

5.1.3 WHEAT VARIETY DEMONSTRATION (LAKE BOLAC, VIC)

Abstract:

In spite of a warm and very dry October combined with 3 frosts over the site, the winter wheat varieties performed well. Tennant, with the longest maturity of the 4 winter wheat varieties was the variety most affected by the dry, hot October. MacKellar performed extremely well, with a yield of 5.9 t/ha. The spring wheat varieties all produced high screenings as well as high protein. This was the result of the later sowing coupled with the seasonal conditions. Silverstar, an early maturing variety, produced an outstanding yield, possibly being affected less by frost than the other varieties.

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Location:

SFS McMaster Paddock trial site, Lake Bolac

Growing Season Rainfall: (April-Nov): 413mm.

Background/Objectives:

To evaluate commercial varieties in a large demonstration block

Methodology:

Plots were sown with a commercial combine and harvested with a commercial header.

Sowing Date: 27/04/04

Rate: 100 kg/ha Winter wheats (dry conditions)

Sowing Date: 15/07/04

Rate: 100 kg/ha Milling wheats (excellent moisture)

Fertilizer: 100 kg/ha DAP at sowing

Results:

Table 1 : Winter Wheat Varieties

Variety	Yield T/ha
Brennan	4.9
MacKellar	5.9
Rudd	5.3
Tennant	4.7

Table 2 : Spring Wheat Varieties

Variety	Yield mt/ha	Protein %	Screenings %
EGA Wedgetail	2.0	14.6	7.4
Drysdale	3.0	13.4	8.6
Bowerbird	1.0	14.4	10.5
Chara	2.0	15.0	9.1

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