



Horticultural  
Development  
Company

# New Project

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## PE 003

CO<sub>2</sub> enrichment in the future: a technical and economic analysis of alternative CO<sub>2</sub> sources

**Project Number:** PE 003

**Title:** CO<sub>2</sub> enrichment in the future: a technical and economic analysis of alternative CO<sub>2</sub> sources

**Start and end dates:** 01/09/10 – 31/05/11

**Project Leader:** Dr Tim Pratt

**Project Co-ordinator:** Hugh Verey

**Location:** Being a desk study no trial facilities are required. Each member of the project team will carry out the majority of the work from their normal place of work.

**Background and project objectives:**

Tobacco whitefly caused serious problems on poinsettias in the 2009 season, and information on effective control measures is urgently needed by growers. This project aims to evaluate a range of insect control products for the control of tobacco whitefly, using a strain which proved difficult to control in 2009, and which was derived from a UK nursery. Products will be applied sequentially in different combinations, since a single application of any insecticide is unlikely to provide complete control of this pest. The efficacy work will be carried out in the licensed quarantine premises at FERA York, using established techniques by experienced researchers. To complement the efficacy work, the same products will be applied to a range of poinsettia varieties on a nursery under commercial conditions, and evaluated for crop safety effects.

These two aspects of the project complement each other, and will provide information about control programmes to be used early in the poinsettia crop which are both effective and safe.

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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