

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

SPECIFIC GUIDELINES FOR GROUP

GROUP	K	HERBICIDE
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Moderate resistance risk

Resistance to Group K herbicides is possible in Australia and may develop in broadacre or horticulture situations particularly in annual ryegrass.

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

Don't cut herbicide rates. Use Group K herbicides at robust rates eg the maximum label rates to ensure high levels of weed control particularly when targeting annual ryegrass.

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

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

CHEMICAL FAMILY	ACTIVE CONSTITUENT (FIRST REGISTERED TRADE NAME)
GROUP K	Inhibitors of cell division / Inhibitors of very long chain fatty acids (VLCFA inhibitors)
<i>Acetamides:</i>	napropamide (Devrinol [®])
<i>Chloroacetamides:</i>	dimethenamid (Frontier [®] -P, Outlook [®]), metolachlor (Boxer [®] Gold*, Dual [®] Gold, Primextra [®] Gold*), propachlor (Prothal [®] *, Ramrod [®])
<i>Isoxazoline:</i>	Pyroxasulfone (Sakura [®])

* ***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.

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