

2021 OREGON SOFT WINTER WHEAT YIELD TRIALS
South Willamette (High Rainfall)



Site Description: Trial was relatively uniform.

Multi-year averages include data from the 2020 S. Willamette trial, the 2018 S. Willamette Unprotected trial, and the 2017 S. Willamette Protected trial.

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	160	1	147	1	136	1	141	1	141 ± 7
LWW18-5080		SWW	153	2							139 ± 13
LWW18-1171		SWW	151	4							136 ± 13
VI Voodoo CL+ (UIL17-6268 CL+)	CL+	SWW	153	3	138	2					134 ± 9
LWW17-8185		SWW	148	6	137	3					133 ± 9
LCS Artdeco		SWW	150	5	136	4	127	2	132	2	132 ± 7
AP Exceed (11PN039#20)		SWW	147	7							132 ± 13
LWW18-5078		SWW	147	8							132 ± 13
LCS Blackjack		SWW	146	9	133	5	126	3			131 ± 8
LWW17-5877		SWW	144	11							129 ± 13
Rosalyn		SWW	139	24	128	8	124	4	129	3	129 ± 7
13-046145A		SWW	142	14							127 ± 13
WA8336		SWW	142	15							127 ± 13
LWW18-0587		SWW	141	17							126 ± 13
SY Assure		SWW	143	12	129	7	119	6	126	4	126 ± 7
Norwest Tandem		SWW	127	47	123	19	118	8	126	5	126 ± 7
ORI2190027 CL+	CL+	SWW	140	18							125 ± 13
Nixon		SWW	145	10	130	6	122	5	125	6	125 ± 7
ARSX492-6CBW		Club	139	20							124 ± 13
OR2160264		SWW	139	23							124 ± 13
LCS Drive		SWW	138	25	128	9	117	9	124	7	124 ± 7
WA8307		SWW	137	28	127	10					123 ± 9
OR2160243		SWW	137	26							122 ± 13
M-Idas		SWW	131	39	127	11					122 ± 9
Sockeye CL+ (WA8306 CL+)	CL+	SWW	142	13	126	12					122 ± 9
VI Presto CL+ (UIL17-6451 CL+)	CL+	SWW	139	22	126	13					122 ± 9
ORI2190025 CL+	CL+	SWW	136	29							121 ± 13
WB1529		SWW	126	48	120	23	111	12	121	8	121 ± 7
ARSX500-14CBW		Club	135	30							121 ± 13
Bobtail		SWW	128	45	125	15	118	7	120	9	120 ± 7
AP Iliad		SWW	141	16	124	16					120 ± 9
OR5180071		Club	135	32							120 ± 13
OR2170559		SWW	134	33							120 ± 13
Piranha CL+ (WA8305 CL+)	CL+	SWW	135	31	124	18					120 ± 9
IDO1708		SWW	139	19							119 ± 9
UI Magic CL+	CL+	SWW	134	34	123	20					119 ± 9
LWW17-5815		SWW	133	35							119 ± 13
Norwest Duet		SWW	132	37	124	17	112	11	118	10	118 ± 7
SY Dayton		SWW	137	27	126	14	116	10	118	11	118 ± 7
IDO2008		SWW	133	36							118 ± 13
OR2130755		SWW	128	43	122	21					118 ± 9
ARS Castella		Club	132	38							117 ± 13
Mary		SWW	139	21	121	22	109	13	115	12	115 ± 7
OR5170022		Club	128	44	119	24					115 ± 9
WB1604		SWW	130	41	119	25	109	14			114 ± 8
Stingray CL+	CL+	SWW	126	49	118	26					114 ± 9
M-Press		SWW	129	42	117	28	109	15			114 ± 8
Appleby CL+	CL+	SWW	124	50	117	27					112 ± 9
WB1783		SWW	131	40	116	29	107	16	110	13	110 ± 7
AP Dynamic		SWW	122	53	114	31					110 ± 9
UIL 17-7706 CL+	CL+	SWW	124	51							109 ± 13
09PN118-02 CL2	CL+	SWW	123	52							108 ± 13
OR2x2 CL+	CL+	SWW	112	54	111	32					107 ± 9
Stephens		SWW	127	46	115	30	106	17	106	14	106 ± 7
		Average	136		125		117		122		122
		LSD (0.05)	8								
		CV (%)	4								

*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*	Test Weight lbs/bu	Protein %
LCS Shine	SWW	MD	62.5	9.5
LWW18-5080	SWW		62.3	9.5
LWW18-1171	SWW		60.4	9.6
VI Voodoo CL+ (UIL17-6268 CL+)	SWW		61.9	9.6
LWW17-8185	SWW		62.7	8.7
LCS Artdeco	SWW	A	61.2	9.5
AP Exceed (11PN039#20)	SWW		63.2	9.9
LWW18-5078	SWW		61.4	10.0
LCS Blackjack	SWW	D	59.3	10.1
LWW17-5877	SWW		62.2	9.4
Rosalyn	SWW	A	60.2	9.6
13-046145A	SWW		62.7	9.4
WA8336	SWW		59.6	8.8
LWW18-0587	SWW		62.1	10.1
SY Assure	SWW	D	62.6	10.4
Norwest Tandem	SWW	A	61.1	10.2
ORI2190027 CL+	SWW		62.5	10.2
Nixon	SWW	MD	62.0	9.8
ARSX492-6CBW	Club		61.1	10.6
OR2160264	SWW		62.3	10.0
LCS Drive	SWW	D	60.1	10.2
WA8307	SWW		60.7	10.0
OR2160243	SWW		61.4	9.2
M-Idas	SWW		62.7	9.5
Sockeye CL+ (WA8306 CL+)	SWW	MD	61.0	9.8
VI Presto CL+ (UIL17-6451 CL+)	SWW		63.2	10.0
ORI2190025 CL+	SWW		61.6	9.6
WB1529	SWW	A	62.9	10.2
ARSX500-14CBW	Club		62.7	10.7
Bobtail	SWW	MD	58.4	10.0
AP Iliad	SWW		61.9	10.9
OR5180071	Club		59.8	9.7
OR2170559	SWW		60.5	10.2
Piranha CL+ (WA8305 CL+)	SWW	D	61.5	9.7
IDO1708	SWW		60.5	9.4
UI Magic CL+	SWW	D	62.8	10.5
LWW17-5815	SWW		63.3	10.0
Norwest Duet	SWW	D	61.6	9.1
SY Dayton	SWW	A	61.5	10.1
IDO2008	SWW		61.7	10.6
OR2130755	SWW		61.7	10.1
ARS Castella	Club	MD	61.8	10.0
Mary	SWW	D	62.1	10.4
OR5170022	Club		61.3	11.1
WB1604	SWW	A	62.7	9.7
Stingray CL+	SWW	D	61.7	9.5
M-Press	SWW	D	61.8	9.7
Appleby CL+	SWW		62.2	10.1
WB1783	SWW	LD	64.1	10.4
AP Dynamic	SWW		60.4	10.0
UIL 17-7706 CL+	SWW		62.0	11.1
09PN118-02 CL2	SWW		61.3	10.9
OR2x2 CL+	SWW		60.7	10.6
Stephens	SWW	D	61.5	10.6
Average			61.6	10.0
LSD			0.4	0.6
CV (%)			0.4	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



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Site Description: Trial was relatively uniform.

Planting Date: 11-9-2020

Harvest Date: 8-2-2021

Site Location: 44.6349, -123.1925

Fertility: 120-0-0 Spring Topdress

Planting Method: Conventional Drill

Row Spacing: 7.5"

Fungicides: 13.7 oz/acre Trivapro on 5-5-2021

Plot Length: ~15'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice