



2023 OREGON SOFT WINTER WHEAT YIELD TRIALS
Klamath Falls (Irrigated)



Site Description: Trial was relatively uniform.

Multi-year averages include data from 2023, 2021, 2020, and 2019

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	
UIL 14-211120A		SWW	151	1							148 ± 28
AP Exceed		SWW	146	2	145	1					146 ± 20
LCS Scorpion AX	AX	SWW	142	3							139 ± 28
WA8349 AX	AX	SWW	141	4							138 ± 28
LCS Dagger AX	AX	SWW	141	5							138 ± 28
LWWA19-0293	AX	SWW	140	6							137 ± 28
LWWA19-0294	AX	SWW	138	8							134 ± 28
Norwest Duet		SWW	123	27	118	10	131	1	130	1	130 ± 14
LCS Kamiak (LWW17-5877)		SWW	131	11	128	2					130 ± 20
LWW19-6219		SWW	132	10							129 ± 28
LCS Blackjack		SWW	124	24	117	13	124	3	129	2	129 ± 14
AP Iliad		SWW	127	18	126	3					128 ± 20
WB1621		SWW	131	12							127 ± 28
LCS Hydra AX	AX	SWW	129	16							125 ± 28
TMC M-Press		SWW	111	48	115	15	122	4	125	3	125 ± 14
CPX69217		SWW	127	19							124 ± 28
LWW20-3371		SWW	126	20							123 ± 28
Nimbus (OR2130755)		SWW	131	13	120	7					123 ± 16
OR2160243		SWW	119	36	120	6					122 ± 20
Sockeye CL+ (WA8306 CL+)	CL+	SWW	124	22							121 ± 28
Rosalyn		SWW	114	44	111	18	121	5	120	4	120 ± 14
Piranha CL+ (WA8305 CL+)	CL+	SWW	123	25							120 ± 28
VI Voodoo CL+	CL+	SWW	123	26							120 ± 28
UI Magic CL+	CL+	SWW	133	9							120 ± 20
LCS Shine		SWW	140	7	124	4	125	2	119	5	119 ± 14
09PN118-02 CL2	CL+	SWW	122	28	118	11					119 ± 20
Nixon		SWW	109	50	106	21	115	6	119	6	119 ± 14
LCS Kraken AX	AX	SWW	122	30							118 ± 28
WB1720		SWW	121	31							118 ± 28
Norwest Tandem		SWW	118	37	117	12					118 ± 16
LCS Jefe		SWW	130	14	116	14					118 ± 20
ARS09500-17CBW		Club	121	32							118 ± 28
UIL 17-7706 CL+	CL+	SWW	120	33							117 ± 28
LCS Artdeco		SWW	128	17	123	5					117 ± 16
TMC M-Pire		SWW	120	34							116 ± 28
ORI2190027 CL+	CL+	SWW	119	35							116 ± 28
OR2170559		SWW	129	15	114	16					116 ± 20
Cameo		Club	116	39	114	17					116 ± 20
VI Presto CL+	CL+	SWW	116	38							113 ± 28
WA8345 AX	AX	SWW	115	40							112 ± 28
OR2200083 CL+	CL+	SWW	115	41							112 ± 28
WA8348 AX	AX	SWW	115	43							112 ± 28
OR2160264		SWW	122	29	110	19					112 ± 20
OR2180377		SWW	113	46							110 ± 28
OR5180071		Club	106	52	108	20					109 ± 20
SY Assure		SWW	124	23	119	9					109 ± 16
VI Shock		SWW	112	47							109 ± 28
LCS Drive		SWW	126	21	120	8					108 ± 16
WB1922		SWW	110	49							107 ± 28
Appleby CL+	CL+	SWW	114	45							106 ± 20
WA8346 AX	AX	SWW	108	51							105 ± 28
Stephens		SWW	115	42							103 ± 16
ORI2190025 CL+	CL+	SWW	106	53							103 ± 28
OR5180072		Club	105	54							102 ± 28
		Average	123		119		123		124		120
		LSD (0.05)	13								
		CV (%)	7.8								

*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 %
UIL 14-211120A	SWW		34.2	57.9	11.6
AP Exceed	SWW	MD	33.3	60.6	10.0
LCS Scorpion AX	SWW		34.1	58.2	10.4
WA8349 AX	SWW		35.9	60.4	11.5
LCS Dagger AX	SWW		30.7	62.8	11.3
LWWA19-0293	SWW		29.7	63.2	10.3
LWWA19-0294	SWW		31.2	62.6	10.3
Norwest Duet	SWW	D	38.3	57.4	11.4
LCS Kamiak (LWW17-5877)	SWW		33.0	60.3	10.9
LWW19-6219	SWW		32.2	59.7	10.8
LCS Blackjack	SWW	D	32.4	55.9	11.5
AP Iliad	SWW	A	31.2	57.0	12.0
WB1621	SWW		33.5	60.6	11.6
LCS Hydra AX	SWW		34.8	60.4	10.2
TMC M-Press	SWW	D	33.5	56.4	11.2
CPX69217	SWW		31.7	58.2	11.5
LWW20-3371	SWW		25.5	60.9	11.3
Nimbus (OR2130755)	SWW	MD	34.8	58.7	11.0
OR2160243	SWW		32.4	55.6	12.1
Sockeye CL+ (WA8306 CL+)	SWW	MD	37.9	56.5	10.7
Rosalyn	SWW	A	33.7	55.1	11.1
Piranha CL+ (WA8305 CL+)	SWW	D	38.6	58.6	10.4
VI Voodoo CL+	SWW	D	30.6	57.8	10.7
UI Magic CL+	SWW	D	32.4	60.2	11.2
LCS Shine	SWW	MD	29.0	59.1	10.4
09PN118-02 CL2	SWW		34.8	55.8	11.6
Nixon	SWW	MD	35.1	55.4	11.2
LCS Kraken AX	SWW		37.8	58.9	10.9
WB1720	SWW		30.7	58.8	11.9
Norwest Tandem	SWW	A	28.4	57.1	11.7
LCS Jefe	SWW	D	34.7	58.9	10.9
ARS09500-17CBW	Club		36.9	58.7	12.3
UIL 17-7706 CL+	SWW		33.4	57.8	11.6
LCS Artdeco	SWW	A	30.9	59.4	9.8
TMC M-Pire	SWW		30.8	58.8	11.2
ORI2190027 CL+	SWW		31.6	60.2	11.0
OR2170559	SWW		32.2	58.4	12.3
Cameo	Club	MD	36.6	54.2	13.2
VI Presto CL+	SWW	D	35.1	58.7	11.8
WA8345 AX	SWW		36.7	57.7	11.3
OR2200083 CL+	SWW		33.4	56.3	11.7
WA8348 AX	SWW		37.4	57.8	12.3
OR2160264	SWW		31.8	58.2	11.9
OR2180377	SWW		33.4	54.4	11.1
OR5180071	Club		34.6	56.1	12.6
SY Assure	SWW	D	28.1	61.0	10.8
VI Shock	SWW		36.1	54.5	11.1
LCS Drive	SWW	D	28.3	54.5	11.7
WB1922	SWW		35.1	56.5	12.6
Appleby CL+	SWW	D	33.5	59.4	12.0
WA8346 AX	SWW		35.3	55.9	11.2
Stephens	SWW	D	34.0	55.3	11.5
ORI2190025 CL+	SWW		31.0	54.5	13.0
OR5180072	Club		34.8	54.7	12.4
Average			33.3	58.0	11.4
LSD (0.05)			1.6	1.9	1.0
CV (%)			3.5	2.2	6.1

*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



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Site Description: Trial was relatively uniform.

Site Location: 42.0012, -121.5110

Row Spacing: 6"

Plot Length: ~20'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice