

ROTHAMSTED RESEARCH STAFF PUBLICATIONS 2005

THESES

Aciego Pietri, J. C. (2005). *Effects of soil pH on microbial biomass, microbial activity and microbial community structure*. 306pp. PhD Thesis, Coventry University.

Anstead, J. A. (2005). *Population genetics of insecticide resistance in the aphid *Myzus persicae**. 112pp. PhD Thesis, University of London.

Barari, H. (2005). *Ecology of the coleopteran stem-mining pests and their parasitoids in winter oilseed rape: implications for integrated pest management*. 208pp. PhD Thesis, University of London.

Bernard, S. M. (2005). *Manipulating the expression of glutamine synthetase in wheat (*Triticum aestivum*)*. 241pp. PhD Thesis, Lancaster University.

Cant, E. T. (2005). *Do roads and hedges influence patterns of pollinator foraging movement and consequent plant gene flow in a UK agricultural landscape?* 141pp. PhD Thesis, University of Northampton.

Clark, N. R. (2005). *Identification of elements affecting the feedback regulation of gibberellin 20-oxidase 1 in *Arabidopsis thaliana**. 199pp. PhD Thesis, University of Bristol.

Eckert, M. R. (2005). *Investigating populations of *Leptosphaeria maculans* and *L. biglobosa* on winter oilseed rape in England*. 339pp. PhD Thesis, University of Nottingham.

Evans, D. (2005). *Production and characterisation of transgenic wheat with altered GA metabolism*. 254pp. PhD Thesis, University of Bristol.

Forbes, G. H. (2005). *Molecular and cellular characterisation of N-use efficiency genes*. 186pp. PhD Thesis, Lancaster University.

Fontaine, J. M. (2005). *Epidemiological studies of *Rhynchosporium secalis* (Leaf blotch of barley)*. 213pp. PhD Thesis, University of Reading.

Freeman, B. D. C. (2005). *Pathogen-derived resistance to Beet Mild Yellowing Virus in the model host *Arabidopsis thaliana**. 306pp. PhD Thesis, University of Cambridge.

Gilliam, L. (2005). *Impact of anti-microbial GM plants on soil microbial populations*. 202pp. PhD Thesis, University of Reading.

Guzman-Franco, A. W. (2005). *Interactions between *Zoophthora radicans* and *Pandora blunkii* isolates in *Plutella xylostella* populations*. 286pp. PhD Thesis, University of Nottingham.

Jing, H.-C. (2005). *Regulation of leaf senescence in *Arabidopsis*: isolation and characterisation of onset of leaf death mutants*. 108pp. PhD Thesis, Rijksuniversiteit Groningen.

Maguire, K. L. (2005). *The functional analysis of infection structure formation by *Oculomacula* species, the eyespot pathogen of cereals*. 256pp. PhD Thesis, University of Nottingham.

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Papastamati, K. (2005). *Mathematical modelling of stem canker (*Leptosphaeria maculans*) on winter oilseed rape (*Brassica napus*)*. 196pp. PhD Thesis, University of London.

Sanders, C. J. (2005). *Interactions between *Spodoptera frugiperda* and two of its natural enemies on conventional and Bt maize hybrids*. 172pp. PhD Thesis, University of Southampton.

van den Berg, F. (2005). *The evolution of plant defence against pests: pathogen development and pathogen-induced leaf necrosis*. 210pp. PhD Thesis, University of Reading.

Warokka, J. S. (2005). *Studies on the etiology and epidemiology of Kalimantan wilt disease of coconut in Indonesia*. 179pp. PhD Thesis, University of Nottingham.

PAPERS IN REFEREED JOURNALS

Abaye, D. A., Lawlor, K., Hirsch, P. R. & Brookes, P. C. (2005). Changes in the microbial community of an arable soil caused by long-term metal contamination. *European Journal of Soil Science* **56**, 93-102.

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