



Weed publications catalogue 2007

Cooperative Research Centre for Australian Weed Management (Weeds CRC)

www.weeds.crc.org.au

Bringing research to the community

Researchers, educators and advisors across Australia have combined their efforts to develop and deliver weed management information, skills, and resources to the community

What's available?

We offer the latest research and information in:

- books
- factsheets
- school resources
- teaching resources
- technical publications
- weed management guides
- weed watch newsletter
- workshop proceedings.

Who is it for?

- local community (community groups, gardeners, landholders)
- trainers and students (schools, vocational, university)
- advisors (agricultural, environmental)
- industry (agriculture, nursery, horticulture)
- land managers (farmers, national parks, recreation areas)
- government (local, state, federal).

Take a look inside >>>

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Prices and availability of products are subject to change. Some products may incur postage charges.

General Disclaimer

The information contained in this publication is offered by the CRC for Australian Weed Management (Weeds CRC) and its partners solely to provide information. While all due care has been taken in compiling the information, it is supplied on the basis and subject to the qualification that the Weeds CRC and its partners, and their officers and employees, take no responsibility for its contents nor for any loss, damage or consequence whatsoever for any person or body relying on the information, or any error or omission, contained in this publication. Any recommendations contained herein do not necessarily represent Weeds CRC policy.

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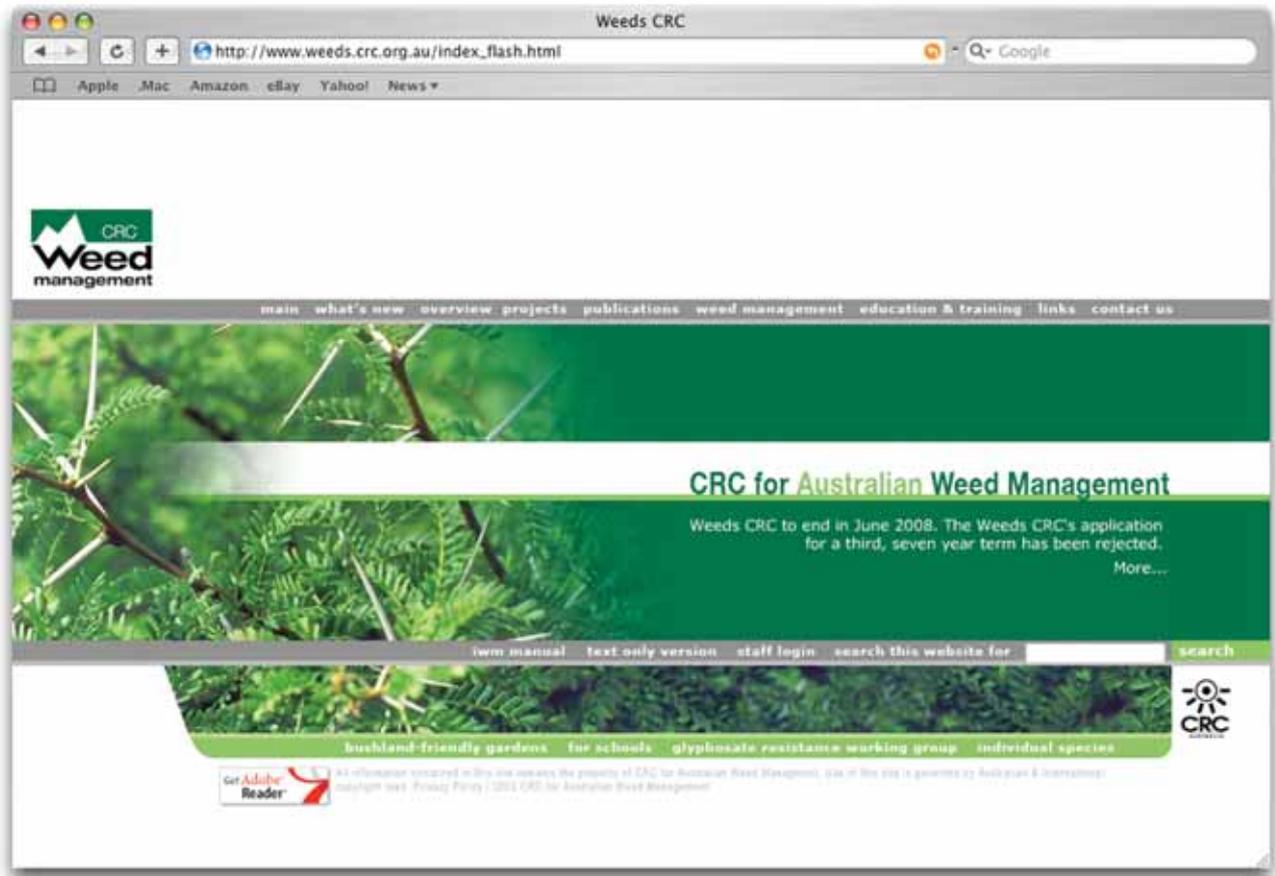
Established and supported under the Australian Government's Cooperative Research Centres Program.



Key

The following key explains the series of icons located next to each publication listing. The icons can be used as a quick reference to determine if there is a cost associated with a publication, in what formats the resource is available (eg electronic, hardcopy), if it is suitable for use in the Vocational Education and Training (VET) sector, and whether it focuses on agricultural or environmental weeds.

-  cost involved
-  free of charge
-  electronic pdf available
-  hard copy available
-  suitable for Vocational Education and Training (VET) sector
-  environmental weed issues
-  agricultural weed issues



The Weeds CRC website contains a wealth of information about our research, latest publications, news and media. Most of our resources, including those listed in this publications catalogue, can be downloaded free from the website.

Use the site to find out more about:

• What's new?

- Media releases, project highlights, weed of the month, project of the month, major events, postgraduate scholarship information and Enviroweeds list server information and archive.

