

3.2 REPLICATED VARIETY TRIALS

3.2.1 DNRE Variety Trials (Gnarwarre, Streatham, Hamilton)

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3.2.1.1 Wheat

Line	Overall Average		Gnarwarre		Hamilton		Streatham		Lake Bolac	
	Yield T/Ha	% Kellalac	Yield T/ha	% Kellalac	Yield T/ha	% Kellalac	Yield T/ha	% Kellalac	Yield T/ha	% Kellalac
LH_64_A9	7.34	146	6.52	203	7.67	142	7.43	143	7.75	122
LH_64_C (MacKellar)	7.09	141	6.05	189	7.88	146	6.54	126	7.90	125
WRTA_107	6.92	138	4.20	131	7.65	142	7.68	148	8.14	129
H27.2	6.66	132	5.44	170	6.76	125	6.77	131	7.65	121
H11.2	6.33	126	5.69	178	5.58	104	6.50	125	7.54	119
H150.2	6.27	125	5.30	166	6.82	126	6.07	117	6.91	109
I166.1	6.17	123	3.66	114	7.31	136	5.98	115	7.73	122
K89.44	6.04	120	3.46	108	6.57	122	6.28	121	7.85	124
H238.11	5.73	114	3.01	94	5.70	106	6.58	127	7.63	121
TENNANT	5.73	114	4.49	140	6.08	113	6.19	120	6.15	97
VN0061	5.63	112	4.39	137	5.43	101	5.98	115	6.72	106
VO2326	5.60	111	3.78	118	5.75	107	5.73	111	7.13	113
DECLIC	5.50	109	3.44	107	5.64	105	5.81	112	7.11	112
E30.82 (Rudd)	5.46	109	3.94	123	5.74	106	5.56	107	6.60	104
WW2772	5.42	108	3.52	110	6.08	113	5.42	105	6.65	105
BRENNAN	5.37	107	4.47	140	4.89	91	5.33	103	6.80	107
WW2808	5.37	107	2.84	89	6.40	119	5.42	105	6.82	108
CURRAWONG	5.28	105	3.30	103	6.28	117	5.36	103	6.20	98
WRTA_2119	5.28	105	4.15	130	4.87	90	5.25	101	6.83	108
CHARA	5.23	104	4.05	127	5.40	100	4.85	94	6.63	105
WHISTLER	5.19	103	3.41	107	5.91	110	5.21	100	6.23	99
WYLAH	5.14	102	3.29	103	5.52	102	5.32	103	6.42	102
KELLALAC	5.03	100	3.21	100	5.39	100	5.18	100	6.33	100
MIRA	4.93	98	3.42	107	4.89	91	4.81	93	6.60	104
QT7208	4.88	97	3.77	118	4.61	85	5.03	97	6.11	97
MITRE	4.88	97	3.27	102	4.85	90	4.91	95	6.48	102
ROSELLA	4.78	95	2.92	91	4.84	90	5.07	98	6.28	99
JANZ	4.74	94	3.20	100	4.46	83	5.11	99	6.18	98
VL326	4.59	91	3.16	99	3.70	69	5.11	99	6.39	101
M5880	4.55	90	2.84	89	5.04	94	4.73	91	5.57	88
DIAMONDBIRD	4.37	87	2.81	88	5.04	94	4.02	77	5.63	89
VN0182	4.20	84	2.33	73	4.31	80	4.90	94	5.27	83
DENNIS	4.10	82	3.19	100	3.84	71	4.38	84	4.98	79
DHV_2			6.69	209	9.09	169	6.78	131		
H_123.1			3.88	121	7.17	133	6.81	131		
H180.20									6.89	109
H186.11			4.33	135	5.75	107	5.70	110		
H188.22			3.99	124	6.20	115	6.26	121		
H223.3			3.66	114	5.48	102	5.59	108		
H229.3			4.31	134	7.60	141	5.89	114		
H230.3			4.96	155	6.12	114	6.10	118		
H236.11			4.27	133	6.70	124	5.76	111		
H237.3			3.71	116	5.58	104	5.54	107		
H267.3			5.29	165	8.04	149	7.12	137		
H74.7			4.53	142	5.60	104	5.24	101		
I_147.1			4.53	141	6.37	118	6.20	120		
I59.5			5.39	168	7.48	139	7.23	140		
K23.8			3.39	106	6.05	112	6.34	122		

K34.15			2.62	82	3.80	70	4.55	88		
K41.22			2.30	72	4.25	79	4.62	89		
K87.2			3.33	104	5.64	105	5.55	107		
K89.47			3.34	104	6.94	129	6.20	120		
K89.67			3.36	105	6.46	120	5.52	107		
LH_35_I1			6.40	200	8.57	159	6.90	133		
LH_44_L17			6.74	210	6.76	126	6.69	129		
LH_46_A29			6.62	207	6.19	115	6.34	122		
LH_46_A7			6.48	202	7.52	140	6.07	117		
LH_46_A9			6.47	202	6.31	117	7.51	145		
LH_49_E1			5.71	178	8.26	153	6.83	132		
LH_49_E2			7.45	233	7.80	145	8.31	160		
LH_50_M20			3.94	123	5.19	96	6.53	126		
LH_52_T11			7.79	243	8.09	150	7.14	138		
LH_52_T13			5.49	171	7.34	136	7.31	141		
LH_53_L44			4.24	132	7.41	137	6.45	124		
VO2238					5.69	106	4.97	96	6.20	98
VO2239					5.17	96	5.33	103	6.45	102
VP5090					4.89	91	5.84	113	7.07	112
VP5106							4.58	88	7.13	113
VP5111					4.21	78	4.73	91	6.23	98
VP5155					5.30	98	4.97	96	6.39	101
VP5320					5.97	111	5.97	115	7.27	115
VP5333					5.17	96	5.27	102	6.43	102
VP6105					5.38	100	5.18	100	6.60	104
VP6150					6.02	112	5.18	100	6.51	103
VP6159					7.21	134	6.88	133	7.90	125
Site mean:				4.295		6.05		5.844		6.71
C.V.				11.7		9.7		7.8		5.2
Average SED:										
Average LSD:				0.897		0.980		0.759		0.586
			Site badly affected by herbicide damage.							