



2018 INTERIM QUARANTINE REPORT

NSW

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Important Information for Quarantined (Unreleased but not abandoned) Trials

To ensure the results of NVT remain robust, relevant and of the highest quality, it is agreed policy to exclude quarantined trial data from the published reports. Frost, wind and hail damage and drought events are random, uncontrollable, unpredictable and extremely variable in both timing and severity of the damage caused. Variety tolerances to frost and many other random climatic events cannot be measured or gauged in field based NVT.

****WARNING****

Data presented within this report has been made available to provide growers with a transparent account of the fate of unreleased but not abandoned NVT trials. The data is of no value for the purposes of head to head variety comparison and will not form part of the trial data for the NVT website, database and app reporting systems. It should not be used for any variety selection decisions and it has been excluded from the NVT Long Term MET analysis.

Replication of this data is strictly prohibited, and it **MUST NOT** be used by ANY parties for producing variety brochures and marketing material, sowing guides, grower notes or ANY OTHER publication or communication activities.

Contents

Important Information for Quarantined (Unreleased but not abandoned) Trials.....	2
Contents.....	3
Table 1: 2018 NSW Unreleased Trials for Barley, Canola, Chickpeas, Oats and Wheat	4
2018 Quarantine Report NSW Wheat	5
Main Wheat Trial Yield data.....	5
Early Wheat Trial Yield Data.....	8
Long Wheat Trial Yield data.	11
Durum Wheat Trial Yield data.....	12
2018 Quarantine Report NSW Barley	13
Main Barley Trial Yield data.....	13
2018 Quarantine Report NSW Canola	15
Conventional Canola Trial Yield data	15
Imidazoline Canola Trial Yield data	16
Triazine Canola Trial Yield data.....	17
Roundup Ready Canola Trial Yield data.....	19
2018 Quarantine Report NSW Chickpea.....	20
2018 Quarantine Report NSW Oats	21

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Table 1: 2018 NSW Unreleased Trials for Barley, Canola, Chickpeas, Oats and Wheat

State	Site Description	CROP	Trial Code	Sowing Date	Harvest Date	Site Mean Yield	CV Value
NSW	Lockhart	Barley	BMaA18LOCK2	16-May-18	05-Nov-18	3.45	4.88
NSW	Quandialla	Barley	BMaA18QUAN2	20-May-18	20-Nov-18	0.82	23.31
NSW	Wagga Wagga	Barley	BMaA18WARI2	17-May-18	03-Dec-18	2.16	10.05
NSW	Wongarbron	Barley	BMaA18WONG2	08-Jun-18	17-Dec-18	2.89	6.24
NSW	Condobolin	Canola	CEIA18CONA2	09-May-18	01-Nov-18	0.61	15.22
NSW	Condobolin	Canola	CETA18CONA2	09-May-18	01-Nov-18	0.43	19.49
NSW	Condobolin	Canola	CERA18CONA2	09-May-18	01-Nov-18	0.55	15.66
NSW	Condobolin	Canola	CECA18CONA2	09-May-18	01-Nov-18	0.72	11.83
NSW	Beckom	Canola	CMIA18BECK2	07-May-18	05-Nov-18	0.59	17.94
NSW	Beckom	Canola	CMTA18BECK2	07-May-18	05-Nov-18	0.81	12.65
NSW	Beckom	Canola	CMRA18BECK2	07-May-18	05-Nov-18	0.79	12.97
NSW	Beckom	Canola	CMCA18BECK2	07-May-18	05-Nov-18	0.47	22.29
NSW	Temora	Canola	CMTA18TEMO2	09-May-18	16-Nov-18	0.62	13.97
NSW	Temora	Canola	CMIA18TEMO2	09-May-18	16-Nov-18	0.86	10.51
NSW	Temora	Canola	CMRA18TEMO2	09-May-18	16-Nov-18	0.86	10.05
NSW	Lockhart	Canola	CMIA18LOCK2	08-May-18	13-Nov-18	0.53	19.22
NSW	Lockhart	Canola	CMTA18LOCK2	08-May-18	13-Nov-18	0.69	14.28
NSW	Lockhart	Canola	CMRA18LOCK2	08-May-18	13-Nov-18	0.73	13.38
NSW	Grenfell	Canola	CMTA18GREN2	09-May-18	06-Dec-18	0.47	12.40
NSW	Tulloona	Chickpea	DMDA18TULO2	24-May-18	12-Nov-18	0.95	16.45
NSW	Tulloona	Chickpea	DMKA18TULO2	24-May-18	12-Nov-18	0.86	18.10
NSW	Quandialla	Oat	OMaA18QUAN2	20-May-18	20-Nov-18	0.73	23.42
NSW	Wagga Wagga	Oat	OMaA18WARI2	17-May-18	03-Dec-18	1.63	6.11
NSW	Walgett	Wheat	WMDA18WALG2	15-May-18	14-Nov-18	2.08	9.16
NSW	Walgett	Wheat	WMaA18WALG2	15-May-18	14-Nov-18	2.77	7.31
NSW	Quandialla	Wheat	WEaA18QUAN2	07-May-18	19-Nov-18	0.72	18.12
NSW	Quandialla	Wheat	WMaA18QUAN2	20-May-18	19-Nov-18	0.75	15.67
NSW	Beckom	Wheat	WEaA18BECK2	08-May-18	20-Nov-18	0.83	22.82
NSW	Lockhart	Wheat	WMDA18LOCK2	16-May-18	26-Nov-18	1.48	9.87
NSW	Lockhart	Wheat	WMaA18LOCK2	16-May-18	27-Nov-18	2.06	6.31
NSW	Lockhart	Wheat	WEaA18LOCK2	09-May-18	27-Nov-18	2.23	6.52
NSW	Wagga Wagga	Wheat	WEaA18WARI2	07-May-18	03-Dec-18	0.99	11.90
NSW	Wagga Wagga	Wheat	WMaA18WARI2	17-May-18	03-Dec-18	1.23	9.42
NSW	Culcairn	Wheat	WLoA18CULC2	03-May-18	05-Dec-18	1.16	10.52
NSW	Merriwa	Wheat	WMaA18MERR2	15-Jun-18	05-Dec-18	1.46	12.91
NSW	Somerton	Wheat	WLoA18SOME2	30-Apr-18	05-Dec-18	0.36	21.71
NSW	Temora	Wheat	WEaA18TEMO2	29-Apr-18	07-Dec-18	1.57	21.02
NSW	Temora	Wheat	WMaA18TEMO2	15-May-18	07-Dec-18	2.01	15.71
NSW	Galong	Wheat	WEaA18GALO2	30-Apr-18	12-Dec-18	0.93	9.32
NSW	Galong	Wheat	WMaA18GALO2	14-May-18	12-Dec-18	1.11	6.40
NSW	Galong	Wheat	WLoA18GALO2	30-Apr-18	12-Dec-18	0.71	11.79
NSW	Wongarbron	Wheat	WEaA18WONG2	09-May-18	17-Dec-18	2.21	4.48
NSW	Wongarbron	Wheat	WMaA18WONG2	08-Jun-18	17-Dec-18	1.88	6.36

2018 Quarantine Report NSW Wheat

Main Wheat Trial Yield data

Region	S/E		S/E		S/E		S/E		N/E		N/E		N/W		S/W	
Nearest Town	Wagga Wagga		Temora		Quandialla		Galong		Merriwa		Wongarbon		Walgett		Lockhart	
Crop	Wheat		Wheat		Wheat		Wheat		Wheat		Wheat		Wheat		Wheat	
Trial ID	WMaA18WARI2		WMaA18TEMO2		WMaA18QUAN2		WMaA18GALO2		WMaA18MERR2		WMaA18WONG2		WMaA18WALG2		WMaA18LOCK2	
Variety Name	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%
Baxter	-	-	-	-	-	-	-	-	1.34	91	1.53	81	2.90	105	-	-
Beckom	1.47	120	2.50	124	0.66	88	1.10	99	1.55	106	2.08	110	2.93	106	2.24	109
Borlaug 100	-	-	-	-	-	-	-	-	1.44	98	2.01	107	3.31	119	-	-
Buchanan	0.93	76	1.84	91	0.58	78	0.70	63	1.55	106	1.83	97	2.77	100	-	-
Chara	1.15	93	1.61	80	0.73	97	1.21	109	-	-	-	-	-	-	1.72	84
Condo	0.97	79	2.13	106	0.69	92	0.71	64	1.19	81	1.88	100	1.76	64	1.30	63
Coolah	1.06	86	1.57	78	0.94	125	1.30	118	1.74	119	1.99	106	3.23	117	2.24	109
Corack	1.07	88	2.45	122	0.90	120	1.06	95	-	-	-	-	-	-	1.59	77
Cutlass	1.22	99	2.25	112	0.83	111	0.89	81	1.64	112	2.24	119	3.11	112	1.93	94
DS Bennett	1.24	101	1.04	52	0.67	89	1.16	105	-	-	-	-	-	-	-	-
DS Darwin	1.16	95	2.48	123	0.65	87	1.22	110	1.27	87	1.52	81	2.63	95	1.93	94
DS Faraday	1.00	82	1.69	84	0.81	109	1.15	103	1.71	117	1.59	85	3.20	116	2.04	99
DS Tull	1.22	99	2.02	100	0.79	105	1.22	110	1.35	92	1.85	98	2.96	107	1.84	89
EGA Gregory	1.11	90	1.55	77	0.69	92	1.11	100	1.47	100	1.53	81	3.02	109	2.07	101
Elmore CL Plus	1.16	95	1.56	77	0.70	93	1.31	118	1.52	104	1.80	96	2.89	105	2.34	114
Emu Rock	0.99	81	1.65	82	0.62	82	0.99	89	-	-	-	-	-	-	1.57	77
Grenade CL Plus	1.34	109	2.10	104	0.80	107	1.03	93	-	-	-	-	-	-	2.22	108
Janz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.03	99
Livingston	1.11	90	2.12	105	0.63	84	0.94	85	1.29	88	1.60	85	2.50	90	1.63	79
LRPB Arrow	1.18	96	2.39	119	0.79	105	0.89	80	-	-	-	-	-	-	2.07	101
LRPB Beaufort	1.24	101	1.29	64	0.83	111	1.39	126	-	-	-	-	-	-	1.91	93
LRPB Cobra	0.56	46	1.11	55	0.52	70	0.52	47	-	-	-	-	-	-	1.02	50
LRPB Crusader	-	-	-	-	-	-	-	-	1.25	85	1.55	82	2.13	77	-	-

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Region	S/E		S/E		S/E		S/E		N/E		N/E		N/W		S/W	
Nearest Town	Wagga Wagga		Temora		Quandialla		Galong		Merriwa		Wongarbon		Walgett		Lockhart	
Crop	Wheat		Wheat		Wheat		Wheat		Wheat		Wheat		Wheat		Wheat	
Trial ID	WMAA18WARI2		WMAA18TEMO2		WMAA18QUAN2		WMAA18GALO2		WMAA18MERR2		WMAA18WONG2		WMAA18WALG2		WMAA18LOCK2	
Variety Name	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%
LRPB Dart	-	-	-	-	-	-	-	-	1.26	86	1.75	93	2.38	86	-	-
LRPB Flanker	1.05	86	1.53	76	0.74	99	1.23	111	1.63	111	1.61	85	3.07	111	2.14	104
LRPB Gauntlet	-	-	-	-	-	-	-	-	1.42	97	1.68	89	2.81	101	-	-
LRPB Havoc	0.88	71	2.13	106	0.74	99	0.84	76	-	-	-	-	-	-	1.28	62
LRPB Impala	1.21	99	2.25	111	0.77	103	1.17	105	1.67	114	2.27	121	2.80	101	1.79	87
LRPB Mustang	1.42	115	2.37	118	0.59	79	0.99	89	1.72	117	1.84	98	2.09	76	2.29	111
LRPB Oryx	1.08	88	1.71	85	0.74	98	-	-	-	-	-	-	-	-	-	-
LRPB Reliant	1.23	101	2.44	121	0.92	123	1.16	105	1.70	116	1.72	92	3.31	120	2.26	110
LRPB Spitfire	0.93	75	2.12	105	0.51	68	0.81	73	1.14	78	2.15	114	2.22	80	2.36	115
LRPB Trojan	1.35	110	2.23	111	0.64	86	1.16	104	-	-	-	-	-	-	2.20	107
Mace	1.30	106	2.13	106	0.79	106	0.98	88	-	-	-	-	-	-	1.91	93
Mitch	-	-	-	-	-	-	-	-	1.76	120	1.76	93	3.05	110	-	-
QAL2000	1.25	102	1.71	85	0.91	121	-	-	-	-	-	-	-	-	-	-
Razor CL Plus	1.32	107	2.45	122	0.88	118	1.16	104	-	-	-	-	-	-	2.06	100
RGT Zanzibar	1.13	92	2.26	112	0.70	94	1.03	93	1.72	117	2.70	143	-	-	-	-
Scepter	1.35	110	2.49	124	0.96	128	1.20	108	1.43	97	2.02	107	2.96	107	2.54	124
SEA Condamine	-	-	-	-	-	-	-	-	1.39	95	2.31	123	2.78	100	-	-
Sunmate	-	-	-	-	-	-	-	-	1.44	98	2.04	108	2.75	99	-	-
Sunprime	1.47	120	2.58	128	0.84	113	0.86	77	1.62	111	1.93	103	1.61	58	2.38	116
Suntop	1.04	85	1.96	97	0.68	91	1.25	112	1.46	100	2.03	108	3.03	109	1.77	86
Sunvale	1.04	84	1.51	75	0.58	78	1.12	101	1.39	95	1.37	73	2.88	104	2.01	98
Vixen	1.34	109	2.20	109	1.01	135	1.25	112	1.33	91	1.74	93	2.91	105	2.10	102
Wallup	1.14	93	1.90	94	0.61	81	0.87	78	1.37	93	2.11	112	2.33	84	2.06	100
Yenda	1.21	98	1.63	81	0.70	94	-	-	-	-	-	-	-	-	-	-
Yitpi	1.18	96	1.91	95	0.61	82	0.99	89	-	-	-	-	-	-	2.27	110

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Region	S/E		S/E		S/E		S/E		N/E		N/E		N/W		S/W	
Nearest Town	Wagga Wagga		Temora		Quandialla		Galong		Merriwa		Wongarbon		Walgett		Lockhart	
Crop	Wheat		Wheat		Wheat		Wheat		Wheat		Wheat		Wheat		Wheat	
Trial ID	WMaA18WARI2		WMaA18TEMO2		WMaA18QUAN2		WMaA18GALO2		WMaA18MERR2		WMaA18WONG2		WMaA18WALG2		WMaA18LOCK2	
Variety Name	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%
Site Mean (t/ha)	1.23		2.01		0.75		1.11		1.46		1.88		2.77		2.06	
CV (%)	9.42		15.71		15.67		6.40		12.91		6.36		7.31		6.31	
Probability	<0.001		<0.001		<0.001		<0.001		<0.001		<0.001		<0.001		<0.001	
LSD (t/ha)	0.2	16	0.56	28	0.2	27	0.13	11	0.33	23	0.21	11	0.34	12	0.23	11
Analysis Date	05-Dec-2018		11-Dec-2018		22-Nov-2018		13-Dec-2018		07-Dec-2018		19-Dec-2018		19-Nov-2018		04-Dec-2018	
Sowing Date	17-May-2018		15-May-2018		20-May-2018		14-May-2018		15-Jun-2018		08-Jun-2018		15-May-2018		16-May-2018	
Trial Comments	WARNING: THIS TRIAL WAS SEVERELY AFFECTED BY FROST. Frost will affect varieties differently and trial results will be unreliable and not a true reflection of variety performance or ranking. These trial results should not be used to make variety selection decisions.		WARNING: THIS TRIAL WAS SEVERELY AFFECTED BY FROST. Frost will affect varieties differently and trial results will be unreliable and not a true reflection of variety performance or ranking. These trial results should not be used to make variety selection decisions.		This trial has a CV greater than 15% indicating high variability across the trial. These trial results should not be used to make variety selection decisions		This trial experienced drought and frost conditions resulting in a variable trial. These trial results should not be used to make variety selection decisions		This trial displayed a high degree of variability due to drought conditions and plant establishment and indicated by the high CV of 12.91%.. These trial results should not be used to make variety selection decisions.		This trial had 50% split germination in June and August however has successfully yielded from October and November rainfall. These trial results should not be used to make variety selection decisions		WARNING: THIS TRIAL WAS SEVERELY AFFECTED BY FROST. Frost will affect varieties differently and trial results will be unreliable and not a true reflection of variety performance or ranking. These trial results should not be used to make variety selection decisions.		WARNING: THIS TRIAL WAS SEVERELY AFFECTED BY FROST. Frost will affect varieties differently and trial results will be unreliable and not a true reflection of variety performance or ranking. These trial results should not be used to make variety selection decisions.	

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Early Wheat Trial Yield Data

Region	S/E		S/E		S/E		S/E		N/E		S/W		S/W	
Nearest Town	Galong		Quandialla		Temora		Wagga Wagga		Wongarbon		Beckom		Lockhart	
Crop Type	Wheat		Wheat		Wheat		Wheat		Wheat		Wheat		Wheat	
Trial ID	WEaA18GALO2		WEaA18QUAN2		WEaA18TEMO2		WEaA18WARI2		WEaA18WONG2		WEaA18BECK2		WEaA18LOCK2	
Variety Name	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%
AUFDH:ME_019	1.02	109	0.86	119	2.51	160	1.28	130	-	-	0.97	117	2.76	124
Beckom	0.97	105	0.83	115	2.28	145	1.28	130	2.27	103	0.76	91	2.4	108
Chara	0.79	85	0.79	109	1.72	110	0.98	99	-	-	0.85	102	2.16	97
Coolah	1.07	115	0.75	104	2.06	132	1.16	118	2.26	102	0.91	109	2.75	124
Cutlass	0.64	69	0.73	101	2.01	129	1.18	120	2.24	101	0.94	113	2.38	107
DS Bennett	1.18	127	0.75	105	1.53	98	0.76	77	2.49	113	0.93	113	2.37	106
DS Darwin	1.04	112	0.49	68	1.46	93	0.9	92	1.46	66	0.88	106	1.86	83
DS Faraday	0.76	81	0.68	94	2.15	138	1.21	123	1.85	84	1.05	126	2.67	120
DS Pascal	1.15	124	1	139	1.64	105	0.86	87	1.97	89	0.73	89	2.2	99
EDGE17-025-03	0.58	63	0.6	83	1.19	76	0.69	70	2.38	108	0.89	108	2.15	97
EGA Gregory	0.83	89	0.86	119	2.17	139	1.24	126	1.88	85	1.05	126	2.55	114
EGA Wedgetail	0.71	76	0.6	84	1.31	83	0.74	75	2.31	104	0.74	89	1.65	74
G_SDH:321	0.87	94	0.87	120	2.17	139	1.18	120	1.6	72	0.77	93	2.06	92
Illabo	0.76	81	0.72	100	1.25	80	1.19	120	1.93	87	0.78	94	1.96	88
Kiora	0.98	105	0.78	108	2.19	140	0.98	100	-	-	0.84	102	2.11	95
Longsword	0.7	75	0.7	98	1.79	114	1.25	127	-	-	0.99	120	2.1	94
LPB14-0392	0.96	103	0.62	86	1.35	86	0.89	91	2.92	132	0.59	71	1.81	81
LRPB Flanker	0.68	73	0.8	110	1.94	124	1.23	125	1.89	86	0.82	99	2.58	116

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Region	S/E		S/E		S/E		S/E		N/E		S/W		S/W	
Nearest Town	Galong		Quandialla		Temora		Wagga Wagga		Wongarbon		Beckom		Lockhart	
Crop Type	Wheat		Wheat		Wheat		Wheat		Wheat		Wheat		Wheat	
Trial ID	WEaA18GALO2		WEaA18QUAN2		WEaA18TEMO2		WEaA18WARI2		WEaA18WONG2		WEaA18BECK2		WEaA18LOCK2	
Variety Name	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%
LRPB Gauntlet	0.89	96	0.71	98	2.32	148	1.17	119	1.73	78	-	-	-	-
LRPB Kittyhawk	0.69	75	0.55	76	1.03	66	0.78	80	1.82	82	0.51	61	1.86	84
LRPB Lancer	1.14	123	0.86	119	2.09	133	1.07	109	1.7	77	0.69	83	2.54	114
LRPB Trojan	0.85	91	0.61	85	2.04	131	1.07	109	-	-	1	121	2.27	102
Manning	0.24	26	0.22	30	0.31	20	0.28	28	-	-	-	-	-	-
Mitch	-	-	-	-	-	-	-	-	2.12	96	-	-	-	-
RAC2444	1.04	112	1.03	142	2.08	133	1.22	124	-	-	1.03	124	2.78	125
RAC2446	1.11	119	0.62	87	1.29	82	1.11	112	-	-	0.96	116	2.31	104
RAC2484	0.95	102	1.06	147	1.8	115	1.12	114	-	-	1.08	131	2.69	121
RGT Accroc	0.84	91	0.44	61	0.66	42	0.66	67	-	-	-	-	-	-
RGT Calabro	0.69	74	0.57	79	0.44	28	0.46	47	-	-	-	-	-	-
RGT Zanzibar	0.77	83	0.86	119	1.79	115	0.97	98	2.85	129	0.81	97	1.92	86
Scepter	1.13	122	1.05	146	1.63	104	1.02	103	2.23	101	0.87	105	2.13	96
SF Adagio	0.94	101	0.59	82	0.79	51	0.72	74	-	-	-	-	-	-
SUN862B	1.26	136	0.72	99	1.29	82	1.06	108	2.37	107	0.78	94	2.45	110
SUN862I	1.16	124	0.69	96	1.06	68	1.08	110	2.49	113	0.85	102	2.48	111
Sunlamb	0.56	60	0.61	84	0.77	49	0.6	61	2.43	110	0.47	57	1.61	72
Sunmax	-	-	-	-	-	-	-	-	3.17	144	-	-	-	-
Suntime	0.78	84	0.65	90	1.47	94	0.85	87	2.24	101	0.68	82	2.11	95

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Region	S/E		S/E		S/E		S/E		N/E		S/W		S/W	
Nearest Town	Galong		Quandialla		Temora		Wagga Wagga		Wongarbon		Beckom		Lockhart	
Crop Type	Wheat		Wheat		Wheat		Wheat		Wheat		Wheat		Wheat	
Trial ID	WEaA18GALO2		WEaA18QUAN2		WEaA18TEMO2		WEaA18WARI2		WEaA18WONG2		WEaA18BECK2		WEaA18LOCK2	
Variety Name	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%
Suntop	1.12	120	0.75	104	2.15	137	0.9	91	2.23	101	0.83	100	2.1	94
Sunvale	1.05	113	0.61	84	2.12	135	1.25	127	1.71	77	0.59	71	2.49	112
Sunzell	-	-	-	-	-	-	-	-	2.4	109	-	-	-	-
Titanium	0.84	91	0.74	102	1.85	118	1	101	2.34	106	1.12	136	2.54	114
VW0703-01	0.72	78	0.91	126	2.07	132	1.15	117	-	-	0.72	87	2.23	100
Site Mean (t/ha)	0.93		0.72		1.57		0.99		2.21		0.83		2.23	
CV (%)	9.32		18.12		21.02		11.9		4.48		22.82		6.52	
Probability	<0.001		<0.001		<0.001		<0.001		<0.001		0.0659		<0.001	
LSD (t/ha)	0.15	16	0.23	31	0.56	36	0.2	20	0.18	8	0.35	43	0.26	12
Analysis Date	13-Dec-2018		22-Nov-2018		11-Dec-2018		05-Dec-2018		19-Dec-2018		28-Nov-2018		04-Dec-2018	
Sowing Date	30-Apr-2018		07-May-2018		29-Apr-2018		07-May-2018		09-May-2018		08-May-2018		09-May-2018	
Trial Comments	This trial experienced drought and frost conditions resulting in a variable trial. These trial results should not be used to make variety selection decisions.		This trial experienced drought conditions and poor establishment resulting in a variable trial. This trial has a CV greater than 15% indicating high variability across the trial. These trial results should not be used to make variety selection decisions.		WARNING: THIS TRIAL WAS SEVERELY AFFECTED BY FROST. Frost will affect varieties differently and trial results will be unreliable and not a true reflection of variety performance or ranking. These trial results should not be used to make variety selection decisions.		WARNING: THIS TRIAL WAS SEVERELY AFFECTED BY FROST. Frost will affect varieties differently and trial results will be unreliable and not a true reflection of variety performance or ranking. These trial results should not be used to make variety selection decisions.		This trial had 50% split germination in June and August however has successfully yielded from October and November rainfall. Due to the early growing season variability this trial will be published in the quarantine trial report. These trial results should not be used to make variety selection decisions.		This trial has a CV greater than 15% indicating high variability across the trial. These trial results should not be used to make variety selection decisions.		WARNING: THIS TRIAL WAS SEVERELY AFFECTED BY FROST. Frost will affect varieties differently and trial results will be unreliable and not a true reflection of variety performance or ranking. These trial results should not be used to make variety selection decisions.	

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Long Wheat Trial Yield data.

Region	S/E		S/E		N/E	
Nearest Town	Culcairn		Galong		Somerton	
Crop Type	Wheat		Wheat		Wheat	
Trial ID	WLoA18CULC2		WLoA18GALO2		WLoA18SOME2	
Variety Name	t/ha	%	t/ha	%	t/ha	%
DS Bennett	1.45	125	0.97	137	-	-
DS Pascal	1.24	107	0.98	138	0.29	80
EDGE17-025-03	0.98	84	0.47	67	0.33	90
EGA Wedgetail	1.03	89	0.61	87	0.39	109
Einstein	0.98	85	0.51	72	-	-
Filler	-	-	-	-	-	-
Forrest	0.73	63	0.61	86	0.23	64
Illabo	1.24	107	0.69	97	0.42	117
Longsword	1.35	116	0.62	88	0.46	127
LPB14-0392	1.34	116	0.83	118	0.51	142
LRPB Beaufort	1.5	130	0.88	124	0.36	100
LRPB Kittyhawk	1.28	110	0.59	83	0.51	142
Manning	0.68	59	0.25	36	-	-
Naparoo	1.37	118	1.17	165	0.3	83
RGT Accroc	1.14	99	0.82	116	-	-
RGT Calabro	0.99	85	0.59	83	-	-
RGT Zanzibar	1.06	92	0.63	89	0.3	82
SF Adagio	1.04	89	0.77	108	-	-
Sunlamb	1.18	101	0.52	73	0.29	79
Sunmax	-	-	-	-	0.37	104
Sunzell	0.86	74	0.5	71	0.37	102
Titanium	1.33	115	0.77	108	0.4	112
VW0703-01	1.33	115	0.55	77	0.43	118
Site Mean (t/ha)	1.16		0.71		0.36	
CV (%)	10.52		11.79		21.71	
Probability	<0.001		<0.001		0.0034	
LSD (t/ha)	0.21	18	0.14	20	0.13	37
Analysis Date	07-Dec-2018		14-Dec-2018		11-Dec-2018	
Sowing Date	03-May-2018		30-Apr-2018		30-Apr-2018	
Trial Comments	WARNING: THIS TRIAL WAS SEVERELY AFFECTED BY FROST. Frost will affect varieties differently and trial results will be unreliable and not a true reflection of variety performance or ranking. These trial results should not be used to make variety selection decisions.		This trial experienced drought and frost conditions resulting in a variable trial. These trial results should not be used to make variety selection decisions.		This trial has a CV greater than 15% indicating high variability across the trial. These trial results should not be used to make variety selection decisions.	

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Durum Wheat Trial Yield data

Region	N/W		S/W	
Nearest Town	Walgett		Lockhart	
Crop Type	Wheat		Wheat	
Trial ID	WMDA18WALG2		WMDA18LOCK2	
Variety Name	t/ha	%	t/ha	%
Caparoi	2.41	116	1.56	106
DBA Bindaroi	2.54	122	1.61	109
DBA Lillaroi	1.62	78	1.46	99
DBA Vittaroi	1.61	77	1.6	108
DBA-Aurora	2.94	141	1.63	111
EDGE12D-018-1	2.56	123	-	-
EDGE18D-014-3	2.68	129	-	-
EGA Bellaroi	1.57	76	1.16	78
Jandaroi	1.23	59	0.77	52
TD1601	1.96	94	1.5	102
TD1602	2.27	109	1.73	117
TD1701	1.82	88	1.56	106
TD1702	1.48	71	1.49	101
Site Mean (t/ha)	2.08		1.48	
CV (%)	9.16		9.87	
Probability	<0.001		<0.001	
LSD (t/ha)	0.31	15	0.24	16
Analysis Date	19-Nov-2018		29-Nov-2018	
Sowing Date	15-May-2018		16-May-2018	
Trial Comments	WARNING: THIS TRIAL WAS SEVERELY AFFECTED BY FROST. Frost will affect varieties differently and trial results will be unreliable and not a true reflection of variety performance or ranking. These trial results should not be used to make variety selection decisions.		WARNING: THIS TRIAL WAS SEVERELY AFFECTED BY FROST. Frost will affect varieties differently and trial results will be unreliable and not a true reflection of variety performance or ranking. These trial results should not be used to make variety selection decisions.	

2018 Quarantine Report NSW Barley

Main Barley Trial Yield data

Region	N/E		S/E		S/E		S/W	
Nearest Town	Wongarbon		Quandialla		Wagga Wagga		Lockhart	
Crop Type	Barley		Barley		Barley		Barley	
Trial ID	BMAA18WONG2		BMAA18QUAN2		BMAA18WARI2		BMAA18LOCK2	
Variety Name	t/ha	%	t/ha	%	t/ha	%	t/ha	%
Banks	3.02	104	1.05	128	2.48	115	3.58	104
Bass	2.59	90	0.91	111	2.11	98	3.3	96
Biere	2.39	83	-	-	-	-	-	-
Bottler	3.27	113	0.9	110	2.38	110	3.27	95
Brewstart	3.23	112	0.6	73	1.63	75	3.09	90
Buff	-	-	0.8	97	2.38	110	3.68	107
Charger	2.91	100	0.97	118	2.18	101	-	-
Charles	-	-	0.79	96	2.29	106	3.42	99
Commander	2.95	102	0.73	89	2.09	97	3.16	92
Compass	2.87	99	1.06	129	2.42	112	3.94	114
Explorer	3.14	109	0.94	114	2.11	98	3.17	92
Fathom	1.89	65	0.87	106	2.51	116	3.8	110
Fatima	3.36	116	0.72	87	2.11	98	-	-
Flinders	2.93	101	1.12	137	2.42	112	3.47	101
Gairdner	2.82	97	0.73	89	1.23	57	2.86	83
Granger	-	-	0.8	97	2.34	109	2.73	79
Grout	1.93	67	-	-	-	-	-	-
Hindmarsh	2.5	86	1.04	127	2.63	122	3.82	111
IGB1705T	2.32	80	0.89	108	2.77	128	3.7	107
Kiwi	3.29	114	0.61	74	1.92	89	-	-
La Trobe	2.43	84	1.01	123	2.45	114	3.91	113
Maltstar	3.45	119	0.61	74	2.09	97	-	-
Navigator	2.91	101	0.59	72	1.81	84	-	-
Oxford	3.56	123	0.52	63	1.32	61	-	-
RGT Planet	3.61	125	0.8	98	2.23	103	3.61	105
Rosalind	2.62	91	0.85	103	1.78	83	3.01	87
SA12071	2.57	89	1.06	130	2.5	116	3.46	100
SakuraStar	2.78	96	0.64	78	2.04	95	3.37	98
SC11017-13-16	2.96	102	0.58	71	2.07	96	3.29	95
Scope	2.45	85	0.92	112	2.1	97	3.48	101
Shepherd	3.46	119	-	-	-	-	-	-
SMBA06-4099A	3.13	108	-	-	-	-	-	-
Spartacus CL	2.35	81	0.96	118	2.48	115	3.76	109
Sunshine	3.44	119	0.71	87	1.34	62	-	-

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Region	N/E		S/E		S/E		S/W	
Nearest Town	Wongarbon		Quandialla		Wagga Wagga		Lockhart	
Crop Type	Barley		Barley		Barley		Barley	
Trial ID	BMaA18WONG2		BMaA18QUAN2		BMaA18WARI2		BMaA18LOCK2	
Variety Name	t/ha	%	t/ha	%	t/ha	%	t/ha	%
Topstart	3.12	108	0.59	72	1.51	70	-	-
Traveler	2.99	103	1.07	130	2.36	109	3.24	94
WI4896	3.28	113	0.87	106	2.44	113	3.66	106
WI4933	-	-	0.74	90	2.05	95	3.88	112
WI4950	-	-	1.02	124	2.46	114	3.91	113
WI4952	2.67	92	1.07	130	2.55	118	3.76	109
Site Mean (t/ha)	2.89		0.82		2.16		3.45	
CV (%)	6.24		23.31		10.05		4.88	
Probability	<0.001		0.0038		<0.001		<0.001	
LSD (t/ha)	0.3	10	0.32	39	0.37	17	0.28	8
Analysis Date	19-Dec-2018		22-Nov-2018		07-Dec-2018		20-Nov-2018	
Sowing Date	08-Jun-2018		20-May-2018		17-May-2018		16-May-2018	
Trial Comments	This trial had 50% split germination in June and August however has successfully yielded from October and November rainfall. Due to the early growing season variability these trials will be published in the quarantine trial report. These trial results should not be used to make variety selection decisions.		This trial has a CV greater than 15% indicating high variability across the trial. This trial experienced drought conditions and poor establishment resulting in a variable trial. These trial results should not be used to make variety selection decisions.		WARNING: THIS TRIAL WAS SEVERELY AFFECTED BY FROST. Frost will affect varieties differently and trial results will be unreliable and not a true reflection of variety performance or ranking. These trial results should not be used to make variety selection decisions.		WARNING: THIS TRIAL WAS SEVERELY AFFECTED BY FROST. Frost will affect varieties differently and trial results will be unreliable and not a true reflection of variety performance or ranking. These trial results should not be used to make variety selection decisions.	

2018 Quarantine Report NSW Canola

Conventional Canola Trial Yield data

Region Nearest Town Crop Type Trial ID Variety Name	S/W Condobolin Canola CECA18CONA2 t/ha %		S/W Beckom Canola CMCA18BECK2 t/ha %	
AV Garnet	0.54	75	0.4	86
NCH17C353	0.89	124	0.63	134
Nuseed Diamond	0.69	97	0.36	76
Nuseed Quartz	0.81	114	0.5	106
SN-ADZ 15-4409	0.64	90	0.51	109
Victory V3002	0.72	100	0.42	90
Site Mean (t/ha)	0.72		0.47	
CV (%)	11.83		22.29	
Probability	<0.001		0.0117	
LSD (t/ha)	0.13	19	0.17	36
Analysis Date	14-Nov-2018		20-Nov-2018	
Sowing Date	09-May-2018		07-May-2018	
Trial Comments	This trial displayed a high degree of variability due to drought conditions and plant establishment and indicated by the high CV of 11.83%. Trial is not to be released.		This trial experienced drought conditions and poor establishment resulting in a variable trial. This trial has a CV greater than 15% indicating high variability across the trial.	

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Imidazoline Canola Trial Yield data

Region Nearest Town Crop Type Trial ID Variety Name	S/E Temora Canola CMIA18TEMO2 t/ha %		S/W Condobolin Canola CEIA18CONA2 t/ha %		S/W Beckom Canola CMIA18BECK2 t/ha %		S/W Lockhart Canola CMIA18LOCK2 t/ha %	
Banker CL	-	-	-	-	0.59	101	0.35	67
Hyola 575CL	0.84	98	0.54	88	0.58	99	0.36	69
Pioneer 43Y92 (CL)	0.88	102	0.73	120	0.63	108	0.57	109
Pioneer 44Y90 (CL)	0.98	114	0.51	84	0.61	104	0.69	131
Pioneer 45Y91 (CL)	0.82	95	-	-	0.6	102	0.6	114
Saintly CL	0.96	112	-	-	0.69	117	0.43	82
VICTORY V7002CL	0.84	97	0.65	107	0.5	86	0.6	115
Site Mean (t/ha)	0.86		0.61		0.59		0.53	
CV (%)	10.51		15.22		17.94		19.22	
Probability	<0.001		<0.001		<0.001		<0.001	
LSD (t/ha)	0.15	17	0.14	23	0.18	30	0.17	32
Analysis Date	22-Nov-2018		14-Nov-2018		20-Nov-2018		22-Nov-2018	
Sowing Date	09-May-2018		09-May-2018		07-May-2018		08-May-2018	
Trial Comments	This trial displayed a high degree of variability due to drought conditions and plant establishment. These trial results should not be used to make variety selection decisions.		This trial has a CV greater than 15% indicating high variability across the trial. These trial results should not be used to make variety selection decisions.		This trial experienced drought conditions and poor establishment resulting in a variable trial. This trial has a CV greater than 15% indicating high variability across the trial.		This trial displayed a high degree of variability due to drought conditions and plant establishment. These trial results should not be used to make variety selection decisions.	

