

<b>Tulla</b>	1825	115*
<b>Doolup</b>	1791	113*
<b>Flagship</b>	1788	112*
<b>WABAR2319</b>	1776	112*
<b>Barque</b>	1763	111*
<b>Schooner</b>	1727	109*
<b>WABAR2317</b>	1686	106
<b>Mundah</b>	1676	105
<b>Molloy</b>	1673	105
<b>Buloke</b>	1637	103
<b>Maritime</b>	1620	102
<b>Stirling</b>	1591	100
<b>Hamelin</b>	1533	96
Barley Mean	1848	
Barley Av. SED	80	
Barley CV.	5.3	

\* = significant (p=0.05).

Adjusted Yield data. Percentages are of Stirling as control.

*Report as at 12:44:52 30 JAN 2006 analysis as at 16 JAN 2006.*

#### GROWER OBSERVATIONS

- The high nitrogen rates caused the plants to burn off in early August.
- Grain fill of earlier season varieties was affected by frost damage.

## STAGE 3 TRITICALE VARIETY TESTING

Jennifer Garlinge, Department of Agriculture, South Perth



#### AIM

Evaluate new and existing triticale varieties.

#### TRIAL DETAILS

<b>Property</b>	Bob Nixon, Kalannie
<b>Registered Trial Number</b>	05WH67
<b>Soil group</b>	Undefined. Soil pH (CaCl <sub>2</sub> ) 4.9 @ 10cm. 4.4 @ 30cm
<b>Sowing date</b>	13 <sup>th</sup> May 2005
<b>Seeding rate</b>	Triticale @ 75 kg/ha
<b>Fertiliser (kg/ha)</b>	13 <sup>th</sup> May: Agras #1 @ 140 kg/ha 28 <sup>th</sup> June: Urea (46%) @ 54 kg/ha
<b>Paddock rotation</b>	2004 = Lupins, 2003 = Wheat, 2002 = Wheat, 2001 = Broadleaf & Clover Pasture, 2000 = Wheat
<b>Herbicides</b>	13 <sup>th</sup> May: Trifluralin X @ 1.5 L/ha, SpraySeed 250 @ 2 L/ha 14 <sup>th</sup> June: Jaguar @ 1 L/ha, Lontrel L @ 250 mL/ha, Jaguar @ 1 L/ha

**RESULTS**

<b>Test name</b>	<b>Grain (kg/ha)</b>	<b>(%)</b>
<b>Tickit</b>	2041	112*
<b>Muir</b>	1939	106*
<b>Credit</b>	1840	101
<b>Tahara</b>	1823	100
<b>Prime-322</b>	1778	98
<b>Everest</b>	1768	97
<b>Speedee</b>	1619	89*
<b>Speedee</b>	1603	88*
Triticale Mean	1864	
Triticale Av. SED	52	
Triticale CV.	3.4	

\* = significant (p=0.05).

Adjusted Yield data. Percentages are of Tahara as control.

**COMMENTS**

Pre Sowing comment: Good moisture. Small amount of Capeweed and Lupins.

Early Season comment: Dry period after emergence. Some Lupins present and a small amount of Radish.

Mid Season comment: Dry periods and frosts.

Pre Harvest comment: Severe Frosts during grain fill effected earlier maturing lines.

*Report as at 12:45:16 30 JAN 2006 analysis as at 23 JAN 2006.*