

1998 LONG SEASON BARLEY VARIETY TRIAL

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Sites: Gnarwarre, Hamilton, Streatam

These results relate to the trial printed on page 7 of the *1998 Field Day Book*.

RESULTS

t/ha	Gnarwarre		Streatham		Hamilton	
	yield mean	%trial t/ha	yield mean	%trial t/ha	yield mean	%trial
TANTANGARA	4.9	117.8	3.4	94	3.9	76
WB219	4.7	112.6	4.2	116	4.5	89
WB221	4.5	108.4	3.6	100	5.0	98
SKIFF	4.3	104.4	3.2	88	3.6	71
88S28*1-1	4.2	101.6	2.7	74	3.6	71
YERONG	4.1	98.5	3.6	100	6.9	135
82S:505	4.1	97.8	3.4	94	5.3	105
WB217	4.0	97.3	3.6	101	5.1	101
FRANKLIN	3.9	94.2	3.9	109	5.9	117
GAIRDNER	3.8	92	3.8	105	5.6	110
WB220	3.8	91.2	4.5	124	6.7	132
FITZGERALD	3.5	84.1	3.5	96	4.8	94
mean:	4.1		3.6		5.1	
C.V	18		8.6		3.9	
SED	0.61		0.27		0.17	
LSD	1.26		0.56		0.37	

MALTING VARIETIES

Current: Franklin, Parwan

Potential New: WABAR2030- Fitzgerald WABAR2034- Gairdner

FEED

Current: Brindabella, Onslow, Skiff, Tantararra

Potential New: 82sm:505

As demonstrated by the yields of the varieties barley had quite a good season in the Southwest. The Long Season Barley Variety trial incorporates both feed and malting varieties which are selected to have a late maturity period as this suits the high rainfall growing season in the South West. Frost damage to the barley varieties at the three sites was minimal because of their maturity stage.

100 kg/ha of D.A.P was applied at sowing

Sowing Dates Gnarwarre: 26/05/98, Streatham: 06/05/98, Hamilton: 15/05/98.