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Recent Publications by IACR-Rothamsted:



- [Gibberellin metabolism and signaling.](#)
*Gibberellins (GAs) are a family of plant hormones controlling many aspects...*11th May, 2006
IACR Rothamsted Research, CPI Division, Harpenden, Hertfordshire, AL5 2JQ,- Vitam Horm. 2005;72:289-338. ([DOI Direct Link](#))
- [Tritrophic choice experiments with bt plants, the diamondback moth \(*Plutella xylostella*\) and the parasitoid *Cotesia plutellae*.](#)
*Parasitoids are important natural enemies of many pest species and are...*21st February, 2004
Division of Plant and Invertebrate Ecology, IACR-Rothamsted Research,- Transgenic Res. 2003 Jun;12(3):351-61.
- [Volatiles from whitefly-infested plants elicit a host-locating response in the parasitoid, *Encarsia formosa*.](#)
*The blend of volatile compounds emitted by bean plants (*Phaseolus*...*5th December, 2003
Biological and Ecological Chemistry Department, IACR-Rothamsted,- J Chem Ecol. 2003 Jul;29(7):1589-600.
- [Characterisation of the expression of a novel constitutive maize promoter in transgenic wheat and maize.](#)
*A novel constitutive promoter from the maize histone H2B gene was recently...*3rd September, 2003
DuPont Wheat Transformation Laboratory, c/o IACR-Rothamsted, Harpenden,- Plant Cell Rep. 2003 Feb;21(6):569-76. Epub 2002 Nov 16. ([DOI Direct Link](#))
- [PCR-based DNA fingerprinting indicates host-related genetic variation in the nematophagous fungus *Pochonia chlamydosporia*.](#)
*The mitosporic fungus *Pochonia chlamydosporia* is a potential biocontrol...*21st June, 2003

Nematode Interactions Unit, IACR-Rothamsted, Harpenden, Hertfordshire AL5- Mycol Res. 2003 Feb;107(Pt 2):198-205.

- [Cloning of and genetic variation in protease VCP1 from the nematophagous fungus *Pochonia chlamydosporia*.](#)
*The fungus *Pochonia chlamydosporia* is a biocontrol agent with commercial...* 31st May, 2003
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- [Identification of the gland secreting oviposition-detering pheromone in the cabbage seed weevil, *Ceutorhynchus assimilis*, and the mechanism of pheromone deposition.](#)
*After laying an egg into a pod of *Brassica napus*, the female cabbage seed...* 29th May, 2003
IACR-Rothamsted, Harpenden, Hertfordshire, UK- J Insect Physiol. 1999 Jul;45(7):687-699.
- [Effects of artificial diet containing GNA and GNA-expressing potatoes on the development of the aphid parasitoid *Aphidius ervi* Haliday \(Hymenoptera: Aphidiidae\).](#)
Aphid parasitoids are important biological control agents. The possibility... 29th May, 2003
Department of Entomology and Nematology, IACR-Rothamsted, AL5 2JQ,- J Insect Physiol. 2001 Dec;47(12):1357-1366.
- [The influence of lipophilicity and formulation on the distribution of pesticides in laboratory-scale sediment/water systems.](#)
Pesticide reaching surface waters will be sorbed by sediment. This... 20th May, 2003
IACR-Rothamsted, Harpenden, Herts AL5 2JQ, UK.- Pest Manag Sci. 2003 Feb;59(2):238-44. ([DOI Direct Link](#))
- [Variation in the effects of take-all disease on grain yield and quality of winter cereals in field experiments.](#)
Relationships between take-all intensity and grain yield and quality were... 20th May, 2003
IACR-Rothamsted, Harpenden, Hertfordshire AL5 2JQ, UK.- Pest Manag Sci. 2003 Feb;59(2):215-24. ([DOI Direct Link](#))
- [Co-induction of glutathione-S-transferases and multidrug resistance associated protein by xenobiotics in wheat.](#)
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Crop Performance and Improvement Division, IACR-Rothamsted, Harpenden AL5- Pest Manag Sci. 2003 Feb;59(2):202-14. ([DOI Direct Link](#))
- [Characterisation of target-site resistance to ACCase-inhibiting herbicides in the weed *Alopecurus myosuroides* \(black-grass\).](#)
Resistance to aryloxyphenoxypropionate (AOPP), cyclohexanedione (CHD) and... 20th May, 2003
Division of Plant and Invertebrate Ecology, IACR-Rothamsted, Harpenden,- Pest Manag Sci. 2003 Feb;59(2):190-201. ([DOI Direct Link](#))
- [Development of a new management strategy for the control of root-knot nematodes \(*Meloidogyne* spp\) in organic vegetable production.](#)
*The nematophagous fungus, *Pochonia chlamydosporia* (Goddard) Zare & Gams,...* 20th May, 2003
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- [Mode of action and pesticidal activity of the natural product dunnione and of some analogues.](#)
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