

Publications for the year 2006

Publications are classified in the following manner:

- J Papers describing original research in refereed journals.
- R Critical reviews in journals, book chapters and reviews in books – providing each has been edited externally.
- P Published proceedings of contributions to conferences or learned societies (including published abstracts).
- T Technical reports, other publications.
- O Popular articles, other publications.

Aalders, L.T., Bell, N.L., Barratt, B.I.P. & Neilson, R. 2006. Using expatriate New Zealand flora as predictors of nematode threats to New Zealand natural ecosystems. *European Society of Nematologists Biennial Meeting*, Blagoevgrad, Bulgaria, 5–9 June 2006. P

Adam, M.A.M., Phillips, M.S., & Blok, V.C. 2006. Comparisons of pathogenicity factors from *mi* virulent and avirulent *Meloidogyne javanica*. *European Society of Nematologists Biennial Meeting*, Blagoevgrad, Bulgaria, 5–9 June 2006. P

Abang, M., Baum, M., Ceccarelli, S., Grando, S., Linde, C.C., Yahyaoui, A.H., Zhan, J. & McDonald, B.A. 2006. Pathogen evolution in response to host resistance genes: Evidence from field experiments with *Rhynchosporium secalis* on barley. *Phytopathology*, **96**, S2. P

Andersen, H.S., Gambling, L., Holtrop, G. & McArdle, H. J. 2006. Maternal iron deficiency identifies critical windows for growth and cardiovascular development in the rat postimplantation embryo. *Journal of Nutrition* **136**, 1171–1177. J

Andow, D.A., Birch, A.N.E., Dusi, A.N., Fontes, E.M.G., Hilbeck, A., Lang, A., Lövei, G.L., Pires, C.S.S., Sujii, E., Underwood, E. & Wheatley, R.E. 2006. Non-target and biodiversity ecological risk assessment for GM crops. *International Society for Biosafety Research. Ninth International Symposium on Biosafety of Genetically Modified Organisms*, Jeju Island, Korea, 24–29 September 2006. P

Andow, D.A., Fontes, E.M.G., Hilbeck, A., Johnston, J., Capalbo, D.M.F., Nelson, K.C., Underwood, E., Fitt, G.P., Sujii, E.R., Arpaia, S., Birch, A.N.E., Pallini, A. & Wheatley, R.E. 2006. Supporting risk assessment of *Bt* cotton in Brazil: synthesis and recommendations. In: Hilbeck, A., Andow, D.A. & Fontes, E.M.G. (eds). *Environmental Risk Assessment of Genetically Modified Organisms Volume 2: Methodologies for assessing Bt cotton in Brazil*. CABI Publishing, Wallingford, UK, 346–361. R

Atkinson, C.J., Sunley, R.J., Jones, H.G., Brennan, R. & Darby, P. 2005. Defra desk study on winter chill in fruit. *Defra Report No. CTC0206*. T

Bailey, T.C., Carvalho, M.S., Lapa, T.M., Souza, W.V. & Brewer, M.J. 2005. Modeling of under-detection of cases in disease surveillance. *Annals of Epidemiology* **15**, 335–343. J

Barker, H. & Dale, M.F.B. 2006. Resistance to viruses in potato. A consideration of mechanism, genes and seeding techniques. In: Loebeinstein, G. & Carr, J.P. (eds). *Natural Resistance Mechanisms of Plants to Viruses*. Springer, Berlin, 341–366. R

Belenguer, A., Duncan, S.H., Calder, A.G., Holtrop, G., Louis, P., Lobley, G.E. & Flint, H.J. 2006. Alternative mechanisms of metabolic cross-feeding between human gut bacteria. *Reproduction Nutrition Development* **46** (Suppl. 1), S43. P

Belenguer, A., Duncan, S.H., Calder, A.G., Holtrop, G., Louis, P., Lobley, G.E. & Flint, H.J. 2006. Two routes of metabolic cross-feeding between *Bifidobacterium adolescentis* and butyrate-producing anaerobes from the human gut. *Applied and Environmental Microbiology* **72**, 3593–3599. J

Bengough, A.G. 2006. Principles of Soil and Plant Water Relations. By M. B. Kirkham. Amsterdam: Elsevier Academic Press (Book Review). *Experimental Agriculture* **42**, 123. O

Bengough, A.G., Bransby, M.F., Hans, J., McKenna, S.J., Roberts, T.J. & Valentine, T.A. 2006. Root responses to soil physical conditions; growth dynamics from field to cell. *Journal of Experimental Botany* **57**, 437–447. J

Bierman, S., Fairbairn, J.P., Petty, S.J., Elston, D.A., Tidhar, D. & Lambin, X. 2005. Changes over time in the spatiotemporal dynamics of cyclic populations of field voles (*Microtus agrestis* L.). *American Naturalist* **167**, 583–590. J

Birch, A.N.E., Griffiths, B.S., Caul, S., Thompson, J., Heckmann, L.H. & Krogh, P.H. 2006. A review of the utility of multispecies testing of GM plants in mesocosm experiments. *10th International Conference on Agricultural Biotechnology: Facts, Analysis and Policies*, Ravello, Italy, 29 June–2 July 2006. P

Birch, A.N.E., Wheatley, R.E., Anyango, B., Arpaia, S., Capalbo, D.M.F., Getu Degaga, E., Fontes, E.M.G., Kalama, P., Lelman, E., Lövei, G., Melo, I.S., Muyekhof, F., Ngi-Song, A., Ochieno, D., Ogwang, J., Pitelli, R., Schuler, T., Sétamou, M., Sithanatham, S., Smith, J., Van Son, N., Songa, J., Sujii, E., Tan, T.Q., Wan, F.-H. & Hilbeck, A. 2004. Biodiversity and non-target impacts: a case study of *Bt* maize in Kenya. In: Hilbeck, A. & Andow, D.A. (eds). *Environmental risk assessment of Genetically Modified Organisms Volume 1: A case study of Bt maize in Kenya*. CABI, Wallingford, UK, 117–185. R

Birch, P.R.J. 2006. Using pathogen genomics to investigate the induction and manipulation of inducible plant disease resistance. *Breeding for Inducible Resistance against Pests and Diseases. Proceedings of IOBC/WPRS Joint Working Group Meeting*, Heraklio, Crete, 27–29 April 2006, 20. P

Blok, V.C., Pylypenko, L.A. & Phillips, M.S. 2006. Aspects of population virulence in *Globodera pallida*. *European Society of Nematologists Biennial Meeting*, Blagoevgrad, Bulgaria, 5–9 June 2006. P



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- Bohanec, M., Žnidaršič, M., Griffiths, B.S., Cortet, J., Debeljak, M., Caul, S., Thompson, J., Krogh, P.H.** 2006. A qualitative multi-attribute model for the assessment of impact of GM crops to soil quality. *10th International Conference on Agricultural Biotechnology: Facts, Analysis and Policies*, Ravello, Italy, 29 June–2 July 2006. P
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- Bransby, M.F., Davies, M.C.R., Mickovski, S.B., Sonnenberg, R., Bengough, A.G. & Hallett, P.D.** 2006. Stabilisation of slopes by vegetation reinforcement. *International Conference on Physical Modelling in Geotechnics*, Hong Kong, 4–6 August 2006. P
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