

# Crop Care Advice for 2011 Winter Broadacre Crops

6 May 2011

**T**HIS autumn, broadacre croppers need look no further than Crop Care Australasia's suite of quality post-emergent herbicides for fast, effective and early control of important grass and broadleaf weeds.

Crop Care business manager Doug Nuttall: "There isn't really a crop or market that we haven't covered. Crop Care's herbicide package provides a solution to the majority of weed problems in winter cereal, oilseed and grain legume crops.

"Our wide range of grass herbicides can assist with herbicide-resistance management, providing both DIM and FOP chemistry, plus we have a broad range of effective broadleaf weed controls for a range of crops and situations.

"Winter crop growers would already be aware of Crop Care's three established, value-for-money, fast-acting post-emergent herbicides – Achieve, Factor and Affinity Force.

"Used early in the life of a winter crop, these herbicides have proven their worth in increasing the potential for a higher-yielding, profitable crop.

"In addition to these benchmark products, Crop Care is also offering Exert and Havoc for control of grasses in oilseed and grain legume crops; Polo 570 for broadleaf weeds in winter cereals; Thistle-Killem 750 and Jab for broadleaf weed control in both cereal and oilseed crops; and Tomahawk for both grass and broadleaf weed control in oilseed and cereal crops."

## For controlling grasses in winter cereals

**Achieve WG** \* (DIM chemistry) – the value-for-money Group A benchmark for controlling problem grasses in winter cereals – has an exceptional performance history, shutting down growth of annual ryegrass and wild oats, and suppressing phalaris within 48 hours of application.

Long-term Australian trials with Achieve show a massive 78% improvement in cereal crop yield by controlling annual ryegrass, and 72% yield improvement by controlling wild oats – compared with untreated crops.

Critical in potentially showery, wet autumn conditions, Achieve is rapidly absorbed by target weeds, and is rainfast in 30 minutes.

## For controlling grasses in winter oilseed and grain legume crops

**Factor WG** \*(DIM chemistry) – for quick annual ryegrass control in broadleaf crops – is widely regarded as having the best resistance profile of any Group A chemistry for annual ryegrass. Factor can be mixed a FOP herbicide such as Exert 520 to broaden the weed spectrum in pulse and legume crops.

**Exert 520** \* (FOP chemistry) – a Group A herbicide for use in winter grain legume, oilseed and lucerne crops – provides post-emergent control of a wide spectrum of annual and perennial grass weeds. It is also registered for use in Clearfield crops.

**Havoc** \* (DIM chemistry) – another Group A herbicide – controls certain grass weeds including annual ryegrass, phalaris, barley grass, brome grass, wild oats and volunteer cereals in winter oilseed and grain legume crops. Havoc is compatible with a number of grass herbicides including Exert 520.

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## For controlling broadleaf weeds in cereals

**Affinity Force** (Group G) provides early post-emergent control of some of Australia's most difficult broadleaf weeds in winter cereal crops, including wild radish, bifora (carrot top), marshmallow, and cleavers (bedstraw).

A Group G with no residual soil activity, Affinity Force is ideal in cereal/legume rotations, and provides an excellent rotation option for managing herbicide-resistant broadleaf weeds.

In winter cereals, Affinity Force should always be tank mixed with an MCPA amine. In trial work with a tank mix of Affinity Force and the MCPA amine Thistle-Killem – providing dual-action (Group G and I) – the speed and level of weed control led to a significant yield response in the cereal crop, due to reduced weed competition in the critical early period of the crop's life.

**Polo 570 LVE** (Group I) – an MCPA ester, with higher strength but low volatility for grower safety – controls certain broadleaf weeds and thistles in winter cereals.

## For controlling broadleaf weeds in both cereal and oilseed crops

**Thistle-Killem** – Crop Care's straight MCPA (Group I) – selectively controls broadleaf weeds and thistles in cereals, rice, peas and linseed.

**Jab 242** – an MCPA/picloram mix (Group I) – controls broadleaf weeds including climbing buckwheat, sow thistle, skeleton weed, capeweed, double gee, wild radish, wild turnip in winter cereal and linseed crops.

**Tomahawk** (Metribuzin, Group C) adds some residual control of some grasses – as well as broadleaf weeds – in barley, wheat, and some pulse and vegetable crops. Crop Care currently has an application before the APVMA to allow the use of Tomahawk, Diurex or Dicamba as a tank-mix partner with Affinity Force+MCPA for improved weed control in various situations.

\* For maximum herbicide efficacy, Crop Care recommends always adding the adjuvant Supercharge to Achieve WG, Factor WG, Havoc and Exert 520.

### For More Information:

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