Contents

242 Editorial – Recommended pesticide dose rates: how low can you go? – Phil Russell

244 R&D news – reports on new products, new applications and new uses

245 Biotechnology news – developments in molecular biology and genomics

247 Regulatory news – new registrations, environmental effects and withdrawals

249 Company news – reports on mergers, acquisitions, collaborations and sales

251 Glasgow 2004 – The BCPC Linked Seminars – Len Copping and John Peregrine (Peregrine Regulatory Services) report on this new venture for BCPC and review some of the key papers

254 The Association of Applied Biologists: the first 100 years – A R Thompson, F A Langton, C A Millman, Association of Applied Biologists summarise the foundation of the AAB, its progress and achievements over the last 100 years and where it expects to be in coming years

258 Paraquat: boon or bane? – Len Copping introduces the following articles for and against the continued use of paraquat

259 Paraquat in perspective – Richard Brown, Michael Clapp, Jeremy Dyson, David Scott, Ian Wheals & Martin Wilks of Syngenta explain the benefits associated with paraquat use and how any potential risks can be avoided

267 Why paraquat should be banned – Barbara Dinham, Director, PAN UK, on behalf of Pesticide Action Network explains why the risks associated with the continued use of paraquat are too high and cannot be justified

271 Fungicide resistance: some practical aspects – Keith Cronshaw, formerly of BASF, describes some of the practical aspects that relate to the causes, detection and prevention of fungicide resistance

275 Stored-product insect management in flour mills – James F. Campbell, United States Department of Agriculture outlines new integrated pest management procedures in flour mills

278 Regional cooperation in the control of the olive fly in Palestine, Israel and Jordan – Fathi Abd el Hadi, Reuven Birger, Mustafa Natour, Tully Friedgut describe a successful joint project being undertaken by Israel, Jordan and the Palestinian Authority to control olive fly

283 Do GM crops harm beneficial arthropods through their feeding? – Sharon Downes, CSIRO Entomology reviews data on the effects of feeding insects reared on GM-crops to a variety of arthropod predators

285 Conference on Environmentally Friendly Spray Application Techniques – Graham Matthews reports on a spray application conference recently held in Poland

286 Book Review

288 Calendar of events