

BARLEY VARIETY DEMONSTRATION – UNGARIE 2008

Cooperator: Graeme Mason, "Westcourt", UNGARIE.
Paddock History: Fallow 2007, Oats 2006, Oats 2005.
Sowing Date: 14 May 2008 **Harvest Date:** 17 November 2008
Sowing Rate: 50kg seed/ha **Fertiliser Rate:** 66kg MAP/ha

Monthly Rainfall 2008 (mm)												Total (mm)
J	F	M	A	M	J	J	A	S	O	N	D	
36	86	29	19	6	38	29	33	13	20	42	35	382

	Varieties	Yield t/ha	Protein %	Retention %	Screenings %	Test Wt. Kg/HI
1	Hindmarsh	3.28	11.6	55	5	64
2	WI3416	3.06	11.8	60	6	64
3	Buloke	2.91	11.5	52	3	62
4	Tilga	2.79	12.1	33	12	60
5	Gardiner	2.76	12.6	-	5	62
6	Fleet	2.75	11.6	73	4	57
7	Grout	2.72	11.9	41	4	66
8	Vlamingh	2.68	11.1	60	3	64
9	Fitzroy	2.60	11.6	45	11	55
10	Flagship	2.55	12.1	60	5	60
11	Schooner	2.49	12.8	49	3	67
12	Baundin	2.43	13.3	68	4	61

Comments:

When considering barley varieties, the candidates need to be accessed against the current district benchmark varieties. In the West Wyalong district, Schooner has been the long-standing malt barley, many varieties have come and gone but only Schooner has persisted as it has a well-established and sizable export – not sure how you can say that– importers are very fickle and are maltsters in my experience. market and that is likely to continue for the next few years. Tilga successfully replaced O'Connor as the main season feed variety about 10 years ago and has survived all challengers to date.

The malt choices are very straightforward; there is a receival for Schooner and recently Buloke. Buloke has tested favourably compared to Schooner over the past six years, with yields generally 10% higher than Schooner. Its grain characteristics are equivalent to Schooner, when the rainfall is equal to the long-term monthly average. Screenings may be higher in drier years. If Buloke was downgraded to feed (due to grain quality or small malt demand), it has a yield that is comparable to Tilga, making it a useful substitute for both varieties. So why don't more switch to Buloke?

Many of the varieties in the trial are suitable for malt production, but without a local segregation, they can only be considered to be used as stock feed. Tilga has been the most consistent since its release in 1997. The results in this trial are consistent with most other variety trials within the region and Tilga still tests well. Hindmarsh is the only feed variety that really stands out in the regional trials. It appears to have a good 10% yield advantage over Tilga in the past dry season, in the Central West. Hindmarsh also offers an increase in grain quality, particularly plumpness over Tilga.

For further information
It is currently undergoing malting evaluation

UNGARIE WHEAT VARIETY DEMONSTRATION 2008

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Maturity	Varieties	Southern Class	Yield t/ha	Protein %	Screenings %	Test Wt. Kg/HI
Slow	Bolac	PH	2.0	12.6	5.0	78
	Bounty	AH	2.0	13.3	1.3	77
	Eaglehawk	AH	1.8	13.2	5.7	78
	Gregory	AH	2.3	12.1	2.5	81
	Sentinel	ASW	2.0	13.7	3.0	74
	Sunzell	AH	1.8	13.9	3.0	78
Mid	Ellison	AH	1.9	14.5	3.6	77
	Gladius	AH	2.2	13.0	3.1	77
	Strezlecki	AH	1.9	13.1	4.6	77
	Sunvale	PH	1.9	13.2	2.5	83
	Sunvex	AH	2.0	13.6	2.3	81
	Wills	APN	1.9	13.3	3.2	77
Quick	Burke	APN	2.1	12.4	1.3	82
	Carinya	AH	2.1	12.6	2.1	79
	Catalina	APN	2.1	12.3	4.2	80
	Correll	APN	2.2	12.3	5.2	76
	Crusader	PH	1.7	14.1	2.3	73
	Dakota	AH	2.0	12.9	5.3	79
	Derrimut	APN	2.3	12.4	2.9	70
	Espada	AH	2.2	13.2	2.9	76
	Janz	AH	1.9	12.4	3.1	80
	Hornet	APN	2.0	13.1	5.6	76
	Livingston	AH	2.0	12.8	3.7	78
	Merinda	AH	2.2	12.4	4.3	77
	Peake	AH	2.2	12.4	4.2	80
	Sapphire	PH	1.9	12.6	2.8	80
Very Quick	Ventura	AH	2.1	13.1	3.0	78
	Young	AH	2.1	13.2	2.6	82
Very Quick	Axe	APW	2.2	13.0	1.8	78