

# Wheat on Acid Soils Variety Trial

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**Aim:** Further testing of future and existing wheat lines on acid soils.

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**Farmer:** Bob Nixon  
**Location:** Kalannie

## Trial Details:

Sowing date	8 <sup>th</sup> June 2004
Seeding rate	50 kg/ha
Fertiliser	8 <sup>th</sup> June: Agras #1 @ 150 kg/ha 19 <sup>th</sup> July: Urea @ 50 kg/ha
Rotation	2003 = medic and grasses pasture, 2002 = medic and grasses pasture, 2001 = wheat
Sprays	5 <sup>th</sup> June: Wipeout 450 @ 1.2 L/ha 8 <sup>th</sup> June: Trifluralin 400 @ 800 mL/ha, Sprayseed @ 2 L/ha 27 <sup>th</sup> July: Jaguar @ 1 L/ha, Lontrel L @ 150 mL/ha 31 <sup>st</sup> August: Tilt 250 @ 500 mL/ha

## Results:

Test name	Grain kg/ha	%
Reeves	1302	122*
WAWHT2524	1214	114*
Westonia	1210	113*
Westonia	1207	113*
EGABonnieR	1154	108
Drysdale	1080	101
Wyalkatchem	1069	100
Arrino	1066	100
Spear	1051	98
WAWHT2499	1049	98
Calingiri	1035	97
EGAJitarng	1020	95
Nyabing	1005	94
Brookton	969	91
Machete	969	91
Nyabing	958	90
Perenjori	956	89
BT-Schmbrk	943	88*
Rees	943	88*
GBARuby	910	85*

EGABlanco	892	83*
EGAEagleRk	892	83*
Cadoux	886	83*
Bowerbird	824	77*
EGAHume	738	69*
Carnamah	716	67*
GBAShenton	685	64*
Mitre	670	63*
Giles	637	60*
Cascades	630	59*
Goroke	304	57*
Schomburgk	595	56*
EGACastleR	588	55*
GBASapphire	588	55*
Ellison	522	49*
Annuello	496	46*
Wedgetail	364	34*

\* = significant ( $p=0.05$ ). Wheat mean = 914, Wheat Av.SED = 45, Wheat CV. = 6.0  
Adjusted data. Percentages are of Wyalkatchem as control.

#### **Summary:**

- There was significant rain in early April.
- The paddock was cultivated wet at the time of seeding.
- Seeding was delayed due to seed supply problem.
- There were some dry periods but adequate rainfall overall. Some frosts occurred in July/August.
- Main weed problem was radish.

*Report as at 12:52:14 11 JAN 2005 analysis as at 06 JAN 2005.*