

3.5.7 LONG SEASON BARLEY (VICTORIA)

Researcher: Angela Clough, Ballarat DPI

Co-operators: Gnarwarre (Gnarwarre SFS),
Lake Bolac (Streatham site),
Strathkellar for wheat and Tabor
for canola, barley and oats
(Hamilton site).



Department of
Primary Industries

Table 52: Long Season Barley Results Grain Yield

	Gnarwarre	Hamilton	Streatham
Sown:	3 June	20 June	11 June
Site mean:	5.57	7.55	4.23
Coefficient of Var	8.3	8.8	7.0
Average LSD:	15	15	14
Gairdner t/ha	5.25	7.40	4.39

	% Gairdner		
	Gnarwarre	Hamilton	Streatham
DASH	106	96	115
FRANKLIN ²⁷	108	109	83
GAIRDNER ²⁷	100	100	100
NZ93010-41	108		
NZ93021-49	108		
SHERWOOD	110		
TAS96-59	107	116	87
VB0021	105	92	82
VB9926	99	98	102
BAUDIN ²⁸	96	101	98
WABAR2147	104	98	99
WB236	101	96	84
WB238	116	109	83
WI3396	106	96	87
WI3584	109	101	100
WI3586	117	100	120
WRHV2281		106	
YAMBLA	114	113	108

Findings:

Gairdner is still a very difficult variety to beat in terms of yield and quality. Waite Institute line WI3586 yielded significantly higher than Gairdner at Gnarwarre and Streatham. Malting quality testing will continue in 2003 for VB0021, VB9926, WB236 and WB238. Baudin, the newly released variety from Department of Agriculture in WA, will not be available in the eastern States until 2004. Baudin is more susceptible to disease than Gairdner and did not yield any higher than Gairdner in the 2002 season. Its application in Victoria appears to be limited.

²⁷ Plant Breeder's Rights Apply.

²⁸ Baudin = WABAR2080

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