



**2021 OREGON SOFT WINTER WHEAT YIELD TRIALS**  
**Hermiston (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	
M-Press		SWW	120	12	116	2	123	2	128	1	128 ± 10
LCS Blackjack		SWW	112	25	110	4	122	3	126	2	126 ± 10
Rosalyn		SWW	126	2	105	7	119	5	126	3	126 ± 10
LCS Shine		SWW	135	1	120	1	127	1	126	4	126 ± 10
AP Exceed (11PN039#20)		SWW	124	6							124 ± 19
LCS Drive		SWW	125	3	116	3	121	4	124	5	124 ± 10
LWW18-1171		SWW	124	7							124 ± 19
WA8336		SWW	124	8							124 ± 19
AP Iliad		SWW	120	11	108	5					123 ± 14
OR5180071		Club	122	9							122 ± 19
LWW17-8185		SWW	125	5	107	6					122 ± 14
OR2170559		SWW	118	14							118 ± 19
OR2160264		SWW	117	18							117 ± 19
ORI2190025 CL+	CL+	SWW	116	19							117 ± 19
09PN118-02 CL2	CL+	SWW	115	20							115 ± 19
LWW18-5078		SWW	115	21							115 ± 19
ORI2190027 CL+	CL+	SWW	115	22							115 ± 19
VI Voodoo CL+ (UIL17-6268 CL+)	CL+	SWW	125	4	100	13					114 ± 14
AP Dynamic		SWW	107	34	99	14					114 ± 14
VI Presto CL+ (UIL17-6451 CL+)	CL+	SWW	103	42	102	10	110	9			114 ± 11
SY Assure		SWW	120	10	103	9	115	6	113	6	113 ± 10
OR2160243		SWW	113	23							113 ± 19
LCS Artdeco		SWW	101	46	95	20	106	12	113	7	113 ± 10
Norwest Tandem		SWW	118	15	104	8	113	7	113	8	113 ± 10
Nixon		SWW	108	32	101	11	111	8	113	9	113 ± 10
SY Dayton		SWW	107	35	100	12	108	10	113	10	113 ± 10
Bobtail		SWW	117	17	98	16	108	11	112	11	112 ± 10
WA8307		SWW	119	13	97	18					111 ± 14
13-046145A		SWW	111	27							111 ± 19
M-Idas		SWW	103	43	97	19					111 ± 14
WB1604		SWW	108	33	91	25	103	17	110	12	110 ± 10
ARSX500-14CBW		Club	109	28							109 ± 19
Appleby CL+	CL+	SWW	109	29	94	21	106	13			109 ± 11
ARSX492-6CBW		Club	108	31							109 ± 19
WB1783		SWW	109	30	93	23	103	18	108	13	108 ± 10
OR2130755		SWW	104	40	97	17	104	14			108 ± 11
Mary		SWW	101	45	88	27	103	19	107	14	107 ± 10
UI Magic CL+	CL+	SWW	118	16	94	22	104	16			107 ± 11
LWW18-5080		SWW	107	36							107 ± 19
WB1529		SWW	104	41	98	15	104	15	107	15	107 ± 10
OR5170022		Club	112	24	92	24					107 ± 14
IDO1708		SWW	111	26							107 ± 11
ARS Castella		Club	106	38							106 ± 19
Stingray CL+	CL+	SWW	106	37	82	29	100	20			103 ± 11
Sockeye CL+ (WA8306 CL+)	CL+	SWW	92	54	88	26					103 ± 14
UIL 17-7706 CL+	CL+	SWW	102	44							102 ± 19
LWW18-0587		SWW	100	47							101 ± 19
Norwest Duet		SWW	100	48	81	30	98	21	101	16	101 ± 10
Stephens		SWW	98	50	73	32	87	23	99	17	99 ± 10
OR2x2 CL+	CL+	SWW	104	39	84	28	93	22			97 ± 11
IDO2008		SWW	95	51							95 ± 19
LWW17-5815		SWW	94	52							94 ± 19
LWW17-5877		SWW	93	53							93 ± 19
Piranha CL+ (WA8305 CL+)	CL+	SWW	99	49	76	31					90 ± 14
		Average	111		97		108		114		111
		LSD (0.05)	14								
		CV (%)	9								

\*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 %
M-Press	SWW	D	64.2	10.1
LCS Blackjack	SWW	D	62.5	10.2
Rosalyn	SWW	A	63.3	9.8
LCS Shine	SWW	MD	63.3	10.5
AP Exceed (11PN039#20)	SWW		63.8	11.1
LCS Drive	SWW	D	63.2	10.6
LWW18-1171	SWW		62.3	10.5
WA8336	SWW		61.8	9.4
AP Iliad	SWW		63.8	12.3
OR5180071	Club		61.8	10.4
LWW17-8185	SWW		64.2	10.9
OR2170559	SWW		62.7	12.6
OR2160264	SWW		63.0	10.4
ORI2190025 CL+	SWW		63.7	11.4
09PN118-02 CL2	SWW		63.7	11.3
LWW18-5078	SWW		62.5	10.6
ORI2190027 CL+	SWW		64.7	11.5
VI Voodoo CL+ (UIL17-6268 CL+)	SWW		64.5	11.2
AP Dynamic	SWW		63.4	9.4
VI Presto CL+ (UIL17-6451 CL+)	SWW		65.2	11.4
SY Assure	SWW	D	64.9	12.1
OR2160243	SWW		63.8	11.0
LCS Artdeco	SWW	A	61.7	10.8
Norwest Tandem	SWW	A	63.4	10.0
Nixon	SWW	MD	63.6	12.2
SY Dayton	SWW	A	62.9	11.5
Bobtail	SWW	MD	61.2	9.6
WA8307	SWW		64.0	10.0
13-046145A	SWW		63.5	9.2
M-Idas	SWW		64.2	11.0
WB1604	SWW	A	63.6	10.4
ARSX500-14CBW	Club		63.3	12.1
Appleby CL+	SWW		64.0	11.7
ARSX492-6CBW	Club		62.3	12.7
WB1783	SWW	LD	65.6	10.5
OR2130755	SWW		62.5	11.1
Mary	SWW	D	63.9	11.3
UI Magic CL+	SWW	D	63.9	11.6
LWW18-5080	SWW		63.3	12.1
WB1529	SWW	A	63.5	12.1
OR5170022	Club		63.1	12.4
IDO1708	SWW		62.6	10.6
ARS Castella	Club	MD	64.0	11.5
Stingray CL+	SWW	D	63.2	9.8
Sockeye CL+ (WA8306 CL+)	SWW	MD	64.5	11.4
UIL 17-7706 CL+	SWW		63.7	10.9
LWW18-0587	SWW		64.2	11.7
Norwest Duet	SWW	D	63.3	11.0
Stephens	SWW	D	63.6	12.3
OR2x2 CL+	SWW		63.7	11.2
IDO2008	SWW		62.8	10.5
LWW17-5815	SWW		62.2	11.0
LWW17-5877	SWW		64.0	13.0
Piranha CL+ (WA8305 CL+)	SWW	D	63.5	11.6
Average			63.4	11.1
LSD			0.9	1.7
CV (%)			1	11

\*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: 10-1-2020

Harvest Date: 7-8-2021

Site Location: 45.81818, -119.28575

Fertility: 60-0-0-10S Prior to Planting, 100-0-0 Topdress on 4-6-2021

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