

1998 CANOLA TRIAZINE RESISTANT VARIETY TRIAL

Researchers Chris Beuett, Tim Brown, Matt Jenkinson DNRE
VIDA Horsham Canola Breeding Team VIDA

Site Gnarwarre, Hamilton, Streatham

These Results are related to the trial printed on page 21 of the *1998 Field Day Book*

RESULTS

Varieties	Hamilton	Hamilton	Gnarwarre	Gnarwarre	Mean
	Yield t/ha	% Pinnacle	Yield t/ha	% Pinnacle	t/ha
AGA98.21	2.67	100			2.67
AGA98.22	2.22	83			2.22
AGA98.23	2.32	87			2.32
CLANCY	2.22	83	2.50	105	2.36
DRUM	2.23	84	2.22	93	2.22
KAROO	1.35	50	1.70	71	1.52
PACN147	2.29	86			2.29
SURPASS 600TT (PACN148)	2.77	104			2.77
PACN149	3.15	118			3.15
HYLITE 200TT (PACN151)	0.16	6			0.16
PINNACLE	2.65	100*	2.38	100*	2.51
TL2	2.22	83	2.57	107	2.39
TL3	3.07	115	2.32	97	2.69
TM1	2.70	101	2.31	97	2.50
TM2	2.90	109	1.66	69	2.28
TM3	3.10	116	2.40	100	2.75
TM4	3.22	121	2.67	112	2.95
TM5	2.15	81	2.22	93	2.19
TM6	1.97	74	1.84	77	1.90
TM7	2.02	76	2.24	94	2.13
TM8	2.02	76	2.17	91	2.09
Site mean:	2.37		2.23		2.30
Coefficient of Variation:	2.80		8.40		
Average LSD:	0.13		0.36		

Sowing Dates: Hamilton 15/5/98, Gnarwarre: 26/5/98. 100 kg/ha D.A.P applied at sowing. The results of the triazine varieties at Streatham are unsuitable for publication due to the high population of weeds in trial. At Hamilton the trial was infested with silver grass. At Gnarwarre the hot dry and windy condition during September affected pod set.

DEVELOPMENTS

TM4 is a variety that has proven to have better early vigour than Pinnacle and 1% Oil advantage. Release of this variety is dependant on further evaluation. TM5 is a variety with a maturity similar to Rainbow and therefore could be a possible future Clancy replacement. It has better oil quality and yield.