



2021 OREGON SOFT WINTER WHEAT YIELD TRIALS La Grande (Irrigated)



Site Description: Trial was relatively uniform.

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	
LWW18-1171		SWW	165	1							171 ± 21
LCS Blackjack		SWW	149	6	167	1	159	1	163	1	163 ± 10
Bobtail		SWW	147	9	156	4	156	2	161	2	161 ± 10
LWW18-0587		SWW	154	4							161 ± 21
LWW17-8185		SWW	157	2	158	2					158 ± 15
LWW18-5078		SWW	149	8							155 ± 21
VI Voodoo CL+ (UIL17-6268 CL+)	CL+	SWW	136	32	153	6					153 ± 15
Stingray CL+	CL+	SWW	134	35	149	11	148	3			153 ± 12
Rosalyn		SWW	145	10	156	3	147	4	152	3	152 ± 10
13-046145A		SWW	145	11							152 ± 21
Norwest Duet		SWW	151	5	146	16	145	7	151	4	151 ± 10
SY Dayton		SWW	142	18	150	9	145	8	151	5	151 ± 10
IDO2008		SWW	144	15							150 ± 21
LCS Shine		SWW	138	25	155	5	146	5	150	6	150 ± 10
M-Idas		SWW	143	16	149	10					150 ± 15
WA8307		SWW	138	28	149	12					149 ± 15
OR5180071		Club	142	17							149 ± 21
AP Iliad		SWW	135	33	149	13					149 ± 15
AP Exceed (11PN039#20)		SWW	141	19							148 ± 21
UIL 17-7706 CL+	CL+	SWW	141	20							148 ± 21
M-Press		SWW	144	13	152	7	146	6	148	7	148 ± 10
OR2160243		SWW	140	22							147 ± 21
LCS Artdeco		SWW	141	21	151	8	144	9	147	8	147 ± 10
AP Dynamic		SWW	137	29	147	15					147 ± 15
VI Presto CL+ (UIL17-6451 CL+)	CL+	SWW	131	43	140	20	142	10			146 ± 12
ARSX500-14CBW		Club	139	24							146 ± 21
UI Magic CL+	CL+	SWW	131	40	144	18	141	12			145 ± 12
ARSX492-6CBW		Club	138	26							145 ± 21
WA8336		SWW	138	27							145 ± 21
Nixon		SWW	144	12	139	23	139	13	144	9	144 ± 10
LWW18-5080		SWW	136	30							143 ± 21
Norwest Tandem		SWW	131	42	137	24	138	15	142	10	142 ± 10
LCS Drive		SWW	130	44	144	17	138	14	141	11	141 ± 10
OR2130755		SWW	136	31	140	21	137	16			141 ± 12
09PN118-02 CL2	CL+	SWW	134	34							141 ± 21
WB1783		SWW	132	38	139	22	134	17	140	12	140 ± 10
LWW17-5877		SWW	133	37							140 ± 21
IDO1708		SWW	140	23							139 ± 12
WB1529		SWW	129	45	136	26	134	19	139	13	139 ± 10
SY Assure		SWW	129	49	136	27	132	22	139	14	139 ± 10
Mary		SWW	144	14	148	14	141	11	139	15	139 ± 10
LWW17-5815		SWW	132	39							138 ± 21
OR2160264		SWW	131	41							138 ± 21
OR2x2 CL+	CL+	SWW	127	50	134	29	134	18			138 ± 12
Appleby CL+	CL+	SWW	119	53	133	30	133	20			138 ± 12
OR5170022		Club	121	52	136	25					136 ± 15
ORI2190025 CL+	CL+	SWW	129	46							136 ± 21
WB1604		SWW	129	47	140	19	129	23	136	16	136 ± 10
OR2170559		SWW	129	48							136 ± 21
Stephens		SWW	134	36	130	31	132	21	135	17	135 ± 10
Sockeye CL+ (WA8306 CL+)	CL+	SWW	156	3	135	28					135 ± 15
Piranha CL+ (WA8305 CL+)	CL+	SWW	149	7	129	32					129 ± 15
ARS Castella		Club	122	51							129 ± 21
ORI2190027 CL+	CL+	SWW	114	54							121 ± 21
Average			138		145		141		146		145
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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La Grande (Irrigated)



Site Description: Trial was relatively uniform.

