



Horticultural
Development
Company

New Project

FV 358

Onion: Pot experiment to examine the suppression of Fusarium basal rot using compost colonised with *Trichoderma viride*

Project Number: FV 358

Title: Onion: Pot experiment to examine the suppression of Fusarium basal rot using compost colonised with *Trichoderma viride*

Start and end dates: 1 April 2009 to 30 September 2009

Project Leader: Professor Ralph Noble, Warwick HRI

Project Co-ordinator: To be agreed

Location: Trial work will be conducted at Warwick HRI, Wellesbourne.

Background and project objectives

- Set up a pot bioassay system for testing control of Fusarium basal rot of onion, caused by the pathogen *Fusarium oxysporum* f.sp. *cepae*.
- Determine the suppressive effects of compost colonised with *Trichoderma viride* on Fusarium basal rot of onion.
- Monitor the populations of *Trichoderma* and Fusarium propagules in the compost amended soil and non-amended soil.
- Disseminate results to the onion industry and make recommendations for future pot and field-scale experiments.

Further information

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

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