

2.5 Spring Sown Wheat Trial

Researcher

Steve Holden

DNRE – Hamilton

Site

Hamilton – Blackwood

Background

Spring cropping has always had a role to play in the Hamilton district and with the increased awareness of the potential of shorter maturing wheats it was decided to investigate the feasibility of growing shorter season wheat varieties as a spring crop.

Aims

1. Investigate the feasibility of growing shorter season wheats as a spring-sown crop in the Hamilton district.
2. Determine what sowing rate is most applicable for a spring sown wheat crop.

Management

Sown on the 5/10/99 with 100kg of DAP. Four varieties of differing maturities were chosen and they were sown at three rates.

Harvested on the 21/2/00.

RESULTS

Sowing Rate:	Yield (T/ha)		
	80 kg/ha	100 kg/ha	120 kg/ha
Frame (Early – mid)	1.80	1.79	2.12
Goldmark (Mid)	1.97	2.04	2.20
Kellac (Late)	2.00	2.07	2.28
Silverstar (Very Early)	2.35	2.42	2.73

Yields are quite encouraging despite the dry conditions during spring. Silverstar appears to be the better performing variety, possibly due to its shorter maturity. There was no significant difference between the sowing rates, although the results would appear to indicate that the higher sowing rate is more effective.

AGRIC SERVICES

Broadacre & Raisedbed Spraying

The **True** Specialists

The machinery & staff prove this



2 x J.D 4700's (90ft), 1x J.D 6810 (60ft), 1 x Trailing Unit Landcruiser Gooseneck (60ft),
1 x Toyota HiLux (40ft), 3 x 4WD Motor Bike, (Spot Spraying)

Phone: Anthony 0418 524 317, Stuart 0408 180 749, Office (03) 5223 1344