

Alectown Crop Variety Comparisons

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Background

The Alectown CWFS regional site had a fantastic season for early growth in 2001 then encountered a few setbacks. A vicious hailstorm hit the site at Richard Wescott's and frost damage also occurred. Despite these problems yields were good.

Results

Feed barley varieties yielded extremely well.

Feed Barley Variety	Yield t/ha
Tantangara	5.17 t/ha
Yambla	4.2 t/ha.

Early Wheat Varieties were sown on 19th April with 80 kg/ha DAP and although the grain was badly frosted most varieties yielded well. Whistler topped the scale. A new variety M5880, which has a waxy blue green leaf, looks very promising and also yielded well. Sunbri was very badly affected by frost and had the lowest yield.

Early Wheat Variety	Yield t/ha
Whistler	4.63
M5880	4.33
Pardolote	3.86
Sunsoft	3.75
Whyla	3.40
Sunbri	2.33

The *Mid Season Wheat Variety Trial* managed to avoid frost but suffered from hail damage. It was sown on 24th May with 80 kg/ha DAP and at 40 kg/ha seed.

Mid Season Wheat Variety	Yield t/ha
Chara	2.92
Strezlecki	2.86
Janz	2.79
Diamondbird	2.76
H45	2.71
Cunningham	2.12
Baxter	1.93

Alectown growers also trialled *Canola Varieties* which were sown on 19 April with 120 kg/ha DAP and 100 kg/ha urea. The trial was sown onto moisture with further rain falling after sowing. The high yields achieved reflected the season, with Ag Outback topping the trial at 3.23 t/ha average yield.

Canola Variety	Yield t/ha
Ag Outback	3.23
Rainbow	3.19
46C03	3.09
Oscar	3.09
Ripper	3.06
Surpass 600	2.98
Grace	2.93
Emblem	2.52

Discussion

It must be noted that these results have not been statistically analysed, and due to the uneven nature of frost and hail damage, results must be viewed with caution.

Further work will be done analysing results when the new CWFS Research Coordinator commences duty in May 2002.