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Triazine Canola Trial Yield data

Region	S/E Grenfell Canola		S/E Temora Canola		S/W Condobolin Canola		S/W Beckom Canola		S/W Lockhart Canola	
Nearest Town	CMTA18GREN2		CMTA18TEMO2		CETA18CONA2		CMTA18BECK2		CMTA18LOCK2	
Crop Type	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%
Trial ID										
Variety Name										
ATR Bonito	0.37	79	0.59	95	0.49	115	0.73	90	0.36	52
ATR Mako	0.45	95	0.43	69	-	-	0.7	87	0.5	72
ATR Stingray	-	-	-	-	0.44	103	0.64	80	0.37	53
ATR Wahoo	0.44	93	0.46	74	-	-	0.61	76	0.31	45
BASF 3000 TR	-	-	-	-	0.32	75	0.71	88	0.79	115
CHYB3385TT	0.57	121	0.7	113	0.64	150	1.01	125	0.81	118
DG 560TT	0.53	111	0.55	89	-	-	0.77	96	0.76	110
DG 670TT	0.44	92	0.55	90	-	-	0.84	103	0.43	62
Filler 4	-	-	-	-	-	-	-	-	-	-
Hyola 350TT	0.6	127	0.91	147	0.35	83	1.09	135	0.84	122
Hyola 550TT	0.46	98	0.77	125	-	-	1.05	130	0.9	130
Hyola 559TT	0.52	111	0.83	135	0.42	99	1.08	134	0.81	118
Hyola 580CT	0.44	93	0.67	109	-	-	0.86	106	0.55	80
Hyola 650TT	0.42	89	0.78	127	-	-	0.96	119	0.8	115
HyTTec Trophy	0.63	134	0.64	104	0.43	101	1.02	126	1.07	155
InVigor T 3510	-	-	-	-	0.57	133	0.81	100	0.82	118
InVigor T 4510	0.56	117	0.73	119	0.46	107	1.08	134	0.62	90
M47031	-	-	0.66	108	0.34	80	0.78	96	-	-
M77001	0.44	92	0.8	129	-	-	-	-	0.74	108
Monola 416TT	0.23	49	0.34	56	0.4	95	0.56	70	0.37	54
NCH15T092	0.6	127	0.74	119	-	-	-	-	-	-
NCH15T103	0.79	166	0.76	124	0.59	139	1.12	139	1.12	161
NCH16T324	0.78	165	0.84	136	-	-	0.95	118	1.05	153
NEX9080TT	0.23	48	0.39	63	0.27	64	0.36	45	0.37	53
NL1015	0.29	62	-	-	0.47	111	-	-	0.67	97
NT0218	0.26	55	0.31	50	0.36	85	0.48	60	-	-
PHT-1801	0.45	94	0.49	79	-	-	0.51	63	0.44	64
Pioneer 44T02 TT	0.54	113	0.7	114	0.43	101	0.98	121	0.99	144

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Region	S/E Grenfell Canola		S/E Temora Canola		S/W Condobolin Canola		S/W Beckom Canola		S/W Lockhart Canola	
Nearest Town	CMTA18GREN2		CMTA18TEMO2		CETA18CONA2		CMTA18BECK2		CMTA18LOCK2	
Crop Type	t/ha	%	t/ha	%	t/ha	%	t/ha	%	t/ha	%
Trial ID										
Variety Name										
Pioneer 45T03 TT	0.56	118	0.62	100	-	-	-	-	0.68	99
RT81886	0.49	104	0.6	98	-	-	0.92	114	0.91	131
SF Ignite TT	0.54	115	0.66	107	-	-	0.54	67	0.48	69
SF Spark TT	-	-	0.79	129	-	-	0.87	108	0.82	119
SF Turbine TT	0.6	126	0.52	85	0.38	90	0.91	112	0.75	109
SFR65-017	-	-	0.51	83	0.49	115	0.8	99	0.76	109
T69224	0.36	76	0.42	69	0.23	55	0.5	62	0.5	73
T69225	0.13	26	0.35	56	-	-	-	-	-	-
Site Mean (t/ha)	0.47		0.62		0.43		0.81		0.69	
CV (%)	12.4		13.97		19.49		12.65		14.28	
Probability	<0.001		<0.001		<0.001		<0.001		<0.001	
LSD (t/ha)	0.1	20	0.15	24	0.14	32	0.18	22	0.17	24
Analysis Date	10-Dec-2018		22-Nov-2018		14-Nov-2018		20-Nov-2018		22-Nov-2018	
Sowing Date	09-May-2018		09-May-2018		09-May-2018		07-May-2018		08-May-2018	
Trial Comments	This trial displayed a high degree of variability due to drought conditions and plant establishment. These trial results should not be used to make variety selection decisions.		This trial displayed a high degree of variability due to drought conditions and plant establishment. These trial results should not be used to make variety selection decisions.		This trial has a CV greater than 15% indicating high variability across the trial. These trial results should not be used to make variety selection decisions.		This trial displayed a high degree of variability due to drought conditions and plant establishment and indicated by the high CV of 12.65%. These trial results should not be used to make variety selection decisions.		This trial displayed a high degree of variability due to drought conditions and plant establishment. These trial results should not be used to make variety selection decisions.	