Variety	Class	Quality*	Height in	Test Weight lbs/bu	Protein %	Heading Date
LWW18-1171	SWW		35.0	59.6	10.1	6/5
LCS Blackjack	SWW	D	33.4	59.4	11.0	6/4
Bobtail	SWW	MD	32.8	58.7	10.9	6/5
LWW18-0587	SWW		37.9	60.0	10.2	6/6
LWW17-8185	SWW		33.9	60.3	10.1	6/4
LWW18-5078	SWW		35.5	60.4	10.6	6/5
VI Voodoo CL+ (UIL17-6268 CL+)	SWW		30.8	60.2	10.9	6/5
Stingray CL+	SWW	D	32.4	59.6	10.6	6/4
Rosalyn	SWW	A	33.7	59.9	10.6	6/4
13-046145A	SWW		33.2	60.4	10.1	6/2
Norwest Duet	SWW	D	38.0	60.3	10.6	6/6
SY Dayton	SWW	A	33.3	60.4	10.7	6/4
IDO2008	SWW		35.5	58.9	11.1	6/6
LCS Shine	SWW	MD	30.1	60.5	10.8	6/2
M-Idas	SWW		32.1	60.7	11.0	6/2
WA8307	SWW		37.2	59.0	10.5	6/6
OR5180071	Club		37.2	58.0	10.2	6/6
AP Iliad	SWW		33.9	60.1	12.1	6/3
AP Exceed (11PN039#20)	SWW		34.6	61.0	10.5	6/1
UIL 17-7706 CL+	SWW		33.3	60.0	10.8	6/6
M-Press	SWW	D	33.3	60.8	10.5	6/5
OR2160243	SWW		33.3	60.4	11.2	6/3
LCS Artdeco	SWW	A	32.6	58.5	10.9	6/2
AP Dynamic	SWW		35.7	58.1	10.9	6/6
VI Presto CL+ (UIL17-6451 CL+)	SWW		36.6	60.8	11.2	6/5
ARSX500-14CBW	Club		38.2	61.9	11.6	6/4
UI Magic CL+	SWW	D	32.2	61.0	11.9	6/4
ARSX492-6CBW	Club		38.0	59.7	11.7	6/5
WA8336	SWW		30.5	58.6	10.1	6/4
Nixon	SWW	MD	37.1	59.8	10.9	6/5
LWW18-5080	SWW		32.6	61.0	10.6	6/3
Norwest Tandem	SWW	A	30.7	59.1	11.0	6/4
LCS Drive	SWW	D	29.4	58.2	11.6	6/2
OR2130755	SWW		36.4	59.9	11.0	6/4
09PN118-02 CL2	SWW		35.5	60.1	11.3	6/4
WB1783	SWW	LD	33.1	62.2	10.9	6/4
LWW17-5877	SWW		33.0	60.3	11.5	6/2
IDO1708	SWW		32.2	59.5	10.9	6/2
WB1529	SWW	A	32.8	61.7	11.9	6/2
SY Assure	SWW	D	31.4	60.7	11.5	5/30
Mary	SWW	D	33.5	60.4	10.6	6/3
LWW17-5815	SWW		33.3	61.3	11.1	6/5
OR2160264	SWW		33.3	59.7	11.1	6/2
OR2x2 CL+	SWW		33.6	59.8	11.3	6/4
Appleby CL+	SWW		35.9	59.9	12.1	6/4
OR5170022	Club		35.3	59.4	12.4	6/4
ORI2190025 CL+	SWW		30.8	59.4	11.5	6/2
WB1604	SWW	A	31.6	60.4	11.6	6/1
OR2170559	SWW		32.0	59.3	11.6	6/5
Stephens	SWW	D	33.6	60.1	10.9	6/3
Sockeye CL+ (WA8306 CL+)	SWW	MD	37.4	59.7	10.6	6/5
Piranha CL+ (WA8305 CL+)	SWW	D	37.6	60.2	10.3	6/4
ARS Castella	Club	MD	40.3	60.7	11.5	6/4
ORI2190027 CL+	SWW		31.8	60.3	12.8	6/4
Average			34.0	60.0	11.0	6/4
LSD			1.2	0.4	0.4	0.7
CV (%)			3	0.5	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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La Grande (Irrigated)



Site Description: Trial was relatively uniform.

Planting Date: 10-2-2020

Harvest Date: 8-17-2021

Site Location: 45.4638, -118.0002

Planting Method: Conventional Drill

Row Spacing: 7.5"

Fungicides: None (No Foliar Diseases Observed)

Plot Length: ~15'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice