



2023 OREGON SOFT WINTER WHEAT YIELD TRIALS
Lexington (No-Till)



Site Description: Yield was low and protein content was high due to drought damage.
LCS Shine's low yield was likely caused by dicamba injury.

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	
LWW20-3371		SWW	33	2							52 ± 10
LCS Hydra AX	AX	SWW	31	4							50 ± 10
LCS Artdeco		SWW	23	39	51	6	46	3	50	1	50 ± 5
LCS Jefe		SWW	23	37	51	2	46	2	50	2	50 ± 5
LCS Drive		SWW	33	1	50	7	47	1	49	3	49 ± 5
WB1720		SWW	25	29	51	4					47 ± 7
LWW19-6219		SWW	28	10	51	5					47 ± 7
LCS Scorpion AX	AX	SWW	28	8							47 ± 10
LCS Kamiak (LWW17-5877)		SWW	33	3	51	1	46	5			47 ± 6
OR2200083 CL+	CL+	SWW	28	9							47 ± 10
LCS Shine		SWW	7	54	45	31	42	18	47	4	47 ± 5
Norwest Tandem		SWW	31	5	51	3	46	4	46	5	46 ± 5
LWWA19-0293	AX	SWW	27	17							46 ± 10
Rosalyn		SWW	29	6	50	8	44	7	46	6	46 ± 5
09PN118-02 CL2	CL+	SWW	25	23	48	14	44	6			45 ± 6
LCS Kraken AX	AX	SWW	26	18							45 ± 10
LCS Blackjack		SWW	23	38	46	25	42	16	45	7	45 ± 5
SY Assure		SWW	29	7	46	24	43	15	45	8	45 ± 5
AP Exceed (11PN039#20)		SWW	20	48	48	13	44	8			45 ± 6
TMC M-Pire		SWW	28	11	48	16					44 ± 7
Nixon		SWW	25	27	49	12	42	20	44	9	44 ± 5
LWWA19-0294	AX	SWW	25	26							44 ± 10
AP Iliad		SWW	27	12	47	21	43	14	44	10	44 ± 5
UIL 14-211120A		SWW	25	28							44 ± 10
OR2160264		SWW	24	33	48	19	42	17			44 ± 6
Nimbus (OR2130755)		SWW	27	14	50	9	44	9	44	11	44 ± 5
TMC M-Press		SWW	25	30	49	11	43	12	44	12	44 ± 5
WA8346 AX	AX	SWW	24	31							44 ± 10
WA8348 AX	AX	SWW	24	32							44 ± 10
Sockeye CL+ (WA8306 CL+)	CL+	SWW	26	22	50	10	43	11	43	13	43 ± 5
VI Shock		SWW	24	34							43 ± 10
OR12190027 CL+	CL+	SWW	26	20	43	35	41	22			43 ± 6
WA8349 AX	AX	SWW	24	35							43 ± 10
Appleby CL+	CL+	SWW	27	15	47	22	42	19	43	14	43 ± 5
Cameo		Club	22	46	47	20	41	23			43 ± 6
VI Presto CL+ (UIL 17-6451 CL+)	CL+	SWW	25	24	46	26	41	24	42	15	42 ± 5
WB1922		SWW	25	25	46	27					42 ± 7
UIL 17-7706 CL+	CL+	SWW	23	41	45	28	41	25			42 ± 6
WA8345 AX	AX	SWW	23	42							42 ± 10
UI Magic CL+	CL+	SWW	27	16	43	33	39	28	42	16	42 ± 5
OR2180377		SWW	23	40	45	29					41 ± 7
ARS09500-17CBW		Club	23	44	45	30					41 ± 7
Norwest Duet		SWW	26	21	48	15	43	13	41	17	41 ± 5
OR2160243		SWW	23	36	44	32	39	26			41 ± 6
Piranha CL+ (WA8305 CL+)	CL+	SWW	26	19	48	17	42	21	41	18	41 ± 5
OR12190025 CL+	CL+	SWW	21	47	40	37	39	27			40 ± 6
VI Voodoo CL+	CL+	SWW	27	13	48	18	43	10	40	19	40 ± 5
OR5180071		Club	22	45	47	23	39	29			40 ± 6
WB1621		SWW	13	53	43	34					40 ± 7
Stephens		SWW	23	43	42	36	38	30	39	20	39 ± 5
LCS Dagger AX	AX	SWW	20	49							39 ± 10
OR5180072		Club	19	50							38 ± 10
OR2170559		SWW	16	52	39	38	36	31			38 ± 6
CPX69217		SWW	18	51							37 ± 10
		Average	25		47		42		44		44
		LSD (0.05)	3								
		CV (%)	9.6								

*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: Yield was low and protein content was high due to drought damage.

Variety	Class	Quality*	Height in	Test Weight lbs/bu	Protein %	Heading Date
LWW20-3371	SWW		24.2	58.8	14.5	5/15
LCS Hydra AX	SWW		25.5	57.8	14.8	5/18
LCS Artdeco	SWW	A	22.2	56.7	15.5	5/18
LCS Jefe	SWW	D	24.0	56.8	16.6	5/19
LCS Drive	SWW	D	24.0	55.7	14.1	5/16
WB1720	SWW		24.1	57.1	17.6	5/19
LWW19-6219	SWW		27.0	55.6	16.6	5/19
LCS Scorpion AX	SWW		26.4	56.2	16.0	5/18
LCS Kamiak (LWW17-5877)	SWW		26.4	58.4	14.5	5/14
OR2200083 CL+	SWW		26.1	54.3	17.1	5/18
LCS Shine	SWW	MD	24.8	59.8	16.2	5/17
Norwest Tandem	SWW	A	23.4	57.6	15.0	5/17
LWWA19-0293	SWW		26.9	61.1	14.1	5/13
Rosalyn	SWW	A	26.0	53.8	16.9	5/20
09PN118-02 CL2	SWW		26.5	53.7	17.8	5/21
LCS Kraken AX	SWW		26.4	55.2	17.3	5/19
LCS Blackjack	SWW	D	26.4	57.5	17.3	5/19
SY Assure	SWW	D	27.2	58.9	14.7	5/15
AP Exceed (11PN039#20)	SWW	MD	28.0	60.7	16.9	5/16
TMC M-Pire	SWW		25.9	57.2	16.0	5/19
Nixon	SWW	MD	26.5	51.9	17.6	5/19
LWWA19-0294	SWW		26.2	60.0	14.9	5/13
AP Iliad	SWW	A	26.3	57.7	15.1	5/18
UIL 14-211120A	SWW		25.9	56.0	18.4	5/19
OR2160264	SWW		26.6	52.4	17.7	5/18
Nimbus (OR2130755)	SWW	MD	26.2	54.1	16.7	5/19
TMC M-Press	SWW	D	24.6	56.2	16.6	5/21
WA8346 AX	SWW		26.4	51.2	17.6	5/19
WA8348 AX	SWW		25.3	55.5	18.2	5/19
Sockeye CL+ (WA8306 CL+)	SWW	MD	25.7	53.5	16.9	5/20
VI Shock	SWW		25.9	52.1	16.4	5/19
ORI2190027 CL+	SWW		26.4	55.8	16.2	5/17
WA8349 AX	SWW		26.7	58.9	16.1	5/16
Appleby CL+	SWW	D	27.8	54.4	16.5	5/17
Cameo	Club	MD	22.6	53.6	19.0	5/20
VI Presto CL+ (UIL 17-6451 CL+)	SWW	D	27.6	57.8	17.8	5/19
WB1922	SWW		24.8	56.9	17.8	5/23
UIL 17-7706 CL+	SWW		23.6	53.2	17.7	5/20
WA8345 AX	SWW		26.7	50.5	18.6	5/19
UI Magic CL+	SWW	D	25.0	55.9	16.4	5/18
OR2180377	SWW		24.8	54.0	16.7	5/20
ARS09500-17CBW	Club		24.7	55.5	17.8	5/19
Norwest Duet	SWW	D	25.9	53.0	16.4	5/21
OR2160243	SWW		25.0	54.5	16.7	5/18
Piranha CL+ (WA8305 CL+)	SWW	D	26.4	53.3	16.8	5/20
ORI2190025 CL+	SWW		25.9	58.3	17.8	5/16
VI Voodoo CL+	SWW	D	23.0	56.9	16.4	5/19
OR5180071	Club		23.1	54.0	17.6	5/22
WB1621	SWW		26.2	61.4	17.5	5/18
Stephens	SWW	D	25.1	56.4	17.3	5/18
LCS Dagger AX	SWW		27.1	60.3	16.5	5/13
OR5180072	Club		22.5	52.4	18.4	5/21
OR2170559	SWW		23.3	56.5	18.5	5/20
CPX69217	SWW		24.9	61.9	17.5	5/16
Average			25.5	56.1	16.7	5/18
LSD (0.05)			1.1	1.1	0.5	1.1
CV (%)			3.0	1.4	2.3	

*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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Lexington (No-Till)



Site Description: Yield was low and protein content was high due to drought damage.

Planting Date: 10-6-2022

Harvest Date: 7-7-2023

Site Location: 45.5594, -119.6290

Fertility:38-10-0-6.5S at Planting, 15-0-0 Topdress on 3-18-2023

Row Spacing: 15"

Plot Length: ~15'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice