

WEED RESEARCH

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- 479 *M-L Navas* Trait-based approaches to unravelling the assembly of weed communities and their impact on agro-ecosystem functioning

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- 489 *R Busi, T A Gaines, M J Walsh & S B Powles* Understanding the potential for resistance evolution to the new herbicide pyroxasulfone: field selection at high doses versus recurrent selection at low doses
- 500 *B de Cauwer, R Rombaut, R Bulcke & D Reheul* Differential sensitivity of *Echinochloa muricata* and *Echinochloa crus-galli* to 4-hydroxyphenyl pyruvate dioxygenase- and acetolactate synthase-inhibiting herbicides in maize
- 510 *C Gutjahr, M Sökefeld & R Gerhards* Evaluation of two patch spraying systems in winter wheat and maize
- 520 *C W G Menezes, M A Soares, J B Santos, S L Assis Júnior, A J Fonseca & J C Zanuncio* Reproductive and toxicological impacts of herbicides used in *Eucalyptus* culture in Brazil on the parasitoid *Palmistichus elaeisis* (Hymenoptera: Eulophidae)
- 526 *J Prider, R Correll & P Warren* A model for risk-based assessment of *Phelipanche mutellii* (branched broomrape) eradication in fields
- 535 *D Goulson & E L Rotheray* Population dynamics of the invasive weed *Lupinus arboreus* in Tasmania, and interactions with two non-native pollinators
- 542 *K Hata, H Kato & N Kachi* Leaf litter of the invasive *Casuarina equisetifolia* decomposes at the same rate as that of native woody species on oceanic islands but releases more nitrogen
- 551 *S Bellanger, J-P Guillemin, V Bretagnolle & H Darmency* *Centaurea cyanus* as a biological indicator of segetal species richness in arable fields
- 564 *C P D Borger, P J Michael, R Mandel, A Hashem, D Bowran & M Renton* Linking field and farmer surveys to determine the most important changes to weed incidence
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