

Herbicide Resistance Management Strategies
Developed by the CropLife Australia Herbicide Resistance Management Review Group
Valid as at 25 June 2015

SPECIFIC GUIDELINE FOR GROUP D HERBICIDES

GROUP	D	HERBICIDE
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Moderate resistance risk

Resistance to Group D herbicides is known for an increasing number of populations of annual ryegrass and dense flowered fumitory. Resistance has generally occurred after 10 -15 years of use of Group D herbicides.

Where possible, avoid the use of Group D herbicides on dense ryegrass populations. Consider using alternative methods of weed control to reduce weed numbers before applying herbicides.

To assist in delaying the onset of Group D resistance, rotate with pre-emergent herbicides from other modes of action. For example: Group J or Group K.

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

GROUP D	Inhibitors of microtubule assembly
<i>Benzamides:</i>	propyzamide (Kerb [®])
<i>Benzoic acids:</i>	chlorthal (Dacthal [®] , Prothal ^{®*})
<i>Dinitroanilines:</i> (DNAs):	oryzalin (Rout ^{®*} , Surflan [®]), pendimethalin (Stomp [®]), prodiamine (Barricade [®]), trifluralin (Treflan [®])
<i>Pyridines:</i>	dithiopyr (Dimension [®])

* ***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) to obtain a complete list of registered products from the PUBCRIS database.

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Advice given in this strategy is valid as at **25 June 2015**. All previous versions of this strategy are now invalid.

Phone: 02 6230 6399 Email: info@croplife.org.au Fax: 02 6230 6355 Website: www.croplife.org.au