



2021 OREGON SOFT WINTER WHEAT YIELD TRIALS
Dufur (No-Till)



Site Description: Yield was lower than normal, due to drought and heat during grain filling.

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	
LWW18-5080		SWW	39	1							64 ± 10
ARSX492-6CBW		Club	38	2							64 ± 10
OR2160264		SWW	37	3							62 ± 10
M-Press		SWW	34	19	60	2	62	1			62 ± 6
LWW18-0587		SWW	37	6							62 ± 10
LWW17-8185		SWW	34	17	59	4					61 ± 7
ARSX500-14CBW		Club	36	9							61 ± 10
LCS Artdeco		SWW	36	8	60	3	61	2			61 ± 6
LCS Blackjack		SWW	34	16	61	1	61	3			61 ± 6
LWW17-5877		SWW	36	11							61 ± 10
AP Exceed (11PN039#20)		SWW	35	12							60 ± 10
ORI2190025 CL+	CL+	SWW	35	13							60 ± 10
WA8307		SWW	37	7	58	6					60 ± 7
Rosalyn		SWW	32	23	56	12	59	4			59 ± 6
SY Dayton		SWW	31	28	57	11	59	5			59 ± 6
AP Iliad		SWW	35	14	57	8					59 ± 7
SY Assure		SWW	35	15	57	9	59	6			59 ± 6
ARS Castella		Club	34	20							59 ± 10
Norwest Tandem		SWW	37	4	57	10	58	7			58 ± 6
ORI2190027 CL+	CL+	SWW	33	21							58 ± 10
OR2170559		SWW	33	22							58 ± 10
VI Presto CL+ (UIL17-6451 CL+)	CL+	SWW	37	5	58	5	58	8			58 ± 6
Mary		SWW	32	26	58	7	58	9			58 ± 6
09PN118-02 CL2	CL+	SWW	32	27							57 ± 10
Sockeye CL+ (WA8306 CL+)	CL+	SWW	24	49	54	13					56 ± 7
Nixon		SWW	29	35	53	15	56	10			56 ± 6
M-Idas		SWW	23	52	54	14					56 ± 7
UIL 17-7706 CL+	CL+	SWW	31	29							56 ± 10
LCS Shine		SWW	32	24	51	23	56	11			56 ± 6
LWW18-5078		SWW	31	30							56 ± 10
Norwest Duet		SWW	30	31	47	28	56	12			56 ± 6
OR2130755		SWW	29	38	52	18	56	13			56 ± 6
OR2160243		SWW	30	32							55 ± 10
13-046145A		SWW	30	33							55 ± 10
WA8336		SWW	29	36							54 ± 10
Bobtail		SWW	22	54	52	20	54	14			54 ± 6
LCS Drive		SWW	36	10	53	16	54	15			54 ± 6
AP Dynamic		SWW	27	43	52	21					54 ± 7
VI Voodoo CL+ (UIL17-6268 CL+)	CL+	SWW	34	18	52	22					54 ± 7
OR5180071		Club	29	39							54 ± 10
LWW17-5815		SWW	29	40							54 ± 10
LWW18-1171		SWW	28	42							53 ± 10
OR2x2 CL+	CL+	SWW	29	37	50	25	53	16			53 ± 6
Piranha CL+ (WA8305 CL+)	CL+	SWW	26	46	50	26					52 ± 7
UI Magic CL+	CL+	SWW	26	45	50	24	52	17			52 ± 6
Stingray CL+	CL+	SWW	24	48	47	29	52	18			52 ± 6
WB1783		SWW	29	41	48	27	51	19			51 ± 6
WB1604		SWW	32	25	52	19	51	20			51 ± 6
Stephens		SWW	27	44	52	17	51	21			51 ± 6
Appleby CL+	CL+	SWW	23	50	46	30	49	22			49 ± 6
IDO2008		SWW	23	51							48 ± 10
OR5170022		Club	23	53	45	31					48 ± 7
WB1529		SWW	26	47	45	32	47	23			47 ± 6
IDO1708		SWW	30	34							46 ± 7
		Average	31		53		55				56
		LSD (0.05)	6								
		CV (%)	15								

*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 was lower than normal, due to drought and heat during grain filling.

Variety	Class	Quality*	Test Weight lbs/bu	Protein %
LWW18-5080	SWW		63.0	11.6
ARSX492-6CBW	Club		60.6	12.4
OR2160264	SWW		62.2	11.9
M-Press	SWW	D	63.2	11.4
LWW18-0587	SWW		61.7	11.5
LWW17-8185	SWW		62.7	10.7
ARSX500-14CBW	Club		64.4	11.1
LCS Artdeco	SWW	A	62.4	10.6
LCS Blackjack	SWW	D	60.7	11.8
LWW17-5877	SWW		63.5	12.5
AP Exceed (11PN039#20)	SWW		65.4	10.8
ORI2190025 CL+	SWW		62.7	12.3
WA8307	SWW		61.4	12.2
Rosalyn	SWW	A	61.7	10.6
SY Dayton	SWW	A	63.7	11.5
AP Iliad	SWW		62.8	12.1
SY Assure	SWW	D	64.5	12.6
ARS Castella	Club	MD	62.7	11.6
Norwest Tandem	SWW	A	63.0	11.8
ORI2190027 CL+	SWW		62.9	12.3
OR2170559	SWW		62.7	13.0
VI Presto CL+ (UIL17-6451 CL+)	SWW		63.7	12.8
Mary	SWW	D	63.3	12.1
09PN118-02 CL2	SWW		61.8	12.2
Sockeye CL+ (WA8306 CL+)	SWW	MD	61.5	12.1
Nixon	SWW	MD	60.8	12.8
M-Idas	SWW		64.2	10.3
UIL 17-7706 CL+	SWW		62.2	12.8
LCS Shine	SWW	MD	63.6	10.6
LWW18-5078	SWW		61.0	12.6
Norwest Duet	SWW	D	59.9	12.0
OR2130755	SWW		62.5	12.7
OR2160243	SWW		63.8	11.5
13-046145A	SWW		64.1	11.6
WA8336	SWW		60.3	11.0
Bobtail	SWW	MD	58.8	11.5
LCS Drive	SWW	D	62.4	11.6
AP Dynamic	SWW		58.9	11.8
VI Voodoo CL+ (UIL17-6268 CL+)	SWW		64.1	10.9
OR5180071	Club		58.1	12.4
LWW17-5815	SWW		61.3	11.9
LWW18-1171	SWW		61.8	11.0
OR2x2 CL+	SWW		60.8	13.6
Piranha CL+ (WA8305 CL+)	SWW	D	61.3	12.5
UI Magic CL+	SWW	D	64.3	13.3
Stingray CL+	SWW	D	62.1	13.0
WB1783	SWW	LD	64.2	13.2
WB1604	SWW	A	65.1	12.2
Stephens	SWW	D	63.4	11.1
Appleby CL+	SWW		62.0	12.8
IDO2008	SWW		61.5	13.2
OR5170022	Club		61.9	13.9
WB1529	SWW	A	65.2	13.2
IDO1708	SWW		62.8	12.4
Average			62.4	12.0
LSD			0.8	0.5
CV (%)			1	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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Site Description: Yield was lower than normal, due to drought and heat during grain filling.

Planting Date: 10-9-2020

Harvest Date: 7-26-2021

Site Location: 45.4775, -121.1188

Fertility: 82.8-0-0 At Planting

Planting Method: No-Till Drill

Row Spacing: 15"

Plot Length: ~15'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice