

# CONTENTS

## Original Researches

- 347 **Biocontrol potential varies with changes in biofuel-crop plant communities and landscape perennality**  
*Ben P. Werling, Timothy D. Meehan, Bruce A. Robertson, Claudio Gratton and Douglas A. Landis*
- 360 **Modification of native grasses for biofuel production may increase virus susceptibility**  
*Abbie C. Schrottenboer, Michael S. Allen and Carolyn M. Malmstrom*
- 375 **Thermal requirements for seed germination in *Miscanthus* compared with Switchgrass (*Panicum virgatum*), Reed canary grass (*Phalaris arundinaceae*), Maize (*Zea mays*) and perennial ryegrass (*Lolium perenne*)**  
*John Clifton-Brown, Paul Robson, Ruth Sanderson, Astley Hastings, John Valentine and Iain Donnison*
- 387 **Characterization of flowering time diversity in *Miscanthus* species**  
*Elaine Jensen, Kerrie Farrar, Sian Thomas-Jones, Astley Hastings, Iain Donnison and John Clifton-Brown*
- 401 **CO<sub>2</sub> fluxes of transitional bioenergy crops: effect of land conversion during the first year of cultivation**  
*Terenzio Zenone, Jiquan Chen, Michael W. Deal, Burkhard Wilske, Poonam Jasrotia, Jianye Xu, Ajay K. Bhardwaj, Stephen K. Hamilton and G. Philip Robertson*
- 413 **CO<sub>2</sub> emissions from biomass combustion for bioenergy: atmospheric decay and contribution to global warming**  
*Francesco Cherubini, Glen P. Peters, Terje Berntsen, Anders H. Strømman and Edgar Hertwich*