



**2021 OREGON SOFT WINTER WHEAT YIELD TRIALS
Madras (Irrigated)**



Site Description: Yield and testweight were lower than normal due to heat and a shortage of irrigation water later in the season.

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	
AP Exceed (11PN039#20)		SWW	111	3							139 ± 19
LCS Artdeco		SWW	104	6	125	1	131	1	138	1	138 ± 9
OR2160264		SWW	106	5							135 ± 19
LCS Shine		SWW	118	1							134 ± 11
OR2170559		SWW	104	7							133 ± 19
SY Assure		SWW	115	2	122	3	126	2	131	2	131 ± 9
ORI2190025 CL+	CL+	SWW	101	9							130 ± 19
LWW17-5877		SWW	101	10							130 ± 19
AP Iliad		SWW	103	8	120	5					130 ± 13
LCS Blackjack		SWW	92	28	117	9	122	4	129	3	129 ± 9
M-Idas		SWW	99	12	119	6					128 ± 13
Mary		SWW	96	15	112	16	118	9	128	4	128 ± 9
Appleby CL+	CL+	SWW	94	22	110	18	121	5			127 ± 11
Bobtail		SWW	96	16	123	2	123	3	127	5	127 ± 9
SY Dayton		SWW	92	26	119	7	118	8	127	6	127 ± 9
ARSX500-14CBW		Club	97	14							125 ± 19
M-Press		SWW	95	19	117	8	120	6	125	7	125 ± 9
UI Magic CL+	CL+	SWW	91	31	114	12					124 ± 13
13-046145A		SWW	95	17							124 ± 19
Rosalyn		SWW	93	25	116	10	119	7	124	8	124 ± 9
LCS Drive		SWW	107	4	109	20	115	10	123	9	123 ± 9
LWW18-5078		SWW	94	23							122 ± 19
LWW17-8185		SWW	95	18	113	14					122 ± 13
Piranha CL+ (WA8305 CL+)	CL+	SWW	86	36	113	15					122 ± 13
ORI2190027 CL+	CL+	SWW	93	24							122 ± 19
WB1529		SWW	97	13	114	13	115	11	122	10	122 ± 9
VI Voodoo CL+ (UIL17-6268 CL+)	CL+	SWW	95	20	112	17					122 ± 13
LWW18-1171		SWW	92	27							121 ± 19
WB1604		SWW	99	11	120	4	115	13	121	11	121 ± 9
LWW18-5080		SWW	92	29							121 ± 19
WB1783		SWW	82	43	109	21	113	14	120	12	120 ± 9
Stephens		SWW	90	32	115	11	115	12	120	13	120 ± 9
Norwest Tandem		SWW	91	30	108	22	110	17	119	14	119 ± 9
OR2160243		SWW	90	33							118 ± 19
OR2130755		SWW	95	21	109	19	112	15			118 ± 11
WA8307		SWW	86	37	108	23					118 ± 13
Stingray CL+	CL+	SWW	83	41	103	27	111	16			117 ± 11
IDO1708		SWW	87	35							117 ± 11
Sockeye CL+ (WA8306 CL+)	CL+	SWW	84	38	105	25					115 ± 13
AP Dynamic		SWW	81	45	105	26					114 ± 13
ARSX492-6CBW		Club	83	39							112 ± 19
UIL 17-7706 CL+	CL+	SWW	83	40							112 ± 19
OR5170022		Club	89	34	102	29					112 ± 13
09PN118-02 CL2	CL+	SWW	83	42							111 ± 19
Nixon		SWW	81	46	107	24	100	21	110	15	110 ± 9
VI Presto CL+ (UIL17-6451 CL+)	CL+	SWW	81	44	100	30	103	19			109 ± 11
Norwest Duet		SWW	78	47	102	28	106	18	108	16	108 ± 9
OR2x2 CL+	CL+	SWW	76	48	99	31	101	20			107 ± 11
LWW18-0587		SWW	76	49							105 ± 19
OR5180071		Club	76	50							105 ± 19
ARS Castella		Club	74	51							103 ± 19
WA8336		SWW	73	52							102 ± 19
IDO2008		SWW	73	53							102 ± 19
LWW17-5815		SWW	71	54							100 ± 19
Average			91		112		115		123		120
LSD (0.05)			9								
CV (%)			7								

*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 and testweight were lower than normal due to heat and a shortage of irrigation water later in the season.

Variety	Class	Quality*	Height in	Test Weight lbs/bu	Protein %	Lodging %
AP Exceed (11PN039#20)	SWW		33.7	61.1	12.0	0.0
LCS Artdeco	SWW	A	31.0	56.4	12.3	0.0
OR2160264	SWW		34.0	58.7	12.3	0.0
LCS Shine	SWW	MD	29.0	61.1	11.0	6.7
OR2170559	SWW		34.0	56.5	12.0	0.0
SY Assure	SWW	D	32.0	61.4	11.4	0.0
ORI2190025 CL+	SWW		32.0	56.6	12.9	0.0
LWW17-5877	SWW		33.3	58.5	12.8	0.0
AP Iliad	SWW		33.0	57.9	12.6	0.0
LCS Blackjack	SWW	D	33.7	55.4	12.6	0.0
M-Idas	SWW		31.7	59.3	11.3	0.0
Mary	SWW	D	33.3	57.4	12.2	0.0
Appleby CL+	SWW		37.3	57.9	11.9	0.0
Bobtail	SWW	MD	34.0	53.8	12.0	28.3
SY Dayton	SWW	A	33.3	57.8	12.4	0.0
ARSX500-14CBW	Club		35.3	57.1	13.1	1.7
M-Press	SWW	D	32.7	57.2	12.0	0.0
UI Magic CL+	SWW	D	31.0	56.2	12.7	0.0
13-046145A	SWW		31.7	57.5	12.8	0.0
Rosalyn	SWW	A	34.3	54.1	11.5	0.0
LCS Drive	SWW	D	31.0	58.4	11.6	0.0
LWW18-5078	SWW		34.3	56.2	12.0	0.0
LWW17-8185	SWW		32.3	56.3	12.7	3.3
Piranha CL+ (WA8305 CL+)	SWW	D	36.0	52.5	12.8	3.3
ORI2190027 CL+	SWW		34.0	58.6	12.5	50.0
WB1529	SWW	A	35.0	61.2	12.3	1.7
VI Voodoo CL+ (UIL17-6268 CL+)	SWW		31.0	55.5	12.3	0.0
LWW18-1171	SWW		36.3	49.8	11.8	13.3
WB1604	SWW	A	33.3	61.5	13.0	0.0
LWW18-5080	SWW		32.3	55.3	12.6	0.0
WB1783	SWW	LD	34.7	56.1	13.8	0.0
Stephens	SWW	D	34.0	58.1	13.1	0.0
Norwest Tandem	SWW	A	29.3	57.5	12.4	0.0
OR2160243	SWW		33.7	57.2	12.8	0.0
OR2130755	SWW		34.3	57.2	12.6	0.0
WA8307	SWW		37.3	53.4	12.8	5.0
Stingray CL+	SWW	D	33.0	54.7	12.6	0.0
IDO1708	SWW		35.3	57.2	13.2	13.3
Sockeye CL+ (WA8306 CL+)	SWW	MD	35.3	53.7	12.7	10.0
AP Dynamic	SWW		36.3	51.9	12.4	0.0
ARSX492-6CBW	Club		35.7	52.2	13.7	8.3
UIL 17-7706 CL+	SWW		30.3	54.8	12.9	0.0
OR5170022	Club		35.0	56.4	13.4	0.0
09PN118-02 CL2	SWW		36.3	55.5	12.9	0.0
Nixon	SWW	MD	33.3	53.2	12.9	0.0
VI Presto CL+ (UIL17-6451 CL+)	SWW		36.7	58.9	13.2	0.0
Norwest Duet	SWW	D	37.3	51.3	13.2	0.0
OR2x2 CL+	SWW		35.3	52.1	13.9	0.0
LWW18-0587	SWW		35.3	51.7	14.2	0.0
OR5180071	Club		36.0	47.5	13.0	0.0
ARS Castella	Club	MD	38.3	57.4	13.3	56.7
WA8336	SWW		35.7	54.1	11.2	96.7
IDO2008	SWW		31.7	52.8	13.4	0.0
LWW17-5815	SWW		35.7	52.8	13.4	0.0
Average			33.9	56.0	12.6	5.5
LSD			1.8	2.1	1.0	15.5
CV (%)			4	3	6	

*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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Madras (Irrigated)**



Site Description: Yield and testweight were lower than normal due to heat and a shortage of irrigation water later in the season.

Planting Date: 10-8-2020

Harvest Date: 8-10-2021

Site Location: 44.6799, -121.1510

Planting Method: Conventional Drill

Row Spacing: 7.5"

Fungicides: None (No Foliar Diseases Observed)

Plot Length: ~20'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice, Except Lodging Analyzed as Randomized Complete Block Design.