f.sp. *narcissi* and can be used to replace formaldehyde in hot water treatment tanks.
3. The efficacy of FAM 30 against *Fusarium* at ambient temperature, as used in a spray or bulb dip immediately post-harvest, is unknown.
4. This project aims to determine the efficacy of FAM 30 disinfectant at the label rate *in vitro* at ambient temperature for 15 minutes against spores and mycelium of *Fusarium oxysporum* f. sp. *narcissi*.

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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