



2021 OREGON SOFT WINTER WHEAT YIELD TRIALS
Pendleton- CBARC Station (Conventional Tillage)



Site Description: Trial was relatively uniform.

4-year yield averages include data from 2021, 2020, 2018, and 2017.

Variety	Herbicide Resistance	Class	2021 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 Shine		SWW	78	1	100	3	107	4	113	1	113 ± 9
LWW17-8185		SWW	72	16	101	2					113 ± 12
Norwest Duet		SWW	71	26	96	7	105	7	111	2	111 ± 9
LCS Blackjack		SWW	69	30	99	5	109	2			111 ± 10
Rosalyn		SWW	71	23	103	1	108	3	110	3	110 ± 9
LWW18-5080		SWW	77	2							110 ± 18
SY Dayton		SWW	70	27	96	8	107	5	110	4	110 ± 9
AP Exceed (11PN039#20)		SWW	77	3							110 ± 18
Norwest Tandem		SWW	75	7	93	12	105	6	110	5	110 ± 9
Bobtail		SWW	65	46	95	10	105	8	109	6	109 ± 9
ARS Castella		Club	76	4							109 ± 18
WA8307		SWW	74	9	97	6					108 ± 12
LWW17-5877		SWW	75	6							108 ± 18
Sockeye CL+ (WA8306 CL+)	CL+	SWW	69	31	96	9					107 ± 12
ORI2190025 CL+	CL+	SWW	73	10							107 ± 18
LWW18-5078		SWW	73	12							107 ± 18
LCS Artdeco		SWW	76	5	99	4	110	1	106	7	106 ± 9
SY Assure		SWW	73	13	89	22	100	10	106	8	106 ± 9
WA8336		SWW	72	15							106 ± 18
ORI2190027 CL+	CL+	SWW	72	17							106 ± 18
M-Press		SWW	72	21	95	11	104	9			106 ± 10
LWW18-0587		SWW	72	18							105 ± 18
13-046145A		SWW	72	19							105 ± 18
LCS Drive		SWW	70	28	89	18	99	12	105	9	105 ± 9
OR2170559		SWW	72	22							105 ± 18
Piranha CL+ (WA8305 CL+)	CL+	SWW	65	44	93	13					105 ± 12
OR2130755		SWW	72	20	92	14					103 ± 12
OR2160243		SWW	69	29							103 ± 18
VI Presto CL+ (UIL17-6451 CL+)	CL+	SWW	71	24	91	15					103 ± 12
AP Iliad		SWW	72	14	91	16					102 ± 12
Nixon		SWW	64	48	87	25	99	14	102	10	102 ± 9
WB1783		SWW	67	37	90	17	100	11	102	11	102 ± 9
LWW18-1171		SWW	68	33							102 ± 18
ARSX500-14CBW		Club	68	34							102 ± 18
UIL 17-7706 CL+	CL+	SWW	68	36							101 ± 18
OR2160264		SWW	67	38							101 ± 18
M-Idas		SWW	68	35	89	21					100 ± 12
AP Dynamic		SWW	63	51	89	23					100 ± 12
ARSX492-6CBW		Club	67	39							100 ± 18
VI Voodoo CL+ (UIL17-6268 CL+)	CL+	SWW	73	11	88	24					100 ± 12
LWW17-5815		SWW	66	40							100 ± 18
09PN118-02 CL2	CL+	SWW	66	41							99 ± 18
IDO2008		SWW	66	42							99 ± 18
WB1604		SWW	68	32	87	26	97	15			99 ± 10
OR2x2 CL+	CL+	SWW	64	47	86	27					98 ± 12
OR5170022		Club	60	54	85	28					97 ± 12
OR5180071		Club	63	50							97 ± 18
IDO1708		SWW	65	45							96 ± 12
Stingray CL+	CL+	SWW	61	53	82	30					94 ± 12
WB1529		SWW	64	49	89	19	99	13	94	12	94 ± 9
Appleby CL+	CL+	SWW	66	43	82	31					94 ± 12
Stephens		SWW	62	52	84	29	92	17	91	13	91 ± 9
Mary		SWW	71	25	89	20	95	16	90	14	90 ± 9
UI Magic CL+	CL+	SWW	74	8	76	32					88 ± 12
		Average	70		91		102		104		103
		LSD (0.05)	5								
		CV (%)	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 %	Heading Date
LCS Shine	SWW	MD	26.4	60.5	8.1	5/24
LWW17-8185	SWW		31.0	60.6	8.3	5/27
Norwest Duet	SWW	D	34.7	60.8	8.9	5/29
LCS Blackjack	SWW	D	31.0	58.7	9.1	5/28
Rosalyn	SWW	A	31.0	59.6	8.8	5/28
LWW18-5080	SWW		31.4	61.6	9.0	5/27
SY Dayton	SWW	A	30.0	61.7	9.1	5/27
AP Exceed (11PN039#20)	SWW		32.7	63.2	9.0	5/21
Norwest Tandem	SWW	A	28.3	61.6	8.7	5/24
Bobtail	SWW	MD	29.3	57.0	8.8	5/29
ARS Castella	Club	MD	32.7	61.7	9.0	5/28
WA8307	SWW		35.0	60.7	8.9	5/28
LWW17-5877	SWW		30.7	62.6	9.0	5/21
Sockeye CL+ (WA8306 CL+)	SWW	MD	34.0	60.3	9.1	5/28
ORI2190025 CL+	SWW		29.4	60.7	8.4	5/24
LWW18-5078	SWW		33.0	61.6	8.4	5/28
LCS Artdeco	SWW	A	30.7	60.8	8.7	5/26
SY Assure	SWW	D	29.3	62.5	9.1	5/21
WA8336	SWW		27.7	58.3	8.4	5/28
ORI2190027 CL+	SWW		31.4	61.1	8.4	5/24
M-Press	SWW	D	32.0	61.2	9.0	5/27
LWW18-0587	SWW		34.0	60.2	9.1	5/28
13-046145A	SWW		32.3	61.8	9.1	5/26
LCS Drive	SWW	D	27.3	60.3	8.0	5/22
OR2170559	SWW		30.0	61.6	9.0	5/26
Piranha CL+ (WA8305 CL+)	SWW	D	34.0	60.4	9.4	5/28
OR2130755	SWW		34.6	61.9	9.3	5/26
OR2160243	SWW		31.1	60.2	9.2	5/27
VI Presto CL+ (UIL17-6451 CL+)	SWW		34.3	63.1	10.0	5/25
AP Iliad	SWW		31.7	60.7	8.6	5/27
Nixon	SWW	MD	32.4	58.8	10.4	5/28
WB1783	SWW	LD	33.3	63.9	9.6	5/26
LWW18-1171	SWW		32.7	57.9	8.6	5/27
ARSX500-14CBW	Club		33.6	62.6	9.9	5/27
UIL 17-7706 CL+	SWW		31.3	60.4	9.1	5/27
OR2160264	SWW		31.3	60.5	9.4	5/24
M-Idas	SWW		29.0	62.3	8.5	5/24
AP Dynamic	SWW		32.0	58.0	9.4	5/29
ARSX492-6CBW	Club		32.6	59.8	9.6	5/29
VI Voodoo CL+ (UIL17-6268 CL+)	SWW		30.0	60.5	9.2	5/27
LWW17-5815	SWW		31.3	62.1	9.2	5/28
09PN118-02 CL2	SWW		31.6	60.3	10.3	5/28
IDO2008	SWW		32.3	60.2	9.5	5/29
WB1604	SWW	A	30.0	62.0	9.6	5/23
OR2x2 CL+	SWW		32.7	60.9	10.1	5/28
OR5170022	Club		31.0	62.9	9.9	5/29
OR5180071	Club		30.3	56.0	9.2	5/30
IDO1708	SWW		31.0	61.2	9.1	5/26
Stingray CL+	SWW	D	30.0	59.8	10.1	5/28
WB1529	SWW	A	29.4	64.1	9.4	5/25
Appleby CL+	SWW		33.0	61.2	9.8	5/24
Stephens	SWW	D	30.6	60.0	9.9	5/25
Mary	SWW	D	31.7	61.5	9.7	5/24
UI Magic CL+	SWW	D	31.0	62.7	9.2	5/26
Average			31.4	60.9	9.2	5/26
LSD			1.0	0.9	0.6	1.3
CV (%)			2	1	5	

*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



**2021 OREGON SOFT WINTER WHEAT YIELD TRIALS
Pendleton- CBARC Station (Conventional Tillage)**



Site Description: Trial was relatively uniform.

Planting Date: 10-22-2020

Harvest Date: 7-15-2021

Site Location: 45.72165, -118.63148

Fertility: 68-8-0-12S Prior to Planting

Planting Method: Conventional Drill

Row Spacing: 7.5"

Fungicides: None (No Significant Foliar Diseases Observed)

Plot Length: ~20'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice