



2023 OREGON SOFT WINTER WHEAT YIELD TRIALS Ontario (Furrow Irrigated)



Site Description: Trial was relatively uniform.

Variety	Herbicide Resistance	Class	2023 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	
LCS Blackjack		SWW	168	1	162	1	146	1	134	1	134 ± 8
TMC M-Pire		SWW	156	9	154	4					131 ± 12
LCS Kamiak (LWW17-5877)		SWW	160	6	158	2	142	2			131 ± 10
OR5180072		Club	160	5							131 ± 17
AP Exceed (11PN039#20)		SWW	162	4	157	3	141	3			130 ± 10
WB1922		SWW	166	2	152	5					129 ± 12
VI Shock		SWW	156	8							127 ± 17
LCS Shine		SWW	151	24	146	14	137	4	126	2	126 ± 8
LWW19-6219		SWW	152	21	149	10					125 ± 12
Norwest Duet		SWW	163	3	151	6	136	5	125	3	125 ± 8
UIL 14-211120A		SWW	153	14							124 ± 17
09PN118-02 CL2	CL+	SWW	155	12	150	7	135	7			124 ± 10
CPX69217		SWW	153	18							123 ± 17
LCS Artdeco		SWW	152	19	149	9	136	6	123	4	123 ± 8
UIL 17-7706 CL+	CL+	SWW	156	10	147	13	134	8			123 ± 10
LWW20-3371		SWW	151	22							122 ± 17
LCS Drive		SWW	141	37	139	25	134	9	122	5	122 ± 8
TMC M-Press		SWW	150	27	149	8	133	10	121	6	121 ± 8
OR2160243		SWW	153	16	148	11	132	12			121 ± 10
Nimbus (OR2130755)		SWW	153	15	145	15	130	14	121	7	121 ± 8
LCS Jefe		SWW	151	23	143	19	128	17	120	8	120 ± 8
Cameo		Club	159	7	143	17	131	13			120 ± 10
WB1621		SWW	153	17	143	20					119 ± 12
Rosalyn		SWW	154	13	147	12	132	11	119	9	119 ± 8
OR2200083 CL+	CL+	SWW	148	29							119 ± 17
WB1720		SWW	150	26	141	22					117 ± 12
OR2170559		SWW	146	30	145	16	128	18			117 ± 10
OR2160264		SWW	142	36	140	24	128	19			117 ± 10
Nixon		SWW	145	31	143	18	129	16	117	10	117 ± 8
AP Iliad		SWW	151	25	141	21	129	15	116	11	116 ± 8
VI Presto CL+ (UIL 17-6451 CL+)	CL+	SWW	150	28	135	31	125	22	115	12	115 ± 8
VI Voodoo CL+	CL+	SWW	155	11	139	26	125	21	115	13	115 ± 8
Norwest Tandem		SWW	143	34	138	27	124	25	114	14	114 ± 8
LCS Hydra AX	AX	SWW	143	33							114 ± 17
UI Magic CL+	CL+	SWW	140	40	136	29	125	24	114	15	114 ± 8
OR5180071		Club	152	20	138	28	125	23			114 ± 10
SY Assure		SWW	143	35	141	23	126	20	113	16	113 ± 8
ORI2190027 CL+	CL+	SWW	139	41	131	34	123	26			112 ± 10
Stephens		SWW	139	42	133	33	123	27	112	17	112 ± 8
LWWA19-0293	AX	SWW	140	38							111 ± 17
Appleby CL+	CL+	SWW	138	43	135	30	120	28	110	18	110 ± 8
Piranha CL+ (WA8305 CL+)	CL+	SWW	113	52	124	36	120	29	110	19	110 ± 8
OR2180377		SWW	145	32	133	32					109 ± 12
WA8346 AX	AX	SWW	136	44							107 ± 17
ORI2190025 CL+	CL+	SWW	140	39	130	35	117	30			106 ± 10
LCS Dagger AX	AX	SWW	133	45							104 ± 17
Sockeye CL+ (WA8306 CL+)	CL+	SWW	105	53	108	37	111	31	103	20	103 ± 8
LWWA19-0294	AX	SWW	132	46							103 ± 17
LCS Scorpion AX	AX	SWW	126	47							97 ± 17
WA8345 AX	AX	SWW	119	48							90 ± 17
WA8349 AX	AX	SWW	119	49							90 ± 17
LCS Kraken AX	AX	SWW	117	50							88 ± 17
WA8348 AX	AX	SWW	115	51							86 ± 17
ARS09500-17CBW		Club	97	54	103	38					80 ± 12
		Average	144		141		129		118		115
		LSD (0.05)	15								
		CV (%)	7.5								

*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 %
LCS Blackjack	SWW	D	37.0	60.6	12.0	3
TMC M-Pire	SWW		34.0	61.9	11.8	0
LCS Kamiak (LWW17-5877)	SWW		35.9	61.0	12.1	0
OR5180072	Club		39.6	59.6	12.2	0
AP Exceed (11PN039#20)	SWW	MD	35.7	62.8	11.2	0
WB1922	SWW		40.2	61.4	12.4	13
VI Shock	SWW		40.0	60.6	11.2	18
LCS Shine	SWW	MD	31.2	62.4	11.5	5
LWW19-6219	SWW		39.8	61.6	12.3	0
Norwest Duet	SWW	D	41.8	62.3	11.5	0
UIL 14-211120A	SWW		37.2	60.9	11.2	0
09PN118-02 CL2	SWW		39.9	61.1	11.9	0
CPX69217	SWW		31.7	61.9	11.1	0
LCS Artdeco	SWW	A	34.4	60.6	11.6	27
UIL 17-7706 CL+	SWW		37.2	62.1	11.8	0
LWW20-3371	SWW		29.4	60.9	12.5	0
LCS Drive	SWW	D	30.0	58.1	11.8	0
TMC M-Press	SWW	D	38.5	61.7	11.8	0
OR2160243	SWW		37.1	60.5	11.8	0
Nimbus (OR2130755)	SWW	MD	39.7	61.8	11.8	3
LCS Jefe	SWW	D	35.3	62.1	10.9	7
Cameo	Club	MD	39.5	60.3	12.0	3
WB1621	SWW		37.2	64.3	11.5	0
Rosalyn	SWW	A	38.2	60.9	11.1	0
OR2200083 CL+	SWW		36.7	61.1	12.4	0
WB1720	SWW		34.8	60.8	12.7	0
OR2170559	SWW		34.8	60.2	11.7	0
OR2160264	SWW		36.2	60.4	12.1	17
Nixon	SWW	MD	39.4	60.3	11.6	0
AP Iliad	SWW	A	35.2	61.4	12.5	0
VI Presto CL+ (UIL 17-6451 CL+)	SWW	D	39.0	62.5	11.6	0
VI Voodoo CL+	SWW	D	35.3	60.7	12.0	0
Norwest Tandem	SWW	A	31.8	60.7	11.5	0
LCS Hydra AX	SWW		38.5	62.4	11.9	8
UI Magic CL+	SWW	D	36.6	62.5	12.2	13
OR5180071	Club		38.7	60.5	12.6	0
SY Assure	SWW	D	35.2	62.0	12.4	0
ORI2190027 CL+	SWW		35.3	62.3	12.4	2
Stephens	SWW	D	38.0	60.0	11.8	32
LWWA19-0293	SWW		34.5	63.2	12.3	7
Appleby CL+	SWW	D	38.1	61.6	12.2	0
Piranha CL+ (WA8305 CL+)	SWW	D	40.2	60.1	11.7	67
OR2180377	SWW		36.0	60.4	11.9	5
WA8346 AX	SWW		40.1	60.2	11.2	27
ORI2190025 CL+	SWW		33.2	59.2	12.4	0
LCS Dagger AX	SWW		36.1	63.2	12.1	25
Sockeye CL+ (WA8306 CL+)	SWW	MD	38.3	58.3	12.7	68
LWWA19-0294	SWW		34.5	62.3	12.2	50
LCS Scorpion AX	SWW		38.1	60.9	12.0	47
WA8345 AX	SWW		38.5	60.6	12.9	62
WA8349 AX	SWW		38.5	61.9	12.9	75
LCS Kraken AX	SWW		38.6	61.6	13.3	75
WA8348 AX	SWW		37.9	62.8	11.6	58
ARS09500-17CBW	Club		37.0	60.8	13.5	62
Average			36.8	61.2	12.0	14
LSD (0.05)			1.2	0.8	0.7	22.8
CV (%)			2.4	1.0	3.9	

*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



2023 OREGON SOFT WINTER WHEAT YIELD TRIALS
Ontario (Furrow Irrigated)



Site Description: Trial was relatively uniform.

Planting Date: 11-2-2022

Harvest Date: 7-27-2023

Site Location: 43.9800, -117.0167

Row Spacing: 9"

Plot Length: ~20'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice