



Oregon State University

2024 OREGON SOFT WINTER WHEAT YIELD TRIALS Lexington (No-Till)

Site Description: Trial was relatively uniform.



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Variety	Herbicide Traits	Quality*	Class	Yield (bu/acre)						
				2024		2-Year Average	3-Year Average	4-Year Average	5-Year Average	Best Estimate**
				Yield	Rank					
LCS Jefe		D	SWW	69	1	46	57	52	53	53 ± 4
LWWC21-0317	CL+		SWW	64	3					52 ± 9
LCS Hydra AX	AX		SWW	61	10	46				51 ± 7
LCS Drive		D	SWW	58	23	46	53	50	51	51 ± 4
LCS Shine		MD	SWW	64	4	36	51	48	50	50 ± 4
LCS Kamiak		A	SWW	62	8	47	55	50		50 ± 5
TMC M-Pire		D	SWW	65	2	46	54			49 ± 5
AP Olympia			SWW	61	11					49 ± 9
Norwest Tandem		A	SWW	59	20	45	54	49	49	49 ± 4
LWWA22-D33	AX		SWW	61	13					48 ± 9
AP Exceed		MD	SWW	60	15	40	52	48		48 ± 5
Rosalyn		A	SWW	56	34	43	52	47	48	48 ± 4
VI Gem (UIL 13-046145A)			SWW	64	5					48 ± 7
LCS Blackjack		D	SWW	57	30	40	50	46	48	48 ± 4
LCS Scorpion AX	AX		SWW	57	27	43				47 ± 7
SY Assure		D	SWW	57	31	43	50	46	47	47 ± 4
TMC M-Press		D	SWW	59	16	42	52	47	47	47 ± 4
ORI2190027 CL+	CL+		SWW	61	9	44	49	46		47 ± 5
VI Encore CL+ (UIL 17-7706 CL+)	CL+	D	SWW	63	6	43	51	46		47 ± 5
LWW20-2383			SWW	59	18					47 ± 9
Nimbus		MD	SWW	57	24	42	52	47	46	46 ± 4
LWW21-1834			SWW	58	22					46 ± 9
Appleby CL+	CL+	D	SWW	60	14	44	52	47	46	46 ± 4
AP Iliad		A	SWW	54	41	41	50	46	46	46 ± 4
Sockeye CL+	CL+	MD	SWW	56	37	41	52	46	46	46 ± 4
ARS Castella		MD	Club	59	21					45 ± 7
LWWC21-0119	CL+		SWW	57	26					45 ± 9
Cameo		MD	Club	55	39	39	50	45		45 ± 5
VI Voodoo CL+	CL+	D	SWW	63	7	45	53	48	45	45 ± 4
WB1922		D	SWW	56	36	40	49			45 ± 5
WB1621		MD	SWW	61	12	37	49			45 ± 5
Gale (OR2180377)			SWW	57	25	40	49			45 ± 5
LWW20-2867			SWW	57	32					45 ± 9
Piranha CL+	CL+	D	SWW	59	17	43	52	46	44	44 ± 4
Nova AX (WA8346 AX)	AX	MD	SWW	54	40	39				44 ± 7
OR2180149			SWW	59	19					44 ± 7
Mallory CL+ (ORI2190025 CL+)	CL+		SWW	57	28	39	46	44		44 ± 5
WB1545			SWW	56	35					44 ± 9
OR2200083 CL+	CL+		SWW	49	52	38				43 ± 7
Calypso (ARS09500-17CBW)			Club	53	44	38	48			43 ± 5
OR5180071			Club	55	38	39	49	43		43 ± 5
OR5180072			Club	57	29	38				43 ± 7
Stephens		D	SWW	52	47	37	46	41	42	42 ± 4
OR3230026 AX	AX		SWW	54	42					42 ± 9
ARS Crescent		MD	Club	54	43					42 ± 9
OR2170559			SWW	57	33	36	45	41		42 ± 5
LWWC21-0331	CL+		SWW	53	45					41 ± 9
OR5190014			Club	52	46					40 ± 9
WA8405			SWW	52	48					40 ± 9
WA8404			SWW	51	49					39 ± 9
WA8398			SWW	50	50					38 ± 9
OR2180350			SWW	50	51					38 ± 9
WA8397			SWW	48	53					35 ± 9
LCS Reaper AX	AX		SWW	45	54					33 ± 9
Average				57		41	51	46	47	45
LSD (0.05)				5						
CV (%)				6.8						

*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

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



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Variety	Class	Height (in)	Test Weight (lb/bu)	Protein (%)	Heading Date
LCS Jefe	SWW	31.6	60.9	9.2	5/18
LWWC21-0317	SWW	33.3	59.6	11.4	5/19
LCS Hydra AX	SWW	31.7	61.9	10.2	5/17
LCS Drive	SWW	27.3	60.8	10.5	5/14
LCS Shine	SWW	27.0	59.8	9.3	5/16
LCS Kamiak	SWW	30.8	62.3	10.8	5/13
TMC M-Pire	SWW	30.1	60.9	10.4	5/20
AP Olympia	SWW	32.3	61.0	11.1	5/18
Norwest Tandem	SWW	29.9	60.7	9.6	5/16
LWWA22-D33	SWW	28.7	59.7	10.4	5/15
AP Exceed	SWW	31.0	63.1	9.2	5/14
Rosalyn	SWW	32.0	57.4	10.4	5/22
VI Gem (UIL 13-046145A)	SWW	32.5	60.5	9.8	5/17
LCS Blackjack	SWW	32.6	57.8	10.4	5/19
LCS Scorpion AX	SWW	30.6	60.3	9.9	5/17
SY Assure	SWW	29.4	62.7	10.8	5/15
TMC M-Press	SWW	31.4	60.2	10.2	5/20
ORI2190027 CL+	SWW	30.2	61.2	11.7	5/16
VI Encore CL+ (UIL 17-7706 CL+)	SWW	32.6	60.7	10.4	5/19
LWW20-2383	SWW	28.5	61.9	10.6	5/15
Nimbus	SWW	32.5	60.5	10.3	5/16
LWW21-1834	SWW	29.8	59.2	9.9	5/16
Appleby CL+	SWW	32.9	62.3	10.2	5/15
AP Iliad	SWW	31.3	60.3	10.7	5/17
Sockeye CL+	SWW	36.4	59.2	10.1	5/21
ARS Castella	Club	32.3	60.9	9.4	5/21
LWWC21-0119	SWW	32.1	60.9	10.4	5/18
Cameo	Club	32.8	59.0	11.7	5/21
VI Voodoo CL+	SWW	29.0	61.1	10.1	5/17
WB1922	SWW	32.9	61.3	9.9	5/24
WB1621	SWW	30.5	63.6	9.5	5/16
Gale (OR2180377)	SWW	31.2	57.2	9.8	5/22
LWW20-2867	SWW	28.3	59.7	9.4	5/17
Piranha CL+	SWW	35.5	58.7	10.4	5/21
Nova AX (WA8346 AX)	SWW	35.2	59.3	10.6	5/19
OR2180149	SWW	34.0	59.7	9.9	5/17
Mallory CL+ (ORI2190025 CL+)	SWW	30.5	60.1	11.6	5/15
WB1545	SWW	30.6	62.1	11.5	5/16
OR2200083 CL+	SWW	30.2	59.8	11.1	5/17
Calypso (ARS09500-17CBW)	Club	32.1	61.9	10.6	5/20
OR5180071	Club	32.4	61.1	10.3	5/23
OR5180072	Club	29.5	61.8	10.1	5/20
Stephens	SWW	32.8	58.8	10.9	5/17
OR3230026 AX	SWW	29.4	60.5	10.1	5/14
ARS Crescent	Club	29.3	56.1	12.6	5/28
OR2170559	SWW	35.8	58.8	11.7	5/21
LWWC21-0331	SWW	32.7	60.8	10.5	5/21
OR5190014	Club	30.0	62.4	9.4	5/23
WA8405	SWW	31.5	56.6	11.2	5/22
WA8404	SWW	31.4	57.8	10.3	5/20
WA8398	SWW	32.0	57.9	11.1	5/21
OR2180350	SWW	26.4	59.5	10.3	5/17
WA8397	SWW	32.3	54.4	12.2	5/22
LCS Reaper AX	SWW	28.4	63.1	11.0	5/12
Average		31.3	60.2	10.4	5/18
LSD (0.05)		1.3	1.4	1.0	1.7
CV (%)		3.0	1.7	6.7	0.0



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Site Description: Trial was relatively uniform.



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Planting Date: 10-19-2023

Harvest Date: 7-11-2024

Site Location: 45.5955, -119.5920

Row Spacing: 15"

Plot Length: ~15'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice