

ABSTRACT

Given an early planting date, with a very warm and dry May and mild September, the long season varieties Calingiri and Magenta ultimately were the highest yielding and highest earning varieties.

BACKGROUND AND AIM

Assess the yield and quality attributes and subsequent gross margin returns for 7 commonly grown wheat varieties.

TRIAL DETAILS

Property	<i>Nino and Paul Messina, Bindu Farms, Eradu</i>
Soil type	<i>Eradu sand</i>
Crop & Variety	<i>Wheat</i>
Treatments:	<i>Site sprayed with 1L Lorsban, 1.5L Triflur 480, 118g sakura, 50g Logran B-Power Post Spray – Nil. Mouseoff 20kg/ha x 2</i>
Replicates:	<i>3 reps</i>
Sowing date	<i>Planted 3rd May into moist soil, rainfall received 2-3 days later which emerged all plots</i>
Seeding rate	<i>75kg/ha</i>
Fertiliser (kg/ha)	<i>125kg Super Potash 3:1 spread in March + 50kg MacroPro Extra banded, no post-em N. 4.9N, 14.1P, 21.1K, 15S.</i>
Paddock rotation	<i>2011 lupins, 2010 wheat</i>
Growing Season Rainfall	<i>Apr to Oct 250 mm</i>

OBSERVATIONS

KING ROCK fell in a hole early, ran up quickly and often looked very heat and moisture stressed

LONGREACH COBRA did not handle a dry year. It did not appear robust or durable in a dry warm season.

CORACK and MACE handled drought stress well

CALINGIRI and MAGENTA looked the most durable and robust all year. CALINGIRI again proved very adaptable.

RESULTS

Table 1 : Harvest and Grain Quality Results

		%	weight	%	%	Yield	grain value
Treatment	grade	screenings	kg/hL	protein	wyalkatchem	t/ha	\$/ha
Calingiri	ANW2	2.4	79.1	14	132	1.86	654
Magenta	APW2	1.7	81.3	13.4	119	1.69	578
Corack	APW2	1.5	81.1	12.3	113	1.61	551
Mace	H2	1.5	81.4	12.8	103	1.45	510
Wyalkatchem	APW2	2.5	82.4	12.3	100	1.42	486
Cobra	H1	4.6	80.8	13.4	98	1.39	489
King Rock	H1	3.5	80.0	13.6	93	1.32	464
				LSD 0.01	15	0.20	
				LSD 0.05	11	0.14	
				CV		5.30	

TECHNICAL SUPPORT

Darren Chitty – R & D Agronomist, Landmark Northam

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CBH

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Landmark





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