

Publications

Publications for the year 2004 and 2005 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.

Adam, M., Phillips, M. & Blok, V. 2005. Characteristics of pathogenicity factors of *Meloidogyne javanica*. *AAB Advances in Nematology*, London, 13 December 2005. P

Adam, M.A.M., Phillips, M.S. & Blok, V.C. 2005. Identification of *Meloidogyne* spp. from North East Libya and comparison of their inter- and intra-specific genetic variation using RAPDs. *Nematology* 7, 599-609. J

Aflakpui, G.K.S., Gregory, P.J. & Froud-Williams, R.J. 2005. Carbon (^{13}C) and nitrogen (^{15}N) translocation in a maize-*Striga hermonthica* association. *Experimental Agriculture* 41, 321-333. J

Al-Menaie, H., Caligari, P.D.S. & Forster, B.P. 2004. Matching soil, water and genotype for barley cultivation in Kuwait. *Barley Genetics IX, Proceedings of 9th International Barley Genetics Symposium*, Brno, Czech Republic, 20-26 June 2005, 7-11. P

Allen, J. & Gordon, S.C. 2003. Sucking insect pests of *Rubus* crops. *Horticultural Development Council* (Advisory Leaflet). O

Andreev, I.A., Kim, S.-H., Kalinina, N.O., Rakitina, D.V., Fitzgerald, A.G., Palukaitis, P. & Taliansky, M.E. 2004. Molecular interactions between plant virus movement protein and RNA: Force spectroscopy investigation. *Journal of Molecular Biology* 339, 1041-1047. J

Andrews, M., Lea, P.J., Raven, J.A. & Lindsey, K. 2004. Can genetic manipulation of plant nitrogen assimilation enzymes result in increased crop yield and greater N-use efficiency? An assessment. *Annals of Applied Biology* 145, 25-40. J

Andrews, M., Raven, J.A., James, E.K. & Sprent, J.I. 2004. Environmental, developmental and nodulation effects on dry matter partitioning between shoot and root of grain legumes. *5th European Conference on Grain Legumes / 2nd International Conference on Legume Genomics and Genetics*, Dijon, France, 7-11 June 2004. P

Andrews, M., Raven, J.A. & James, E.K. 2005. The role and potential of free living, associative, endophytic and symbiotic organisms in crop nutrition. *Aspects of Applied Biology*, 73, 163-166. P

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Sparks, J.P., Sperry, J., Teskey, R. & Tyree, M. 2004. The cohesion-tension theory. *New Phytologist* 163, 451-452. J

Anon 2003. *Peronospora rubi* (original text by B. Williamson). *Crop Protection Compendium*. CAB International, Wallingford, UK. R

Anon 2003. *Phragmidium rubi-idaei* (original text by B. Williamson). *Crop Protection Compendium*. CAB International, Wallingford, UK. R

Archer, N.A.L. & Jones, H.G. 2003. Estimation of evaporation using surface temperature of heterogeneous vegetation at small and large scales. *3rd EARSel Workshop on Imaging Spectroscopy*, Paris, 13-16 May 2003. P

Archer, N.A.L. & Jones, H.G. 2003. Estimation of evaporation using ground and airborne methods. *Annual Conference of the Remote Sensing and Photogrammetry Society*, Nottingham, 10-12 September 2003. P

Armstrong, M.R., Whisson, S.C., Pritchard, L., Bos, J.I.B., Venter, E., Avrova, A.O., Rehmany, A.P., Böhme, U., Brooks, K., Cherevach, I., Hamlin, N., White, B., Fraser, A., Lord, A., Quail, M.A., Churcher, C., Hall, N., Berriman, M., Huang, S., Kamoun, S., Beynon, J.L. & Birch, P.R.J. 2005. An ancestral oomycete locus contains late blight avirulence gene *Avr3a*, encoding a protein that is recognised in the host cytoplasm. *Proceedings of the National Academy of Sciences, USA* 102, 7766-7771. J

Arpaia, S., Birch, A.N.E., Lövei, G.L., Sétamou, M., Sithanantham, S., Wheatley, R.E., Hilbeck, A. & Andow, D.A. 2004. Selection procedure to study ecological impact of GM plants: a case study of Bt-maize in Kenya. *Proceedings of the 15th International Plant Protection Conference*, Beijing, May 2004. P

Avrova, A.O., Taleb, N., Rokka, V.-M., Heilbronn, J., Campbell, E., Hein, I., Gilroy, E.M., Cardle, L., Bradshaw, J.E., Stewart, H.E., Jaufeerally-Fakim, Y., Loake, G. & Birch, P.R.J. 2004. Potato oxysterol binding protein and cathepsin B are rapidly up-regulated in independent defence pathways that distinguish R gene-mediated and field resistances to *Phytophthora infestans*. *Molecular Plant Pathology* 5, 45-56. J

Bahar, B., Monahan, F.J., Moloney, A.P., O'Kiely, P., Scrimgeour, C.M. & Schmidt, O. 2005. Alteration of the carbon and nitrogen stable isotope composition of beef by substitution of grass silage with maize silage. *Rapid Communications in Mass Spectrometry* 19, 1937-1942. J

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- Bell, K. 2003. Report on 3rd ASM and TIGR Conference on Microbial Genomes. New Orleans, USA, 29 January-1 February 2003. *BSPP Newsletter* **44**, 43-44. O
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