Wheat cultivars response to herbicides in the Northern Region 1999-2015

From 2009-15 NVT retention lines and selected cultivars were screened in preliminary trials at higher than recommended herbicide rates and at wider row spacings but at same plant population as the other screening trials. In 2012 a split plot with the same row spacing and plant populations as standard trials were used.

The results for named cultivars are included in the following table but will be incorporated into the main table as more data becomes available.

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<td>Ally + MCPA LVE</td>
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The sensitivity of the variety is summarised, using the following symbols based on the yield responses across all trials:

- no significant yield reductions at a higher than recommended rate in (x) trials but not screened at a recommended rate
- (narrow margin) significant yield reductions at a higher than recommended rate in (y) trials, but not screened at a recommended rate

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<td>48 g</td>
<td>Ally + MCPA LVE</td>
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<td>135/1,5L</td>
<td>1.5L</td>
<td>600 L</td>
<td>400 L</td>
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Crop stage at sprayer:
- 5-6 leaf + 2-4 tiller
- 5-6 leaf + 2-4 tiller
- 5-6 leaf + 2-4 tiller
- 5-6 leaf + 2-4 tiller
- 5-6 leaf + 2-4 tiller
<table>
<thead>
<tr>
<th>Herbicide</th>
<th>Hotshot</th>
<th>Husker CD</th>
<th>MCPA LVE</th>
<th>SG(50)</th>
<th>Sterane</th>
<th>Advanced</th>
<th>Topk 24(4EC)</th>
<th>Tordon 242</th>
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<tr>
<td><strong>Years Listed</strong></td>
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- Chana 2010 E ✓(1) N(1/1) - ✓(1) ✓(1) ✓(1)
- Clearfield Jezz 2008, 2011 DE ✓(1) ✓(2) ✓(1) ✓(1) N(1/1) ✓(1)
- Cobalt 2014 E ✓(1) ✓(1) ✓(1) ✓(1) ✓(1) ✓(1)
- DVA Aurora 2012-2014 D ✓(3) ✓(3) ✓(3) N(1/3) ✓(3) ✓(3)
- DVA Littoral 2012-2015 D N(1/4) N(1/4) ✓(4) ✓(4) ✓(4) ✓(4)
- EGA Bounty 2009 E - ✓(1) - - - -
- EGA Eaglehawk 2010 E ✓(1) ✓(1) - ✓(1) ✓(1) ✓(1)
- EGA Kalman 2009 E - ✓(1) - - - -
- EGA Stemple 2009 E - ✓(1) - - - -
- Enmore CL Plus 2012-2013 D ✓(2) ✓(2) ✓(2) ✓(2) N(1/2) ✓(2) ✓(2)
- Formel 2012-2013 D ✓(2) ✓(2) ✓(2) ✓(2) ✓(2) ✓(2) ✓(2)
- Gascogne 2011-2013 D ✓(3) N(1/3) ✓(3) N(1/3) N(1/3) ✓(3)
- GBA Ruby 2009 E - ✓(1) - - - -
- Gladus 2009 E - ✓(1) - - - -
- Hyperno 2009 E - ✓(1) - - - -
- Jali 2015 D ✓(1) ✓(1) ✓(1) ✓(1) ✓(1) ✓(1)
- Jandaru 2009-2014 DE ✓(2) N(1/2) ✓(4) N(1/2) N(1/2) ✓(4)
- Kora 2013-2014 D ✓(2) ✓(2) ✓(2) ✓(2) ✓(2) ✓(2)
- LRBP Beaufort 2009 E - ✓(1) - - - -
- LRBP Cobra 2009 E - ✓(1) - - - -
- LRBP Crusader 2009 E - ✓(1) - - - -
- LRBP Decole 2009 E - ✓(1) - - - -
- LRBP Dart 2011-2012 D ✓(2) N(1/2) ✓(2) N(1/2) ✓(2) ✓(2)
- LRBP Planter 2011 D ✓(1) ✓(1) ✓(1) ✓(1) ✓(1) ✓(1)
- LRBP Sebright 2010-2012 DE ✓(2) N(1/2) ✓(2) ✓(2)
- LRBP Gazelle 2010-2012 DE ✓(3) N(2/3) N(1/2) ✓(3) N(1/2) ✓(3)
- LRBP Horsetail 2009 E - ✓(1) - - - -
- LRBP Impala 2010-2011 DE ✓(2) N(1/2) ✓(1) ✓(2) N(1/2) ✓(2)
- LRBP Lancer 2012-2014 D ◼(3) ✓(3) N(1/2) ◼(3)
- LRBP Lincoln 2009 E - ✓(1) - - - -
- LRBP Merlin 2010-2012 DE ◼(2) N(1/2) ◼(2) N(1/2) ◼(2)
- LRBP Orton 2010-11 DE ◼(2) N(1/2) N(1/1) ◼(2) N(1/2) ◼(2)
- LRBP Saphire 2008-2010, 2011-14 DE ◼(2) N(1/2) ◼(2) ◼(3) N(1/2) ◼(3)
- LRBP Viking 2013-2014 D ◼(2) ◼(2) ◼(2) ◼(2) ◼(2) ◼(2)
- Merindra 2009 E - ✓(1) - - - -
- Mitch 2012-2014 D ◼(3) N(1/2) ◼(3) N(1/2) ◼(3)
- Mesapone 2009 E - ✓(1) - - - -
- Penne 2013 D ✓(1) ✓(1) ✓(1) ✓(1) ✓(1) ◼(1)
- DAL2000 2011 D ✓(1) N(1/1) ✓(1) ✓(1) ✓(1) N(1/1) ✓(1)
- Rollini 2015 D ◼(1) N(1/1) ✓(1) ✓(1) ✓(1) ◼(1)
- Sentrel 2009 E - ✓(1) - - - -
- SGP Raven 2010 E ✓(1) N(1/3) ✓(1) ✓(1) ✓(1) ✓(1)
- Snel 2015 D ✓(1) ✓(1) ✓(1) ✓(1) ✓(1) ✓(1)
- Strakelji 2009 E - ✓(1) - - - -
- Sungard 2009-2011 DE ◼(2) N(1/2) ✓(1) ◼(2) N(1/2) ◼(2)
- Sumanto 2013 D ◼(1) ◼(1) ◼(1) ◼(1) ◼(1) ◼(1)
- Surin 2008-2012 D ◼(2) N(1/2) ◼(2) ◼(3) N(1/2) ◼(3)
- Summate 2013-2014 D ◼(2) ◼(2) ◼(2) ◼(2) ◼(2) ◼(2)
- Sumact 96 2009 E - ✓(1) - - - -
- Sunieme 2013-2015 D ◼(3) ◼(3) ◼(3) ◼(3) ◼(3) ◼(3)
- Sundop 2011-2012 D ◼(3) ◼(3) N(1/3) ◼(3)
- Sunsell 2009 E - ✓(1) - - - -
- Terfor 2015 D ✓(1) ✓(1) ✓(1) ✓(1) ✓(1) ✓(1)
- Tjuki 2009-2011 E ✓(2) N(1/3) ✓(2) ✓(2) ✓(2) ✓(2)
- Ventare 2009 E - ✓(1) - - - -
- Weaagen 2009 E - ✓(1) - - - -
- Wikulp 2011-2012 D ◼(2) ◼(2) ◼(2) ◼(2) ◼(2) ◼(2)
- WCD202 2009-2011 DE ◼(2) ◼(3) ◼(1) ◼(2) ◼(3) ◼(2)
- Yamba 2012 D ✓(1) ✓(1) ✓(1) ✓(1) ✓(1)
- Zebu 2009 E - ✓(1) - - - -
- Zulu 2009 E - ✓(1) - - - -

**Rates (products):**
- 1.5 L 200 mL 1.5L/1L 1.2 L 170 mL 2 L

Crop stage at application:
- 5-6 leaf + 2-4 tiller
- 5-6 leaf + 2-4 tiller
- 5-6 leaf + 2-4 tiller
- 5-6 leaf + 2-4 tiller
- 5-6 leaf + 2-4 tiller
- 5-6 leaf + 2-4 tiller

**DISCLAIMER:** While every care has been taken in preparing this publication, the organisations involved accept no responsibility for decisions or actions taken as a result of any data or interpretation contained in this report.

The use of unregistered herbicides may result in the loss of crop insurance. It is illegal to sell or use registered herbicides for unregistered or non-registered crops. It is illegal to sell or use registered herbicides for non-registered crops or for any crops for which they are not registered.

All herbicide applications must accord with the currently registered label for that particular herbicide, crop, weed and region.