

## 9. SPECIFIC GUIDELINES FOR GROUP F HERBICIDES

GROUP	F	HERBICIDE
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### Moderate resistance risk

Globally herbicide resistance to the Group F herbicide mode of action has been confirmed and documented in 4 weed species across 3 countries.

Group F resistance exists in Australia in 2 weed species including more than 1,000 populations of wild radish and more than 50 populations of Indian hedge mustard. Resistance has generally occurred after a long history of use of Group F herbicides. The number of populations with Group F resistance is increasing following increased use of these herbicides.

Avoid applying Group F herbicides in any two consecutive years unless one application is a mixture with a different mode of action that is active on the same weed, or a follow up spray is conducted (using a different mode of action) to control escapes. Always use the label rate of herbicide whether or not a single active ingredient (eg. Diflufenican) or combinations of active ingredients are applied (eg. Diflufenican/MCPA, picolinafen/MCPA), apply to weeds at the labeled growth stage and ensure that no weeds set and shed viable seed. Control survivors to prevent seed set with a herbicide with a different Mode of Action to Group F or use another weed management technique.

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

GROUP F	Bleachers: Inhibitors of carotenoid biosynthesis at the phytoene desaturase step (PDS inhibitors)
<i>Pyridazinones:</i>	norflurazon (Solicam®)
<i>Pyridinecarboxamide:</i>	diflufenican (Brodal®, Gangster®*, Jaguar®*, Spearhead®*, Tigrex®*, Triathlon®*, Yates Pathweeder®*), picolinafen (Eliminar C®*, Flight®*, Paragon®*, Sniper®)

\* ***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.

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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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