



Agriculture & Horticulture  
DEVELOPMENT BOARD



# New Project

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## SF 121

Evaluation of products for control of  
crown rot in strawberry

**Project Number:** SF 121

**Title:** Evaluation of products for control of crown rot in strawberry

**Start and end dates:** 1st April 2011 to 31st March 2012

**Project Leader:** Dr Angela M Berrie, East Malling Research

**Industry Representative:** Harriet Duncalfe (Soft Fruit Panel Chairman), Maltmas Farm

**Location:** Main site: Rocks Farm, East Malling Research

**HDC Cost:** £17, 652

*SUBJECT TO CONTRACT*

**Project Summary:**

Crown rot, caused by the fungus *Phytophthora cactorum*, is an important disease of strawberry both in propagation and in fruit production. Failure to control the disease in fruit production with a susceptible cultivar can result in severe losses or even complete crop loss. Once the disease is established on a farm eradication is difficult. Currently only Aliette (fosetyl-Al) and Paraat (dimethomorph) can be used in fruit production and the industry is very dependent on the availability of these fungicides. This project will evaluate products Ranman, Fenomenal, Paraat, Prestop, Farmfos and SL567A applied as single treatments or in combination with Farmfos for control of crown rot. The effect of spray volume on efficacy will also be evaluated. The information generated will form the basis of an Integrated approach to crown rot control which could be evaluated in a future project.

**Aims & Objectives:**

(i) Project aim(s):

The overall aim is to develop an integrated sustainable approach for control of strawberry crown rot based on cultural, fungicides, alternative chemicals and biocontrol agents

(ii) Project objective(s):

- To evaluate fungicides, chemicals and biocontrol agent as single application for control of crown rot
- To evaluate products in combination with potassium phosphite for control of crown rot
- To evaluate effect of spray volume on product efficacy for crown rot control

## **Further information**

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

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