• Research, education and communication projects

- Weed incursion and risk management, sustainable cropping systems, landscape management, community empowerment, education and training.

• Publications

- For scientists, land managers, trainers, local community, industry, advisors, schools and the media.
- Includes details of books, newsletters, technical documents, workshop proceedings, reports, media releases, factsheets, brochures, posters and a list of current scientific papers.

• Weed management information

- Preventative management, responding to new weeds, collecting specimens, biocontrol, chemical and mechanical control, integrated weed management and links to information on a large range of weed species.

• Education and training

- Postgraduate and undergraduate scholarship information, school resources, competition, games and resources for the Vocational Education and Training (VET) sector.

• Bushland-friendly gardens interactive website

- A clickable map of Australia that generates regional lists of garden plants to avoid and other information resources.

• Glyphosate resistance working group

- The national Glyphosate Sustainability Working Group provides information on the sustainable use of glyphosate in Australian agriculture.

• Links

- National and international information resources.

Books

A global compendium of weeds

by R Randall (2002)



Predicting which plants will become weeds is difficult. In this compendium Rod Randall has compiled a list of almost 21,000 plant entries. This publication is specifically designed to give anyone interested in the weed potential of a plant a report on its status with, most importantly,

further avenues for finding more information through the extensive reference listing.

\$ **D** \$165 from RG & FJ Richardson

www.weedinfo.com.au

Ph/Fax: (03) 5286 1533

Email: richardson@weedinfo.com.au

Australian weed management systems

edited by B Sindel (2000)



This is the first Australian textbook on integrated weed management (IWM) and was designed for students, researchers and managers of agricultural and natural ecosystems. It aims to explain how weeds function; the principles of the management of weed populations; and how this knowledge can be applied in practice to agricultural, horticultural, forestry or environmental weed management situations.

\$ **D** \$42.90 from RG & FJ Richardson

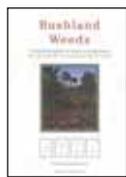
www.weedinfo.com.au

Ph/Fax: (03) 5286 1533

Email: richardson@weedinfo.com.au

Bushland weeds: a practical guide to their management

by K Brown and C Brooks (2002)



This book presents an overview of the biology and control of the serious weeds that are affecting bushlands of the Swan Coastal Plain and Jarrah forest of south-western WA. It is also a useful resource for south-eastern Australia. A number

of in-depth case studies are included which aim to assist with the development of weed management plans within the context of specific sites. Chapters focus on the management of grasses; corms, bulbs and tubers; herbs, sedges and succulents; and trees, shrubs and climbers, together with general principles of weed management, mapping and herbicide use within a bushland setting.

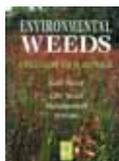
\$ **D** \$15.00 from the Wildflower Society of Western Australia
<http://members.ozemail.com.au/~wildflowers/>

Ph: (08) 9383 7979

Email: wildflowers@ozemail.com.au

Environmental weeds: a field guide for SE Australia

by K Blood (2001)



This comprehensive field guide details over 175 environmental weeds in south-eastern Australia including emerging and potential weeds. An overview of the importance, impacts, methods of introduction and distribution of environmental weeds is provided. Plant origin, description, distribution, ecology, reproduction and 'look-a-likes' are provided in detail for each plant species in easy-to-understand language. These are supported by excellent photography that enables easier plant identification. This guide is suitable for a broad range of users, so whether you're a weed officer, farmer, student, bushcarer or bushwalker, you'll find this book easy to use.

\$ **D** \$39.95 from most bookshops or directly from
Bloomings Books

www.bloomings.com.au

Ph: (03) 9427 1234

Email: sales@bloomings.com.au

Invasive weeds, pests and diseases: solutions to secure Australia

by Australian Biosecurity Group (2005)



This publication provides an overview of the economic, social and environmental impacts caused by invasive pests, weeds and diseases in Australia. The Australian Biosecurity Group challenges current pest management practices and policies and presents a comprehensive 10 point plan that represents a potential policy solution to this growing menace. This document is a must-read for all policy makers.

FREE www.wwf.org.au/publications/ABGInvasivesolutions/

Killing us softly – Australia's green stalkers

by P Martin (2003)



Killing us softly is a 2020 Vision Statement from the Weeds CRC to be used as a tool to heighten the level of weed awareness amongst the public, policy makers and the media. It outlines \$286 million worth of projects needed over the next 10 years to carry out a National Weeds Action Plan. The problem with weeds needs to be understood before it can be comprehensively tackled through national policy and

community involvement. Selected case studies in this booklet graphically demonstrate various dimensions of the problem. Read this publication and focus on what you may do to tackle the weeds problem.

  Available from the Weeds CRC

  www.weeds.crc.org.au/publications/books

National post-border weed risk management protocol by Standards Australia (2006)



This handbook has been developed to foster the use and further development of decision support systems for prioritising weed species for management at the regional, state/territory and national levels. It is based on current best practice in weed management science, in combination with the principles of AS/NZS 4360:2004 Risk management and HB 203:2006 Environmental risk management – Principles and process.

  \$82.72 from SAI Global

  \$74.45 www.saiglobal.com

Ph: 131 242

Email: sales@sai-global.com

Pasture management for weed control by J Burton and P Dowling (2004)



This book brings together existing knowledge and research results from the first Weeds CRC (1995–01) on managing weeds in temperate pastures. It outlines many on-farm issues associated with perennial pasture production, but it is primarily focused on the management of pastures to minimise the ecological and financial impact of weeds.

  Available from the Weeds CRC

Pasture weed management kit by U Taylor and B Sindel (2000)



This guide is written for people involved in controlling or managing weeds in perennial pastures in southern Australia. An overview of the introduction, distribution, dispersal, seedbank, impacts, assessment, identification and monitoring is provided. Weed management options such as prevention, grazing management, physical control, burning, chemical and biological control are presented together with an explanation of how to successfully integrate these methods. Four short case studies are included. The guide also contains management sheets that specify seasonal control options for a variety of weeds such as blackberry, serrated tussock, vulpia and a range of thistle species.

  Available from the Weeds CRC

Southern weeds and their control

by J Moore and J Wheeler (2002)



This is a pocket-sized field guide on common weeds in southwest WA. It provides easy identification for more than 100 weeds.

Photographs, clear descriptions and notes on similar looking native plants allow the reader to confidently identify the weed and then apply effective control.

  \$16.90 from the Department of Agriculture WA

Email: jbrown@agric.wa.gov.au

Ph: (08) 9368 3710 or Fax: (08) 9474 2405

The environmental weed risk of revegetation and forestry plants

by J Virtue and R Melland (2003)



In this report 20 species (trees, shrubs and grasses) commonly planted for timber production, shelterbelts, livestock fodder and salinity control in South Australia were assessed for their weed risk to areas of natural vegetation. The report concludes that there are some species with clear agricultural value but which can cause environmental damage.

Recommendations are made on how to manage this risk.

  www.dwlbc.sa.gov.au/files/2003_02_environmental_weed_risk_revegetation.pdf

Weed categories for natural and agricultural ecosystem management

by RH Groves (Convenor), JR Hosking, GN Batianoff, DA Cooke, ID Cowie, RW Johnson, GJ Keighery, BJ Lepschi, AA Mitchell, M Moerkerk, RP Randall, AC Rozefelds, NG Walsh & BM Waterhouse (2003)



This book brings together the current knowledge on the 2,700 non-native plants that have naturalised in Australia. Each species is assessed for its impact or potential impact as a weed of natural and agricultural ecosystems. The information presented here will be useful for weed managers, other decision makers and researchers concerned with natural resource management at a local, regional or national level.

  \$20 from Department of Agriculture, Fisheries & Forestry

Ph: 1800 020 157

  www.daff.gov.au/brsweeds

Technical series

  All available for download from www.weeds.crc.org.au/publications/technical_series

Weeds of pastures and field crops in Tasmania: Economic impacts and biological control (Technical series #13)

by JE Ireson, JT Davies, DA Friend, RJ Holloway, WS Chatterton, El Van Putten and REC McFadyen (2007)



The primary aim of this technical bulletin is to provide a revised assessment of the cost of weeds to Tasmanian pastures and field crops as well as identifying the weeds that have the most significant impact on Tasmanian agriculture. It should serve as a useful reference for those involved in weed control within the state and nationally.

  Available from the Weeds CRC

An economic evaluation of the research benefits and returns on investment in the Invasive Plants Cooperative Research Centre (Technical series #12)

by R Jones, G Griffith and D Vere, NSW Department of Primary Industries (2006)



The CRC for Australian Weed Management was initiated in 2001 as the second phase of the successful CRC for Weed Management Systems and completes its current term in June 2008. Both CRCs are commonly referred to as the Weeds CRC.

A new Invasive Plants Cooperative Research Centre was proposed to continue the work of weeds research and development at a national level.

  Available from the Weeds CRC

Impact of weeds on threatened biodiversity in New South Wales (Technical series #11)

by A Coutts-Smith and P Downey, Pest Management Unit, Parks and Wildlife Division Department of Environment and Conservation (NSW) (2006)



Alien species (weeds and pest animals) are acknowledged as the second greatest cause of biodiversity decline, after habitat loss. Despite this, there is a lack of information on the biodiversity at risk from alien species. This lack has hampered effective management of invasive species at all levels from government policy to on-ground control. Given that the number of new introductions of alien species has increased dramatically

over the past century, it is imperative that proper information on their impacts be compiled and disseminated.

  Available from the Weeds CRC

Economic impact assessment of Australian weed biological control (Technical series #10)

by AR Page and KL Lacey, AECgroup (2006)



This report examines the return on investment of the Australian weed biological control effort. It reveals that the annual return over a 104 year period was \$95.3m for an average annual outlay of just \$4.3m. This return was based on just 14 successful projects.

Publication and summary brochure

  Available from the Weeds CRC

Weeds in winter pulses: integrated solutions (Technical series #9)

by D Carpenter and A Bowcher (2004)



A guide to the management of weeds in winter pulse crops, looking at the whole farm business and developing strategies involving a wide range of techniques. When well managed, pulse crops can represent an important component of an

integrated whole-farm weed management program for annual cropping systems. This publication provides an overview of all aspects of managing weeds during the pulse phase of crop rotation, including what pulse species to choose, weed impacts on pulse production, problem weed species by state, optimisation of the competitive ability of pulses against weed species and weed management using an integrated approach drawn from the suite of available chemical and cultural control methods. There is also a comprehensive appendix section that provides information on crop growth stages, glossary, further information and cited references.

  Available from the Weeds CRC

The economic impact of weeds in Australia (Technical series #8)

by J Sinden, R Jones, S Hester, D Odom, C Kalisch, R James and O Cacho (2004)



New economic research undertaken by the Weeds CRC through the University of New England has established that the annual cost of weeds to Australian agriculture exceeds \$3.5 billion, and may be as high as \$4.5 billion per year. The figure

varies because of seasonal conditions, commodity prices and weed infestations, but on average the estimate is an annual net loss of \$4 billion. This updates the estimate of \$2 billion per year for 1981–82 and compares with estimates for salinity of an annual net loss of \$200 million.

Summary brochure

FREE  Available from the Weeds CRC

Improving the selection, testing and evaluation of weed biological control agents (Technical series #7)

edited by H Spafford Jacob and DT Briese (2003)



This peer-reviewed publication contains the proceedings from the Weeds CRC Biological Control of Weeds Symposium held in Perth, 2002. The Weeds CRC's work in biological control is presented as well as an introduction to the current research that will continue Australia's world class contributions to general principles of biological control. Content encompasses the prioritisation, selection, testing, evaluation, predictability, acceptability and assessment of the economic and ecological effectiveness of biological control agents for weeds.

FREE  Available from the Weeds CRC

The CRC for Weed Management Systems: an impact assessment (Technical series #6)

by the Centre for International Economics (2001)



This report highlights the Weeds CRC's achievements up until 2001 and how its work will reduce weed costs over the longer term.

The specification, estimation and validation of a quarterly structural econometric model of the Australian grazing industries (Technical series #5)

by D Vere, G Griffith and R Jones (2000)



This model's development closely follows the structural modelling procedures previously adopted in NSW Agriculture and represents an aggregation of that research into a single entity.

FREE  Available from the Weeds CRC

The distribution, density and economic impact of weeds in the Australian annual winter cropping system (Technical series #4)

by R Jones, Y Alemseged, R Medd and D Vere (2000)



This paper reports on an analysis of the costs of weeds in Australian annual winter cropping systems.

Recent incursions of weeds in Australia 1971–1995 (Technical series #3)

convened by RH Groves, appendix compiled by JR Hosking (1997)



This report assigns dates to weed incursions and naturalisations where known.

An integrated economic methodology for evaluating the impacts of weeds in agricultural production systems and the farm and industry benefits of improved weed management (Technical series #2)

by DT Vere, RE Jones and GR Griffith (1997)



This paper presents a brief review of the methodology of production systems modelling and provides details of the farm and industry modelling methods adopted in the construction of the integrated models. Examples of the application of this modelling system are presented.

Annotated bibliography of the weed *Asparagus asparagoides* (L) (Technical series #1)

by J Scott and P Beasley (1996)



A comprehensive list of resources available on bridal creeper up until 1996.

Education & training resources

Education & training resources

FREE  All available for download unless otherwise stated
www.weeds.crc.org.au/publications/education_training_resources

Manuals

Australian weed management: biocontrol



This vocational education and training resource provides an overview of weed biocontrol methods used in Australia. The PowerPoint slides, teacher notes and workbook are presented in three parts: i) history of biocontrol ii) maintaining biological cultures iii) releasing biocontrol agents for weed management.

VET *RTD3706A Maintain biological cultures; RTD3707A Release biological agents*

Integrated weed management in Australian cropping systems



With herbicide resistance a growing concern in Australia's cropping industries, the IWM manual describes a broad range of chemical and non-chemical tactics for weed management aimed at reducing the weed seedbank and also

reliance on herbicides. The manual is largely written for farm advisors with contributions from some of Australia's leading weed scientists.

\$  \$88.00 from RG & FJ Richardson

www.weedinfo.com.au

Ph/Fax: (03) 5286 1533

Email: Richardson@weedinfo.com.au

FREE  Two selections from the manual, a summary brochure and order form are available for viewing on the Weeds CRC website

Introductory weed management manual



This manual has been prepared as a training aid for the use of private landholders, conservation groups, catchment management groups, local, state and territory governments and industry. It is an introductory guide for those with little experience with weed management, particularly environmental weeds. It is also an excellent extension resource for those who need to develop the weed management capacity of others.



VET *RTC1801A Prepare for work; RTC1701A Follow basic chemical safety rules; RTC3218A Undertake a site assessment; RTC2016A Recognise plants; RTC2401A Treat weeds; RTC3401A Control weeds*

FREE  Available from the Weeds CRC

Weed collectors manual: Collect, prepare and preserve weed specimens



This resource provides a step-by-step guide to collecting, preparing and preserving weed specimens for recording or identification purposes. Currently used in the training of 'Weed Spotters', it is relevant for secondary, tertiary and VET sector training.

VET *RTD2004A Collect, prepare and preserve plant specimens; RTC2016A Recognise plants; RTD2803A Observe and report plants/animals; RTD3509A Collect and preserve biological samples; RTC5011A Collect and classify plants*

What does your garden grow?



This workbook, trainer's manual and PowerPoint slides are resources available for conducting short courses on the tools and techniques needed to reduce the impact of weeds in our gardens and the unique Australian environment. The content and structure is aimed at the general community.

VET Supports *RTC2702A Observe environmental work practices; RTC2016A Recognise plants; RTC2401A Treat weeds; RTC3401A Control weeds; LGAERH304A Perform weed control duties* (Available by mid 2007. Contact the Weeds CRC for more information.)

CDs

Blackberry: an identification tool to introduced and native *Rubus* in Australia

by R and B Barker, State Herbarium of South Australia



Blackberry (*Rubus*) species are significant weeds of agriculture, forestry and natural ecosystems in southern and eastern Australia. This CD-ROM contains an introduction, tutorial and two identification keys that enable the identification of all species of *Rubus* known to occur in Australia. Each species has a factsheet with information and images, together with links to further information available on the internet and Australia's Virtual Herbarium for up-to-date distribution maps. Also included is a list of all *Rubus* species names, background to their classification, a glossary, instructions on collecting specimens for identification and information on the use of rusts as biocontrol agents in Australia.

\$ **D** \$66 from the University of Queensland Centre for Biological Information Technology
www.cbit.uq.edu.au/software/blackberry

Helpsheet for using the Blackberry Lucid Key

FREE www.weeds.crc.org.au/publications/factsheets_guidelines

CRC for Australian Weed Management: education and training resources



This CD contains many of the web-based vocational education and training resources produced by the Weeds CRC.

FREE **D** Available from the Weeds CRC

Crop weeds of Australia



Crop weeds of Australia is an educational tool designed to assist in teaching and learning the principles and practice of plant identification. It has been developed to assist students in agriculture-related tertiary courses, but can also be used by secondary school and TAFE students. The key includes about 150 species of weeds commonly found in Australia's cropping systems and covers all of the major cropping areas from tropical to temperate.

\$ **D** \$35.20 from University of Queensland Centre for Biological Information Technology
www.cbit.uq.edu.au/software/cropweedsaust

Environmental Weeds of Australia



Environmental Weeds of Australia is an interactive CD-ROM tool designed to assist in the identification and to provide information on the environmental weeds of Australia.

It has been developed to assist anyone with environment-related interests, but can also be used by university, secondary school and TAFE students.

The key includes about 700 species of plants found in Australia's natural ecosystems and covers all of the major zones from tropical to temperate.

(Available mid 2007. Contact www.cbit.uq.edu to find out price details and to order your copy)

Schools

Education news



A twice yearly publication providing a brief outline of recent Weeds CRC education activities and showcasing the latest weed education and training resources.

FREE www.weeds.crc.org.au/publications/education_training_resources

Ghastly guests: upper primary unit of work investigating weeds



This is an innovative resource designed for upper primary school teachers nation-wide. Suggested lesson activities are provided with accompanying worksheets and teacher resources. Unit activities are linked to the curriculum in each state and territory.

Email: susanna.greig@une.edu.au

FREE www.weeds.crc.org.au/for_schools/index

Lord of the weeds competition



This competition requires students to design a strategy to manage weeds in the school or in the local area.

Email: susanna.greig@une.edu.au

Competition flyer available for further information

FREE www.weeds.crc.org.au/for_schools/competition

Weed Warriors



Weed Warriors is an innovative, national community engagement program supported by the Weeds CRC that is aimed at fostering increased community awareness of, and involvement in, local weed issues. It recognises children as the land managers of the future and seeks to engage them in weed issues through an ongoing program of classroom and field-based activities such as the raising and release of biocontrol agents for weed control. The program is suitable for all levels of education and is supported by excellent teaching resources.

For more information see www.weedwarriors.net.au

Weed Wipeout



Weed Wipeout is an interactive computer game developed by the Weeds CRC to provide a fun and enjoyable way to learn about weed management. As a Weed Wipeout player you'll be managing a farm ravaged by weeds. You'll need to make lots of decisions about the most appropriate weed management strategies for the farm you're managing. Plenty of unexpected events occur, keeping the job challenging, fun and interesting!

FREE www.weeds.crc.org.au/for_schools/weedwipeout_flash

Factsheets



See the Factsheets section for a range of free, easy-to-read resources on agricultural and environmental weed management, suitable for secondary and tertiary educators.

FREE  www.weeds.crc.org.au/publications/factsheets_guidelines

Factsheets

FREE  All available for download from www.weeds.crc.org.au/publications/factsheets_guidelines

The Weeds CRC sources, prepares and delivers a range of resources for the Vocational Education and Training (VET) sector for competency-based training in weed-related areas. Many of the following factsheets are relevant for use with the Conservation and Land Management training package and are highlighted with a **VET** icon. Many of these factsheets are also relevant for senior high school agricultural and environmental classes.

Biocontrol, physical control and cultural control

Monitoring biological control agents: a biocontrol case study for Paterson's curse



VET RTD3706A Maintain biological cultures

Physical weed management: Paterson's curse



VET RTD5402A Develop a strategy for the management of target pests

Physical weed management: strategically grazing St John's wort



VET RTD5402A Develop a strategy for the management of target pests

Release of biocontrol agents: a biocontrol case study for dock



VET RTD3707A Release biological agents

Release of biological control agents: a biocontrol case study for Paterson's curse



VET RTD3707A Release biological agents

Release of biological control agents: additional strains of leaf-rust fungus to control blackberry



VET RTD3707A Release biological agents



Community approaches

A community approach: Ag ‘n’ Chat - specialised and innovative training for farm women

-  **VET** *RTC2016A Recognise plants; RTD4805A Facilitate ongoing group development; RTC5011A Collect and classify plants*

A community approach: alligator weed management

-  **VET** *RTD4403A Develop a pest management action plan within a local area; RTD5402A Develop a strategy for the management of target pests*

A community approach: green cestrum

-  **VET** *RTD5402A Develop a strategy for the management of target pests*

A community approach: managing weeds on a catchment scale – Sixth Creek Catchment

-  **VET** *RTD3505A Maintain natural areas; RTD5404A Coordinate the pest management strategy in a regional or broader context; RTD5802A Support group and community changes in resource management*

A community approach: managing woody weeds in the Cape River Catchment

-  **VET** *RTD5404A Coordinate the pest management strategy in a regional or broader context; RTD5802A Support group and community changes in resource management*

  All available for download from www.weeds.crc.org.au/publications/factsheets_guidelines

Gardening and biodiversity

Alternatives to invasive garden plants: Greater Adelaide region



  Available from the Weeds CRC

Facts for the horticulture media: weed information resource



Under pressure: Australian flora and fauna threatened by invasive plants



 RTD2803A Observe and report plants and/or animals; RTC4024A Recommend plants

Herbicides

Herbicides: guidelines for use in and around water



Herbicides: knowing when and how to use them



Herbicide tolerant crops: frequently asked questions



Understanding the mechanisms behind herbicide resistance



Integrated weed management

Integrated weed management: developing a plan using tactic groups



 RTD5402A Develop a strategy for the management of target pests

Integrated weed management: mimosa



 RTD4403A Develop a pest management action plan within a local area; RTD5402A Develop a strategy for the management of target pests; RTD5405A Evaluate the pest management strategy

Integrated weed management: salvinia



 RTD4403A Develop a pest management action plan within a local area; RTD5402A Develop a strategy for the management of target pests

Integrated weed management: spiny burr grass



 RTD4403A Develop a pest management action plan within a local area; RTD5402A Develop a strategy for the management of target pests

Integrated weed management: St John's wort



 RTD4403A Develop a pest management action plan within a local area; RTD5402A Develop a strategy for the management of target pests

Weed management: collecting and preserving plants for identification



 RTD2004A Collect, prepare and preserve plant specimens; RTC2016A Recognise plants; RTC2401A Treat weeds; RTC3401A Control weeds; RTC5011A Collect and classify plants

Weed management: collecting blackberry specimens for identification



 RTD2004A Collect, prepare and preserve plant specimens

Weed management: describing weeds for identification



 RTD2004A Collect, prepare and preserve plant specimens; RTC2016A Recognise plants; RTC2401A Treat weeds; RTC3401A Control weeds; RTC5011A Collect and classify plants

Weed management: helpsheet for using the blackberry Lucid Key



 RTD2004A Collect, prepare and preserve plant specimens; RTC2016A Recognise plants

Managing weed risk

Managing weed risk: prioritising weed control in national parks in Central Australia



 RTD5401A Define the pest problem in a regional or broader context

Prioritising weed management: a protocol for noxious weed management



VET *RTD4403A Develop a pest management action plan within a local area; RTD5402A Develop a strategy for the management of target pests*

Regional weed management strategy: Burnett Mary



Weed risk minimisation: European olive in Tasmania



VET *RTD5401A Define the pest problem in a regional or broader context*

On-farm solutions

On-farm solutions: IWM and Tactic Groups in northern NSW



VET *RTC3401A Control weeds; RTD5402A Develop a strategy for the management of target pests; RTD5405A Evaluate the pest management strategy*

On-farm solutions: IWM and Tactic Groups in the central wheatbelt, WA



VET *RTC3401A Control weeds; RTD5402A Develop a strategy for the management of target pests; RTD5405A Evaluate the pest management strategy*

On-farm solutions: IWM and Tactic Groups in the mid-north, SA



VET *RTC3401A Control weeds; RTD5402A Develop a strategy for the management of target pests; RTD5405A Evaluate the pest management strategy*

On-farm solutions: IWM and Tactic Groups in the northern wheatbelt, WA



VET *RTC3401A Control weeds; RTD5402A Develop a strategy for the management of target pests; RTD5405A Evaluate the pest management strategy*

On-farm solutions: IWM and Tactic Groups in the Riverina, NSW



VET *RTC3401A Control weeds; RTD5402A Develop a strategy for the management of target pests; RTD5405A Evaluate the pest management strategy*

On-farm solutions: IWM and Tactic Groups in the southern Wimmera, Vic



VET *RTC3401A Control weeds; RTD5402A Develop a strategy for the management of target pests; RTD5405A Evaluate the pest management strategy*

On-farm solutions: IWM and Tactic Groups on the Darling Downs, Qld



VET *RTC3401A Control weeds; RTD5402A Develop a strategy for the management of target pests; RTD5405A Evaluate the pest management strategy*

On-farm solutions: managing annual grasses in field peas



VET *RTC3401A Control weeds; RTD5402A Develop a strategy for the management of target pests*

On-farm solutions: managing grasses in pulses



VET *RTC3401A Control weeds; RTD5402A Develop a strategy for the management of target pests; RTD5405A Evaluate the pest management strategy*

On-farm solutions: managing resistant ryegrass – a whole farm approach



VET *RTC3401A Control weeds; RTD5402A Develop a strategy for the management of target pests; RTD5405A Evaluate the pest management strategy*

On-farm solutions: managing resistant ryegrass by baling crop residue at harvest



VET *RTC3401A Control weeds; RTD5402A Develop a strategy for the management of target pests*

FREE  All available for download from
www.weeds.crc.org.au/publications/factsheets_guidelines

On-farm solutions: managing resistant ryegrass by collecting chaff at harvest



VET  RTC3401A Control weeds; RTD5402A Develop a strategy for the management of target pests

On-farm solutions: managing resistant ryegrass with high density legumes



VET  RTC3401A Control weeds; RTD5402A Develop a strategy for the management of target pests; RTD5405A Evaluate the pest management strategy

On-farm solutions: managing St John's wort



VET  RTD5402A Develop a strategy for the management of target pests

On-farm solutions: sowing weed free seed



VET  RTC3401A Control weeds; RTD5402A Develop a strategy for the management of target pests

On-farm solutions: wick wiping musk weed in lentils



VET  RTC3401A Control weeds; RTD5402A Develop a strategy for the management of target pests

On-farm solutions: winter crop seedling growth stages



Updates

Arrival of leaf-feeding willow sawfly: *Nematus oligospilus* in Australia



Fumitory update



Weed eradication

Weed eradication program: alligator weed in Port Macquarie-Hastings, NSW



VET  RTD5401A Define the pest problem in a regional or broader context; RTD5402A Develop a strategy for the management of target pests; RTD503A Develop a system for monitoring the pest management

Weed eradication program: bitterweed and seroty weed



VET  RTD5402A Develop a strategy for the management of target pests

Weed eradication program: branched broomrape



VET  RTD5402A Develop a strategy for the management of target pests

Weed eradication program: cabomba in Marlow lagoon, NT



VET  RTD5401A Define the pest problem in a regional or broader context; RTD5402A Develop a strategy for the management of target pests; RTD503A Develop a system for monitoring the pest management

Weed eradication program: salvinia in Kununnura, WA



VET  RTD5401A Define the pest problem in a regional or broader context; RTD5402A Develop a strategy for the management of target pests; RTD503A Develop a system for monitoring the pest management

Weed management guides

Weed management guides

Weeds of National Significance guides (WoNS)

FREE  Available from the Weeds CRC
FREE  All available for download from
www.weeds.crc.org.au/publications/weed_man_guides

There are 20 *Weeds of National Significance*. They are regarded as the worst weeds in Australia because of their invasiveness, potential for spread, and economic and environmental impacts.

