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## Staff Publications

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# Staff Publications

## THESES

**Addiscott, T. M.** (1998). *The art of the applicable. A selection of papers submitted for the degree of Doctor of Science*. DSc Thesis, University of Oxford.

**Baker, A. A.** (1998). *High resolution atomic force microscopy of polysaccharides*. PhD Thesis, University of Bristol.

**Boxall, J. G.** (1998). *Glutamine synthetase of Lotus corniculatus roots and nodules: characterisation and tissue-specific inhibition*. 201pp. PhD Thesis, University of Nottingham.

**Coles, J. P.** (1998). *Genetic manipulation of gibberellin biosynthesis in Arabidopsis thaliana*. 204pp. PhD Thesis, University of Bristol.

**Curnow, P. K.** (1998). *Influence of root exudates on rhizosphere pseudomonads*. 188pp. PhD Thesis, University of London.

**Glinwood, R. T.** (1998). *Responses of aphid parasitoids to aphid sex pheromones: laboratory and field studies*. 209pp. PhD Thesis, University of Nottingham.

**Heckrath, G. J.** (1998). *Phosphorus accumulation and leaching in clay loam soils of the Broadbalk Experiment*. 201pp. PhD Thesis, Christian-Albrechts-Universität, Kiel.

**Hopkinson, J.** (1998). *Uptake and utilization of nitrogen applied to the foliage of winter wheat*. 208pp. PhD Thesis, University of Nottingham.

**Lacey, J.** (1998). *Storage microbiology, actinomycete and fungal taxonomy, and aerobiology of work environments and respiratory disease. A selection of papers submitted for the degree of Doctor of Science*. DSc Thesis, University of Reading.

**Mohotti, A. J.** (1998). *Effect of irradiance and N nutrition on photosynthesis of tea (Camellia sinensis (L.) O. Kuntze) in comparison with sunflower (Helianthus annuus L.)*. 195pp. PhD Thesis, University of Reading.

**Pandya, M. J.** (1998). *Structural and dynamic properties of a methionine-rich protein from sunflower seed*. 167pp. PhD Thesis, University of Bristol.

**Perfect, S. E.** (1998). *Differentiation of intracellular hyphae in the Colletotrichum lindemuthianum - bean interaction*. 194pp. PhD Thesis, University of Birmingham.

**Russell, L.** (1998). *Isolation and analysis of mutants in Arabidopsis thaliana disrupted in the transition between dormancy and germination*. 171pp. PhD Thesis, University of Bristol.

**Stoker, K. G.** (1998). *The cultivation of woad (Isatis tinctoria) for production of natural indigo: agronomy, extraction and biochemical aspects*. PhD Thesis, University of Bristol.

**Sutherland, J. P.** (1998). *Resource assessment and utilisation by aphidophagous syrphids and its implications for integrated pest management*. 208pp. PhD Thesis, Manchester Metropolitan University.

**Thompson, A. J.** (1998). *Actions of pyrethroid on sodium channels*. 250pp. PhD Thesis, University of Nottingham.

**Whiting, S. N.** (1998). *Metal mobilisation and uptake by the zinc hyperaccumulator Thlaspi caerulescens J. & C. Presl*. 208pp. PhD Thesis, University of Sheffield.

**Williams, I. S.** (1998). *Aphid plant interactions and the epidemiology of sugar beet yellowing viruses*. 144pp. PhD Thesis, University of East Anglia.

**Winstone, L.** (1998). *Spatial dynamics of fragmented farmland plant communities and the effects on carabid beetle*. MSc Thesis, University of Bristol.

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**Addiscott, T. M.** (1998). Modelling concepts and their relation to the scale of the problem. *Nutrient Cycling in Agroecosystems* **50**, 239-245.

**Addiscott, T. M. & Mirza, N. A.** (1998). Modelling contaminant transport at catchment or regional scale. *Agriculture, Ecosystems and Environment* **67**, 211-221.

**Addiscott, T. M. & Mirza, N. A.** (1998). New paradigms for modelling mass transfers in soils. *Soil and Tillage Research* **47**, 105-109.

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