

Triazine tolerant canola variety comparisons

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METHOD

All varieties were sown in replicated plots at Charlton on June 9, with 120kg/ha of Pivot 15 (15-13-0-10).

RESULTS

Table 1.10 TT Canola yield results at Charlton

Varieties	Yield (t/ha)
TN07	2.24
TN06	2.22
TM04	2.07
TL05	2.04
TN03	2.01
Pinnacle	1.98
TN01	1.96
TN04	1.95
TN05	1.89
Surpass 600TT	1.88
Bugle (AGA99.22)	1.78
Clancy	1.66
Drum	1.64
TN08	1.48
TN02	1.44
PACN164	1.39
TM05	1.39
Karoo	1.38
PACN165	1.10
TM08	0.84
Site mean	1.72
Significant Difference	P<0.05, LSD=0.16

INTERPRETATION

The grain yields of TM05 and TM08 are not a true reflection of their potential yields because of frosted seed at sowing time. As well heavy rain approximately 10 days prior to harvest would have had some effect on grain yields.

COMMERCIAL PRACTICE

Bugle was released and is a medium-early variety from Ag-Seed Research. Yields higher yields than Drum, Karoo and Hylite 200TT. 1-2% higher oil than Clancy and Drum. Maturity between Karoo and Drum. More even plant height. Suited to medium-high rainfall zones. Higher blackleg resistance than Karoo and Hylite 200TT.

Two other possible releases are TM05 and TM08, both from the Agriculture Victoria Program.

TM05: Medium maturity. Yields higher yields than Drum, Karoo and Hylite 200TT. Shorter height than Clancy and Surpass 600TT. Higher blackleg resistance. Higher

oil levels than Drum, Karoo and Hylite 200TT. Seedling vigour and maturity similar to Oscar

TM08: Mid-early maturity. Higher yields than Drum, Karoo and Hylite 200TT. Higher blackleg resistance Karoo and Hylite 200TT. 1-2% higher oil than Drum, Clancy and Karoo. Suited to medium to medium-high rainfall zones. Seedling vigour and maturity similar to Rainbow