These guides are easy-to-read and provide details such as a description of the plant and its uses, potential and current distribution, life-cycle information, herbarium locations, case studies and weed control agency contact details.

These guides were funded by the Commonwealth Department of the Environment and Heritage and produced by the Weeds CRC in 2003/04.



Alligator weed (*Alternanthera philoxeroides*)

Athel pine (*Tamarix aphylla*)

Bitou bush (*Chrysanthemoides monilifera* ssp. *rotunda*)

Blackberry (*Rubus fruticosus* aggregate)

Boneseed (*Chrysanthemoides monilifera* ssp. *monilifera*)

Bridal creeper (*Asparagus asparagoides*)

Cabomba (*Cabomba caroliniana*)

Chilean needle grass (*Nassella neesiana*)

Gorse (*Ulex europaeus*)

Hymenachne (*Hymenachne amplexicaulis*)

Lantana (*Lantana camara*)

Mesquite (*Prosopis* spp.)

Mimosa (*Mimosa pigra*)

Parkinsonia (*Parkinsonia aculeata*)

Parthenium weed (*Parthenium hysterophorus*)

Pond apple (*Annona glabra*)

Prickly acacia (*Acacia nilotica*)

Rubber vine (*Cryptostegia grandiflora*)

Salvinia (*Salvinia molesta*)

Serrated tussock (*Nassella trichotoma*)

Willow (*Salix* spp.)

Alert List weed management guides

FREE  Available from the Weeds CRC

FREE  All available for download from www.weeds.crc.org.au/publications/weed_man_guides

The *Alert List for Environmental Weeds* provides detail for 28 non-native plants that threaten biodiversity and cause other environmental damage. Although only in the early stages of establishment, these weeds have the potential to seriously degrade Australia's ecosystems.

These guides are easy-to-read and provide details such as a description of the plant and its uses, current distribution in Australia and overseas, life-cycle information, herbarium locations, case studies and weed control agency contact details.

These guides were funded by the Commonwealth Department of the Environment and Heritage and produced by the Weeds CRC in 2003/04.

Barleria (*Barleria prionitis*)

Blue hound's tongue
(*Cynoglossum creticum*)

Cane needle grass
(*Nassella hyalina*)

Chinese rain tree
(*Koelreuteria elegans* ssp. *formosana*)

Chinese violet
(*Asystasia gangetica* ssp. *micrantha*)

Cutch tree
(*Acacia catechu* var. *sundra*)

Cyperus (*Cyperus teneristolon*)

False yellowhead
(*Dittrichia viscosa*)

Garden geranium
(*Pelargonium alchemilloides*)

Heather (*Calluna vulgaris*)

Holly leaved senecio
(*Senecio glastifolius*)

Horsetails (*Equisetum* species)

Karoo thorn (*Acacia karroo*)

Kochia (*Bassia scoparia*)

Lagarosiphon (*Lagarosiphon major*)

Laurel clock vine (*Thunbergia laurifolia*)

Leaf cactus (*Pereskia aculeata*)

Lobed needle grass (*Nassella charruana*)

Orange hawkweed (*Hieracium aurantiacum*)

Praxelis (*Praxelis clematidea*)

Rosewood (*Tipuana tipu*)

Senegal tea plant (*Gymnocoronis spilanthoides*)

Siam weed (*Chromolaena odorata*)

Subterranean Cape sedge (*Trianoptiles solitaria*)

Uruguayan rice grass (*Piptochaetium montevidense*)

White Spanish broom (*Cytisus multiflorus*)

White weeping broom (*Retama raetam*)

Yellow soldier (*Lachenalia reflexa*)



Best practice management guides

FREE  All available for download from www.weeds.crc.org.au/publications/weed_man_guides

These brochures were developed in 2000 by the Weeds CRC to assist in the management of these invasive weeds.

Bitou bush (*Chrysanthemoides monilifera* ssp. *rotundata*)

Blackberry (*Rubus fruticosus* aggregate)

Boneseed (*Chrysanthemoides monilifera* ssp. *monilifera*)

Bridal creeper (*Asparagus asparagoides*)

Broom (*Cytisus scoparius*)

Horehound (*Marrubium vulgare*)

St John's wort (*Hypericum perforatum*)



General guidelines



These guidelines lead you through a practical common sense approach to the weeds in your area, helping you to make the best decisions for your situation

Workshop proceedings

FREE  All available for download unless otherwise stated www.weeds.crc.org.au/publications/wshop_proceedings

Alligator weed research workshop



Proceedings from the alligator weed workshop held in Windsor, NSW, December 2002.

Arum lily (*Zantedeschia aethiopica*) workshop

edited by J Scott and B Wykes



Proceedings of a workshop held on Garden Island, WA, August 1997.

FREE  Available from the Weeds CRC

Biological control of wild radish

edited by A Maxwell and JK Scott



Proceedings of a workshop on pathogen-based biological control options for wild radish (*Raphanus raphanistrum*) held in Floreat, WA, March 2005. It includes a report on research priorities, selection criteria for the use of pathogens and genetic improvement of biological control agents for *Brassica* weeds.

Bitou bush workshop

edited and produced by R Holtkamp, R Groves and S Corey



Abstracts of a workshop held in Sydney, NSW, September 1997.

FREE  Available from the Weeds CRC

FREE  All available for download unless otherwise stated
www.weeds.crc.org.au/publications/wshop_proceedings

Broom management

edited by **AW Sheppard and JR Hosking**



Proceedings of a workshop held at Ellerston and Moonan, NSW, November 1998.

FREE  Available from the Weeds CRC

Emex australis biology, management and research

edited by **J Scott, D Bowran and S Corey**



Proceedings of a workshop held in Floreat, WA, December 1995.

