

16. SPECIFIC GUIDELINES FOR GROUP Q HERBICIDES

GROUP	Q	HERBICIDE
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Moderate resistance risk

Globally herbicide resistance to the Group Q herbicide mode of action has been confirmed and documented in 7 weed species across 4 countries.

Group Q resistance exists in Australia with 3 populations of annual ryegrass resistant to amitrole. This has only occurred in 3 populations and this type of resistance is rare in Australia.

To assist in delaying the onset of resistance, consider alternating Group Q herbicides with herbicides from other modes of action for example. (Group L) eg paraquat, (Group N) eg glufosinate or (Group M) eg glyphosate.

Consider using alternative methods of weed control to reduce weed numbers before applying herbicides.

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 Q	Bleachers: Inhibitors of carotenoid biosynthesis unknown target
<i>Isoxazolidinones:</i>	clomazone (Altiplano ^{®*} , Command [®])
<i>Triazoles:</i>	amitrole (Alliance ^{®*} , Amitrole [®] , Brunnings RTU Pathweeder ^{®*} , Illico ^{®*} , Firestorm ^{®*} , Yates Onceyear Pathweeder ^{®*} ,)

* ***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 22 June 2018**. All previous versions of this strategy are now invalid.

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