Yambla	1686	103
Hamelin	1681	103
Stirling	1630	100
Capstan	1616	99
Schooner	1573	97
Barley Mean	1807	
Barley Av. SED	87	
Barley CV.	5.9	

* = significant (p=0.05).
Adjusted Yield data. Percentages are of Stirling 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 12:44:54 30 JAN 2006 analysis as at 16 JAN 2006.

EARLY MATURING BARLEY - STAGE 3 AND 4

Jennifer Garlinge, Department of Agriculture, South Perth

AIM

Evaluate new and existing early maturing barley varieties.

TRIAL DETAILS

Property	Bob Nixon, Kalannie
Registered Trial Number	05WH54
Soil group	Undefined. Soil pH (CaCl2) 4.9 @ 10cm. 7.1 @ 30cm
Sowing date	14th May 2005
Seeding rate	Barley @ 50 kg/ha
Fertiliser (kg/ha)	14th May: Agras #1 @ 140 kg/ha 28th June: Urea (46%) @ 54 kg/ha
Paddock rotation	2004 = Wheat, 2003 = Wheat, 2002 = Broadleaf & Clover Pasture, 2001 = Barley, 2000 = Wheat.
Herbicides	4th May: Wipeout 450 @ 1.2 L/ha, 14th May: Trifluralin X @ 1.5 L/ha, SpraySeed 250 @ 2.4 L/ha 27th April: Baytan C 150 g/L / Triadimenol 200 g/L / Cyper @ 1.5 m/kg 14th June: Jaguar @ 1 L/ha, Lontrel L @ 250 mL/ha

RESULTS

Test name	Grain (kg/ha)	(%)
Gairdner Plus	2221	140*
Dash	2041	128*
Gairdner	1946	122*
Baudin	1944	122*
WABAR2312	1893	119*
WABAR2175	1871	118*
WABAR2315	1851	116*

Tulla	1825	115*
Doolup	1791	113*
Flagship	1788	112*
WABAR2319	1776	112*
Barque	1763	111*
Schooner	1727	109*
WABAR2317	1686	106
Mundah	1676	105
Molloy	1673	105
Buloke	1637	103
Maritime	1620	102
Stirling	1591	100
Hamelin	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

Property	Bob Nixon, Kalannie
Registered Trial Number	05WH67
Soil group	Undefined. Soil pH (CaCl2) 4.9 @ 10cm. 4.4 @ 30cm
Sowing date	13th May 2005
Seeding rate	Triticale @ 75 kg/ha
Fertiliser (kg/ha)	13th May: Agras #1 @ 140 kg/ha 28th June: Urea (46%) @ 54 kg/ha
Paddock rotation	2004 = Lupins, 2003 = Wheat, 2002 = Wheat, 2001 = Broadleaf & Clover Pasture, 2000 = Wheat
Herbicides	13th May: Trifluralin X @ 1.5 L/ha, SpraySeed 250 @ 2 L/ha 14th June: Jaguar @ 1 L/ha, Lontrel L @ 250 mL/ha, Jaguar @ 1 L/ha