Fleabane workshops

edited and produced by **S Walker, M Widderick and H Wu (2004)**

edited and produced by **S Walker, J Werth and M Widderick (2007)**



Two separate workshop proceedings held in Towoomba, Qld, February 2004 and February 2007.

Horehound workshop

edited and produced by **R Holtkamp, R Groves and S Corey**



Abstracts of a workshop held in Sydney, NSW, September 1997.

Precision weed management – in crops and pastures

edited by **RW Medd and JE Pratley**



Proceedings of a workshop held in Wagga Wagga, NSW, May 1998.

FREE  Available from the Weeds CRC
 No electronic version available

St John's wort: *Hypericum perforatum* L. integrated control and management

edited by **PW Jupp, DT Briese and RH Groves**



Proceedings of a workshop held in Canberra, ACT, November 1996.

Survey workshop

produced by **D Lemerle and S Corey**



Proceedings of a workshop held in Wagga Wagga, NSW, December 1995.

FREE  Available from the Weeds CRC

Thistle management

edited by **TL Woodburn, DT Briese and S Corey**



Proceedings of a workshop held in Canberra, ACT, June 1996.

Towards an integrated management system for blackberry

edited by **R Groves, J Williams and S Corey**



Proceedings of a workshop held in Albury, NSW, December 1997.

Weeds in the media



Weeds in the Media 2006 is a short seminar program for nursery and landscape industry leaders and specialist media personnel on issues concerning invasive garden plants including current and future research and technical issues, the role of the media and media support resources, state and federal laws, lists and regulatory frameworks and national policy directions.

Weeds of rainforests and associated ecosystems

edited by AC Grice and MJ Setter



Proceedings of a workshop held in Cairns, Qld, November 2002. A primary purpose of the workshop was to identify research needs in relation to weeds as a precursor to developing a research program as a collaboration between the Rainforest and Weeds CRCs.

FREE  Available from the Weeds CRC

Wild oats, annual ryegrass and vulpia

edited by P Dowling and R Medd



Proceedings of a workshop held in Orange, NSW, March 1996.

Wild radish workshops

produced by D Lemerle and S Corey (1996)

edited by A Cheam (2006)



Two separate publications:

A one day workshop on the integrated management of wild radish, held in Orange, NSW, March 1996.

A two day symposium on wild radish and other cruciferous weeds in cropping systems, held in Perth, WA, 2006.

FREE  Available from the Weeds CRC

General Weeds CRC products

Annual reports



Annual reports provide an overview of the performance of the Weeds CRC for each year, including achievements, ongoing research and new initiatives identified for the future.

FREE  Available from the Weeds CRC

FREE  www.weeds.crc.org.au/publications/annual_reports

Brochures

Herbicide resistance brochures



FREE  Available for download from

www.weeds.crc.org.au/publications/other_products

StubbleStar



Overview of 'StubbleStar', a new seed furrow opener that gives crops a competitive advantage over weeds.

FREE  www.weeds.crc.org.au/publications/talk_broch_post

Weeds CRC strategic plan



This plan looks at why weeds are a problem and the goals, outputs and benefits of the Weeds CRC.

FREE  Available from the Weeds CRC

FREE  www.weeds.crc.org.au/publications/talk_broch_post

General Weeds CRC products

What kind of Australia do you want to leave your children?



This easy-to-read brochure briefly outlines the weed problem in Australia, and the function of the Weeds CRC.

FREE  www.weeds.crc.org.au/publications/talk_broch_post

Newsletters

FREE  All available for download from www.weeds.crc.org.au/publications/other_products

Herbicide resistance newsletters (from Sept. 2002)



Weeding out the Burnett-Mary bulletins (from 2006)



Weed spotters' newsletters (from 2005)



Posters

FREE  All available for download from www.weeds.crc.org.au/publications/talk_broch_post

Major weeds of Fraser Island



Provides an overview of the weed problem on Fraser Island, how weeds are spread and what you can do.

Threatened species poster



Under pressure; Australian plants and animals threatened by invasive plants.

FREE  Available from the Weeds CRC

Weeds CRC poster



This poster provides an overview of the five research and education programs currently conducted by the Weeds CRC.

FREE  Available from the Weeds CRC

Reports

FREE  All available for download from www.weeds.crc.org.au/publications/other_products

Economic impact of state and local government expenditure on weed and pest animal management in Queensland (2006)



Garden plants under the spotlight (draft 1999)



South Australia – information and extension needs for managing environmental weeds (2004)



Weeds of significance to the grazing industries of Australia (2003)



Weeds of the future? Threats to Australia's grazing industries by garden plants (2006)



Survey

Economic assessment of environmental weeds in QLD (2003)



FREE



www.weeds.crc.org.au/publications/other_products

Talks

Green peril



This CD contains 20 short science talks, about invasive plants in Australia, professionally produced for radio broadcast.

FREE



Available from the Weeds CRC

Understanding herbicide resistance



A Power Point presentation which explains how herbicide resistance occurs.

FREE



www.weeds.crc.org.au/publications/talk_broch_post

Weeds CRC overview



A presentation which gives an overview of the Weeds CRC.

FREE



www.weeds.crc.org.au/publications/talk_broch_post

Weed Watch



www.weeds.crc.org.au/publications/weed_watch

Weed Watch, the newsletter of the Weeds CRC, is published three times per year. This newsletter highlights key breaking developments in the Weeds CRC across a wide range of areas from grain cropping to the protection of natural ecosystems.

To be added to our regular mailing list and receive either a hardcopy or an electronic version of Weed Watch, photocopy or cut out this page and complete the form below.



Name

Position

Organisation

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Tick the box(es) which best describes your position/interests in weeds

- Administration
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- Researcher
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- Education sector
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