



2022 OREGON SOFT WINTER WHEAT YIELD TRIALS Ontario (Furrow Irrigated)



Site Description: Trial was relatively uniform.

Variety	Herbicide Resistance	Class	2022 Yield		2-Year		3-Year		4-Year		Best Estimate* Yield bu/ac
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank	
M-Pire (2021 TMC Exp.)		SWW	152	3							133 ± 14
LWW19-6591		SWW	152	5							132 ± 14
LCS Blackjack		SWW	157	1	135	1	122	1	130	1	130 ± 7
LWW17-5877		SWW	157	2	133	2					129 ± 10
LCS Shine		SWW	141	13	130	3	118	2	126	2	126 ± 7
LWW19-6219		SWW	146	8							126 ± 14
AP Exceed		SWW	152	6	130	5					126 ± 10
LCS Artdeco		SWW	145	10	128	6	114	4	122	3	122 ± 7
Norwest Duet		SWW	140	14	123	11	112	5	121	4	121 ± 7
09PN118-02 CL2	CL+	SWW	145	9	125	8					121 ± 10
LCS Drive		SWW	136	25	130	4	116	3	121	5	121 ± 7
UIL 14-085001A		SWW	140	17							120 ± 14
UIL 17-7706 CL+	CL+	SWW	138	22	123	10					120 ± 10
LWW19-1576		SWW	139	18							120 ± 14
WB1922		SWW	139	19							119 ± 14
Rosalyn		SWW	140	16	121	16	107	13	118	6	118 ± 7
SY Dayton		SWW	152	4	125	7	110	9	118	7	118 ± 7
LCS Jefe (LWW17-8185)		SWW	134	27	117	24	110	8			118 ± 8
UIL 16-072025		SWW	137	24							117 ± 14
Piranha CL+	CL+	SWW	134	26	123	12	109	10			117 ± 8
OR2160243		SWW	142	12	121	14					117 ± 10
OR2130755		SWW	137	23	119	19	110	7	117	8	117 ± 7
OR2160264		SWW	138	21	121	15					117 ± 10
M-Press		SWW	148	7	124	9	111	6	116	9	116 ± 7
Bobtail		SWW	131	36	119	20	109	11	116	10	116 ± 7
OR2170559		SWW	144	11	120	17					116 ± 10
Nixon		SWW	140	15	121	13	107	12	116	11	116 ± 7
UI Magic CL+	CL+	SWW	133	30	117	22	106	14	115	12	115 ± 7
LWW19-2232		SWW	133	29							114 ± 14
Norwest Tandem		SWW	133	28	114	27	105	15	114	13	114 ± 7
Stephens		SWW	126	41	114	26	104	17	114	14	114 ± 7
OR2180149		SWW	133	32							113 ± 14
Cameo		Club	128	40	117	23					113 ± 10
WB1621		SWW	132	33							113 ± 14
AP Iliad		SWW	131	35	119	18	104	16			112 ± 8
ORI2190027 CL+	CL+	SWW	124	44	116	25					112 ± 10
WB1720		SWW	131	37							111 ± 14
LWW19-5862		SWW	131	38							111 ± 14
Sockeye CL+	CL+	SWW	112	52	114	28	103	20			111 ± 8
WA8371		SWW	130	39							111 ± 14
VI Presto CL+	CL+	SWW	120	50	113	29	103	18	110	15	110 ± 7
VI Voodoo CL+	CL+	SWW	122	46	110	33	101	22			109 ± 8
SY Assure		SWW	139	20	118	21	103	19	109	16	109 ± 7
IDO2008		SWW	132	34	112	30					108 ± 10
Appleby CL+	CL+	SWW	133	31	111	32	101	21	108	17	108 ± 7
OR5180071		Club	123	45	111	31					107 ± 10
15-451104B		SWW	125	42							106 ± 14
Stingray CL+	CL+	SWW	124	43	106	34	94	24	104	18	104 ± 7
WA8307		SWW	104	54	99	37	94	23			102 ± 8
ORI2190025 CL+	CL+	SWW	120	48	106	35					102 ± 10
UIL 15-423062A		SWW	121	47							101 ± 14
OR2180377		SWW	120	49							101 ± 14
OR2x2 CL+	CL+	SWW	115	51	101	36	92	25	100	19	100 ± 7
ARS09500-17CBW		Club	109	53							90 ± 14
		Average	134		119		107		116		115
		LSD (0.05)	15								
		CV (%)	8.1								

*Best linear unbiased estimators (BLUEs) are best estimators of variety performance relative to other varieties, based on up to four years of data.



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Site Description: Trial was relatively uniform.

Variety	Class	Quality*	Height in	Test Weight lbs/bu	Protein %	Lodging %
M-Pire (2021 TMC Exp.)	SWW		36.7	59.3	10.2	0
LWW19-6591	SWW		38.0	58.6	9.9	3
LCS Blackjack	SWW	D	39.0	57.7	10.5	0
LWW17-5877	SWW		40.0	57.8	10.5	2
LCS Shine	SWW	MD	33.7	58.2	10.6	0
LWW19-6219	SWW		42.7	58.2	10.7	0
AP Exceed	SWW		41.0	58.4	9.7	0
LCS Artdeco	SWW	A	37.0	55.8	10.1	0
Norwest Duet	SWW	D	44.7	57.1	10.7	3
09PN118-02 CL2	SWW		42.7	58.0	10.3	0
LCS Drive	SWW	D	33.0	55.4	10.8	0
UIL 14-085001A	SWW		42.7	56.8	10.0	5
UIL 17-7706 CL+	SWW		41.0	57.8	11.0	18
LWW19-1576	SWW		37.0	57.4	10.5	0
WB1922	SWW		43.3	58.5	10.8	0
Rosalyn	SWW	A	41.3	57.9	10.4	13
SY Dayton	SWW	A	41.0	58.7	10.0	3
LCS Jefe (LWW17-8185)	SWW		41.0	56.6	10.4	25
UIL 16-072025	SWW		44.0	58.3	10.6	63
Piranha CL+	SWW	D	44.0	56.6	10.2	43
OR2160243	SWW		41.0	57.4	10.6	23
OR2130755	SWW		43.7	57.7	10.3	28
OR2160264	SWW		40.0	56.6	11.0	0
M-Press	SWW	D	40.0	58.8	9.5	0
Bobtail	SWW	MD	39.3	55.4	10.5	2
OR2170559	SWW		38.0	56.6	10.6	0
Nixon	SWW	MD	42.3	56.2	10.8	0
UI Magic CL+	SWW	D	40.7	57.9	10.9	2
LWW19-2232	SWW		44.0	56.8	10.7	67
Norwest Tandem	SWW	A	35.3	57.2	10.0	0
Stephens	SWW	D	42.7	56.4	11.1	18
OR2180149	SWW		41.3	55.3	10.6	17
Cameo	Club		41.0	56.1	10.7	7
WB1621	SWW		40.0	60.2	11.2	20
AP Iliad	SWW	A	40.3	58.3	11.7	10
ORI2190027 CL+	SWW		39.0	59.7	11.5	0
WB1720	SWW		36.7	56.8	11.0	0
LWW19-5862	SWW		39.3	54.4	10.5	0
Sockeye CL+	SWW	MD	44.0	54.9	10.8	93
WA8371	SWW		41.7	59.3	10.6	47
VI Presto CL+	SWW	D	43.0	57.8	11.6	0
VI Voodoo CL+	SWW	D	39.0	55.3	11.1	0
SY Assure	SWW	D	38.3	59.0	11.1	7
IDO2008	SWW		43.0	56.1	10.8	0
Appleby CL+	SWW	D	41.7	58.0	11.4	0
OR5180071	Club		41.3	55.7	11.5	2
15-451104B	SWW		41.0	54.1	10.6	2
Stingray CL+	SWW	D	40.0	56.3	11.1	0
WA8307	SWW		41.3	56.6	11.4	0
ORI2190025 CL+	SWW		37.3	57.5	10.9	0
UIL 15-423062A	SWW		42.0	54.6	10.4	23
OR2180377	SWW		39.0	55.9	11.1	23
OR2x2 CL+	SWW	D	42.0	57.1	11.0	2
ARS09500-17CBW	Club		40.3	57.4	11.2	50
Average			40.4	57.2	10.7	12
LSD (0.05)			1.8	1.2	0.8	22.7
CV (%)			3.3	1.5	5.7	

*Quality ratings assigned by the USDA Western Wheat Quality Laboratory.

Quality Ratings: MD = Most Desirable; D = Desirable; A = Acceptable; LD = Least Desirable; UCS = Unacceptable Except Customer-Specific Uses



2022 OREGON SOFT WINTER WHEAT YIELD TRIALS
Ontario (Furrow Irrigated)



Site Description: Trial was relatively uniform.

Planting Date: 11-5-2022

Harvest Date: 8-16-2022

Site Location: 43.9836, -117.0231

Row Spacing: 9"

Plot Length: ~20'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice