

UDON NOODLE WHEAT VARIETY TRIAL - MARCHAGEE

Crop Variety Testing Program, Department of Agriculture and Food, WA



Department of
Agriculture and Food



AIM

Evaluation of new and existing wheat varieties with AH and APW classification.

BACKGROUND

Crop variety testing is the end evaluation of breeder lines prior to release.

TRIAL DETAILS

Property	Clint, Ian and Helen Hunt, Marchagee
Plot size & replication	20m x 1.54m x 3 replicates
Soil type	Loamy gravel
Sowing date	16/5/08
Seeding rate	75 kg/ha
Fertiliser	16/5/08: 100 kg/ha Agstar Extra, 40 kg/ha Urea
Paddock rotation	2004 = Wheat, 2005 = Brown manured pasture, 2006 = Wheat, 2007= Canola
Herbicides, Insecticides & Fungicides	15/5/08: 1 L/ha Roundup 16/5/08: 200 mL/ha Dominex, 100 mL/ha Talstar, 1.5 L/ha Treflan 12/6/08: 1 L/ha Jaguar, 200 mL/ha Lontrel
Growing Season Rainfall	324mm

RESULTS

Table 1: Yield and percentage of control (Calingiri) of wheat varieties sown at Marchagee.

Variety	Yield (kg/ha)	% of Control (Calingiri)
IGW3196	4556	116*
IGW3158	4445	113*
IGW3160	4429	113*
IGW3159	4418	113*
IGW3161	4385	112*
IGW3156	4365	111*
IGW3194	4351	111*
IGW3164	4336	111*
IGW3191	4307	110*
IGW3195	4285	109*
Reeves	4275	109*
Wyalkatchem	4267	109*
Arrino	4259	109*
IGW2944	4258	109*
Fortune	4216	108*
IGW3157	4204	107*
IGW3193	4184	107
IGW2945	4180	107
IGW3163	4166	106
Binnu	4164	106
IGW3124	4152	106
Brookton	4144	106
IGW3192	4127	105
IGW2939	4122	105
IGW3162	4083	104
IGW3098	4009	102
Yandanooka	3960	101
Calingiri	3920	100
IGW2770B	3898	99
Kennedy	3880	99
Kulin	3748	96
IGW2193	3711	95
Cadoux	3550	91*

Variety	Yield (kg/ha)	% of Control (Calingiri)
* = Significantly different (P=0.05)		
Wheat Mean	3504	
Ave SED	153	
Wheat CV	5.4	

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