

## 12. SPECIFIC GUIDELINES FOR GROUP J HERBICIDES

GROUP	J	HERBICIDE
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### Moderate resistance risk

Globally herbicide resistance to the Group J herbicide mode of action has been confirmed and documented in more than 10 weed species across more than 6 countries.

Group J resistance exists in Australia in 3 weed species including 2 populations of serrated tussock, 6 populations of Giant Parramatta grass and more than 50 populations of annual ryegrass that are confirmed resistant to Group J herbicides.

To assist in delaying the onset of resistance, where possible rotate or tank mix Group J herbicides with herbicides from other modes of action.

Use Group J herbicides at robust rates eg the maximum label rates to ensure high levels of weed control particularly when targeting annual ryegrass.

All the above recommendations should be read in conjunction with the [Integrated Weed Management \(IWM\) strategies](#)

GROUP J	Inhibitors of lipid synthesis (Not ACCase inhibitors)
<i>Benzofurans:</i>	ethofumesate (Tramat®)
<i>Chlorocarbonic acids:</i>	2,2-DPA (Dalapon®, Yates Onceyear Pathweeder®*, flupropanate (Frenock®)
<i>Phosphorodithioates:</i>	bensulide (Prefar®)
<i>Thiocarbamates:</i>	EPTC (Eptam®), molinate (Ordram®), pebulate (Tillam®), prosulfocarb (Arcade®, Boxer® Gold*), thiobencarb (Saturn®), triallate (Avadex®, Jetti Duo®*), vernolate (Vernam®)

\* ***This product contains more than one active constituent***

List of chemical families, approved active constituents and, in parenthesis, the trade name of the first registered product or successor. Refer to the APVMA website ([www.apvma.gov.au](http://www.apvma.gov.au)) to obtain a complete list of registered products from the PUBCRIS database.

This strategy is a guide only and does not endorse particular products, groups of products or cultural methods in terms of their performance. Always follow the product label for specific use instructions. While all effort has been taken with the information supplied in this document no responsibility, actual or implied, is taken for the day to day accuracy of product or active constituent specific information. Readers should check with the Australian regulator's (APVMA) product data base for contemporary information on products and actives. The data base can be sourced through [www.apvma.gov.au](http://www.apvma.gov.au). The information given in this strategy is provided in good faith and without any liability for loss or damage suffered as a result of its application and use.

Advice given in this strategy is **valid as at 22 June 2018**. All previous versions of this strategy are now invalid.

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