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Roundup Ready Canola Trial Yield data

Region	S/E		S/W		S/W		S/W	
Nearest Town	Temora		Condobolin		Lockhart		Beckom	
Crop Type	Canola		Canola		Canola		Canola	
Trial ID	CMRA18TEMO2		CERA18CONA2		CMRA18LOCK2		CMRA18BECK2	
Variety Name	t/ha	%	t/ha	%	t/ha	%	t/ha	%
DG 408RR	-	-	0.56	101	0.86	117	0.97	124
DG 460RR	0.74	86	-	-	0.62	85	0.82	105
Hyola 404RR	-	-	0.52	94	0.58	80	0.86	109
Hyola 506RR	0.85	99	0.63	114	0.5	69	0.74	94
InVigor R 3520	-	-	0.55	101	0.81	112	0.91	115
InVigor R 4020P	1.02	118	0.62	114	0.72	99	0.8	101
InVigor R 5520P	1.05	122	0.54	99	0.73	100	0.87	110
M36416	-	-	-	-	0.74	101	-	-
Monola G11	-	-	-	-	0.82	113	0.7	88
NCH14G066	0.82	95	-	-	0.82	113	0.7	90
NCH16G342	0.8	92	0.55	100	0.66	91	0.75	96
Nuseed GT-42	0.88	102	0.57	104	0.86	118	0.97	123
Nuseed GT-53	0.89	104	-	-	0.8	110	1.03	131
PHR-1802	0.89	103	-	-	0.89	123	-	-
PHR-1803	0.87	101	-	-	0.69	94	-	-
Pioneer 43Y23 (RR)	-	-	0.53	97	0.69	95	0.9	114
Pioneer 44Y27 (RR)	1.09	126	-	-	0.7	97	1.05	134
Pioneer 45Y25 (RR)	-	-	-	-	0.61	84	-	-
Pioneer 45Y28 RR	0.88	102	-	-	0.96	132	0.81	103
RR81565	0.89	103	0.43	78	-	-	-	-
RR81589	0.88	102	-	-	-	-	0.79	101
SN-ALJ 14-1757	0.97	112	-	-	0.98	134	0.76	97
SN-ALJ 15-4108	0.74	86	-	-	0.8	110	0.71	90
SN-FBN 15-4264	0.58	67	-	-	0.26	36	0.3	38
SN-FBN 15-4318	0.71	82	-	-	0.76	104	0.47	60
VICTORY V5003RR	0.77	89	-	-	0.8	110	0.74	94
Site Mean (t/ha)	0.86		0.55		0.73		0.79	
CV (%)	10.05		15.66		13.38		12.97	
Probability	<0.001		<0.001		<0.001		<0.001	
LSD (t/ha)	0.15	17	0.14	26	0.16	23	0.17	22
Analysis Date	22-Nov-2018		14-Nov-2018		22-Nov-2018		20-Nov-2018	
Sowing Date	09-May-2018		09-May-2018		08-May-2018		07-May-2018	
Trial Comments	This trial displayed a high degree of variability due to drought conditions and plant establishment. These trial results should not be used to make variety selection decisions.		This trial has a CV greater than 15% indicating high variability across the trial. These trial results should not be used to make variety selection decisions.		This trial displayed a high degree of variability due to drought conditions and plant establishment. These trial results should not be used to make variety selection decisions.		This trial displayed a high degree of variability due to drought conditions and plant establishment and indicated by the high CV of 12.97%. These trial results should not be used to make variety selection decisions.	

2018 Quarantine Report NSW Chickpea

Region	N/W		N/W	
Nearest Town	Tulloona		Tulloona	
Crop Type	Chickpea		Chickpea	
Trial ID	DMA18TULO2		DMA18TULO2	
Variety Name	t/ha	%	t/ha	%
Almaz	-	-	0.84	98
CICA1156	-	-	1.1	128
CICA1352	-	-	0.76	89
CICA1454	-	-	0.83	97
CICA1521	0.93	99	-	-
CICA1551	-	-	0.73	85
CICA1552	-	-	0.88	102
CICA1652	-	-	0.82	95
CICA1718	0.96	101	-	-
CICA1728	0.79	84	-	-
CICA1731	0.92	97	-	-
CICA1732	0.98	104	-	-
CICA1735	0.96	101	-	-
CICA1751	-	-	0.78	91
CICA1811	1.07	113	-	-
CICA1812	0.87	92	-	-
CICA1813	0.85	90	-	-
CICA1814	0.9	95	-	-
Genesis 090	-	-	1.01	118
Genesis 425	-	-	0.99	115
Genesis Kalkee	-	-	0.9	105
Jimbour	0.94	99	-	-
Kyabra	1.07	113	-	-
PBA Boundary	1.12	119	-	-
PBA Drummond	1.05	111	-	-
PBA HatTrick	0.95	101	-	-
PBA Monarch	-	-	0.67	78
PBA Seamer	0.77	82	-	-
Site Mean (t/ha)	0.95		0.86	
CV (%)	16.45		18.1	
Probability	0.3162		0.0512	
LSD (t/ha)	0.25	26	0.25	29
Analysis Date	19-Nov-2018		19-Nov-2018	
Sowing Date	24-May-2018		24-May-2018	
Trial Comments	This trial has a CV greater than 15% indicating high variability across the trial. These trial results should not be used to make variety selection decisions		This trial has a CV greater than 15% indicating high variability across the trial. These trial results should not be used to make variety selection decisions	

2018 Quarantine Report NSW Oats

Region Nearest Town Crop Type Trial ID Variety Name	S/E Quandialla Oat OMaA18QUAN2		S/E Wagga Wagga Oat OMaA18WARI2	
	t/ha	%	t/ha	%
Bannister	0.87	119	1.59	97
Durack	0.82	113	1.64	101
Kowari	0.64	88	1.6	98
Mitika	0.61	84	1.75	107
Possum	0.74	102	1.47	90
SV05096-32	0.84	116	1.32	81
SV06204-16	0.71	98	1.93	118
SV07492-2	0.73	101	1.87	115
SV09036-3	0.79	109	1.86	114
SV09036-31	0.58	80	1.9	116
SV09143-21	0.96	132	1.68	103
SV09143-35	0.67	92	1.11	68
SV09262-40	0.89	122	1.63	100
Williams	0.46	63	1.7	104
Wombat	0.65	89	1.4	86
Yallara	0.67	92	1.67	102
Site Mean (t/ha)	0.73		1.63	
CV (%)	23.42		6.11	
Probability	0.1472		<0.001	
LSD (t/ha)	0.28	38	0.17	10
Analysis Date	26-Nov-2018		06-Dec-2018	
Sowing Date	20-May-2018		17-May-2018	
Trial Comments	This trial experienced drought conditions and poor establishment resulting in a variable trial. This trial has a CV greater than 15% indicating high variability across the trial. These trial results should not be used to make variety selection decisions		WARNING: THIS TRIAL WAS SEVERELY AFFECTED BY FROST. Frost will affect varieties differently and trial results will be unreliable and not a true reflection of variety performance or ranking. These trial results should not be used to make variety selection decisions.	