

AH/APW WHEAT VARIETY TRIAL - WATHEROO

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AIM

Evaluation of new and existing wheat varieties classified as AH or APW.

BACKGROUND

Crop variety testing is the end evaluation of breeder lines prior to release. The crop variety program leads into the National Variety Testing program.

TRIAL DETAILS

Property	Brian Stacy, Watheroo
Soil type	Loamy duplex
Sowing date	26/6/07
Seeding rate	75 kg/ha
Fertiliser (kg/ha)	26/6/07: 80 kg/ha Agstar Extra
Paddock rotation	2003 = Lupins, 2004 = Wheat, 2005 = Wheat, 2006 = Lupins
Herbicides	26/6/07: 1.5 L/ha Treflan
	26/6/07: 1.5 L/ha Sprayseed
	31/7/07: 1.5 L/ha Hoegrass
	31/7/07: 0.6 L/ha Jaguar
	31/7/07: 5 g/ha Ally
	31/7/07: 150 mL/ha Lontrel L
	4/9/07: 10 g/ha Logran

RESULTS

Table 1: Yield and yield as a percentage of control of wheat varieties at Watheroo.

Variety	Yield (kg/ha)	% of Control (Wyalkatchem)
WAWHT2838	1886	110*
Reeves	1836	107*
WAWHT2981	1836	107*
WAWHT2971	1833	107*
WAWHT2960	1824	106*
Westonia	1807	105*
WAWHT2975	1794	104
WAWHT2976	1789	104
WAWHT2952	1784	104
EGA Bonnie Rock	1779	104
Correll	1778	103
Tammarin Rock	1777	103
WAWHT2974	1769	103
WAWHT3017	1764	103
WAWHT2977	1761	102
WAWHT2836	1747	102
WAWHT2973	1737	101
Wyalkatchem	1719	100
Carnamah	1682	98
WAWHT2972	1681	98
WAWHT3018	1669	97
Yitpi	1665	97
WAWHT2979	1658	96
WAWHT3016	1658	96
Spear	1652	96
WAWHT2886	1639	95*
WAWHT2980	1626	95*
EGA Blanco	1624	94*
WAWHT3026	1625	95*

Kennedy	1620	94*
WAWHT2885	1618	94*
WAWHT3019	1613	94*
Brookton	1582	92*
WAWHT2750	1572	91*
Cadoux	1567	91*
WAWHT2982	1564	91*
WAWHT2978	1560	91*
Magenta	1540	90*
Cascades	1536	89*
WAWHT2793	1530	89*
Nyabing	1489	87*
WAWHT3013	1445	84*
* = Significant (P=0.05)		
Wheat Mean	1682	
Wheat Ave SED	86	
Wheat CV.	4.1	

COMMENTS

NOTE: Wimmera Rye Grass. Score 6 (Early season (01 JUN)). 1 (Mid season (17 SEP)).

NOTE: DROUGHT Score 5 (Mid season (17 SEP)).

NOTE: Radish. Score 6 (Early season (01 JUN)). 1 (Mid season (17 SEP)). 2 (Pre harvest (01 NOV)).

CONTACT

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