

2021 OREGON SOFT WINTER WHEAT YIELD TRIALS
Eureka (Conventional Tillage)



Trial was conducted in collaboration with WSU and Northwest Grain Growers.

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	
LWW17-8185		SWW	50	2	64	3					76 ± 5
WA8307		SWW	49	5	62	4					75 ± 5
WA8336		SWW	49	3							74 ± 7
ARS-Crescent		Club	47	8	64	1	66	1	73	1	73 ± 4
Xerpha		SWW	52	1	64	2	65	2	73	2	73 ± 4
ARS Castella		Club	46	14	62	5	64	4	73	3	73 ± 4
LCS Shine		SWW	49	4	60	7	64	5	72	4	72 ± 4
LCS Blackjack		SWW	47	9	59	8	64	3	72	5	72 ± 4
LWW18-5078		SWW	47	7							72 ± 7
Norwest Duet		SWW	45	19	60	6	62	7	71	6	71 ± 4
LWW17-5877		SWW	46	10							71 ± 7
OR5180071		Club	46	11							71 ± 7
Rosalyn		SWW	43	38	57	12	61	8	71	7	71 ± 4
WA8335		SWW	46	12							71 ± 7
LCS Artdeco		SWW	45	17	55	20	62	6	70	8	70 ± 4
Bobtail		SWW	46	13	58	9	61	9	70	9	70 ± 4
Norwest Tandem		SWW	48	6	56	17	60	11	70	10	70 ± 4
LCS Hulk		SWW	43	32	57	15	60	10	70	11	70 ± 4
LWW18-5080		SWW	45	20							69 ± 7
Jasper		SWW	43	36	55	22	59	17	69	12	69 ± 4
M-Press		SWW	44	28	55	21	60	15	69	13	69 ± 4
ARSX492-6CBW		Club	44	26	57	14					69 ± 5
PNW Hailey		SWW	45	21							69 ± 5
Puma		SWW	44	22	57	13	60	13	69	14	69 ± 4
SY Dayton		SWW	45	18	57	11	60	14	69	15	69 ± 4
ARS-Seibu		SWW	44	23							69 ± 7
ARS Pritchett		Club	42	40	56	18	60	16			68 ± 4
LWW18-0587		SWW	44	24							68 ± 7
ARS14DH1122-26		Club	44	27							68 ± 7
X61-1		SWW	42	41	56	16					68 ± 5
Mary		SWW	43	31	57	10	60	12	68	16	68 ± 4
13-046145A		SWW	44	30							68 ± 7
AP Iliad		SWW	45	16	55	19					68 ± 5
LWW17-5815		SWW	43	33							68 ± 7
UIL 15-028024		SWW	43	34							68 ± 7
Purl		SWW	39	48	54	25	59	18	67	17	67 ± 4
AP Exceed (11PN039#20)		SWW	43	37							67 ± 7
M-Idas		SWW	46	15	55	23					67 ± 5
ARSX09500-17CBW		Club	42	39							67 ± 7
AP Dynamic		SWW	43	35	54	24					66 ± 5
OR2160243		SWW	42	42							66 ± 7
OR2160264		SWW	41	44							66 ± 7
OR2170559		SWW	41	45							66 ± 7
Nixon		SWW	44	29	54	26	56	20	65	18	65 ± 4
OR2130755		SWW	38	54	50	31	57	19			65 ± 4
ARSX500-14CBW		Club	40	46							64 ± 7
LCS Drive		SWW	44	25	52	27	54	23	64	19	64 ± 4
LWW18-1171		SWW	40	47							64 ± 7
WA8337		SWW	39	49							64 ± 7
13-553051A		SWW	39	51							63 ± 7
YSC-93		SWW	39	52							63 ± 7
YS-215		SWW	39	50	51	28					63 ± 5
SY Assure		SWW	41	43	48	32	54	21	62	20	62 ± 4
WB1529		SWW	36	58	48	33	53	25	62	21	62 ± 4
IDO2008		SWW	37	56							61 ± 7
Stephens		SWW	38	53	50	29	54	22	61	22	61 ± 4
WB1783		SWW	38	55	50	30	53	24	61	23	61 ± 4
WB1604		SWW	34	59	45	34	50	26	57	24	57 ± 4
IDO1708		SWW	36	57							57 ± 5
OR5170022		Club	25	60	38	35					50 ± 5
		Average	43		55		59		68		67
		LSD (0.05)	3								
		CV (%)	5								

*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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Variety	Class	Quality*	Height in	Test Weight lbs/bu	Protein %
LWW17-8185	SWW		24.4	60.5	11.1
WA8307	SWW		29.3	58.4	12.1
WA8336	SWW		20.3	58.5	11.4
ARS-Crescent	Club	MD	25.8	60.3	12.3
Xerpha	SWW	LD	30.1	60.0	12.1
ARS Castella	Club	MD	24.3	59.9	11.7
LCS Shine	SWW	MD	21.0	61.0	11.3
LCS Blackjack	SWW	D	25.9	57.8	11.7
LWW18-5078	SWW		25.9	60.8	12.2
Norwest Duet	SWW	D	31.5	60.3	12.5
LWW17-5877	SWW		23.1	60.0	13.0
OR5180071	Club		26.5	59.3	12.2
Rosalyn	SWW	A	26.4	58.7	11.4
WA8335	SWW		24.1	59.1	11.6
LCS Artdeco	SWW	A	21.9	58.6	11.6
Bobtail	SWW	MD	25.4	58.2	11.6
Norwest Tandem	SWW	A	22.4	60.3	12.0
LCS Hulk	SWW	A	25.8	61.2	12.6
LWW18-5080	SWW		25.2	60.4	12.1
Jasper	SWW	MD	26.4	59.6	13.2
M-Press	SWW	D	25.7	60.5	12.1
ARSX492-6CBW	Club		25.7	59.9	13.0
PNW Hailey	SWW		26.7	62.4	12.2
Puma	SWW	MD	28.2	60.9	13.1
SY Dayton	SWW	A	23.2	60.7	12.0
ARS-Selbu	SWW		27.5	62.3	12.7
ARS Pritchett	Club	D	29.4	61.7	12.2
LWW18-0587	SWW		27.4	59.7	12.1
ARS14DH1122-26	Club		25.9	62.2	13.1
X61-1	SWW		29.4	60.6	13.2
Mary	SWW	D	22.8	59.6	12.9
13-046145A	SWW		25.6	61.1	11.6
AP Iliad	SWW		24.5	59.4	12.2
LWW17-5815	SWW		25.4	61.3	12.6
UIL 15-028024	SWW		27.9	62.9	11.8
Purl	SWW	A	27.1	61.3	12.4
AP Exceed (11PN039#20)	SWW		23.1	61.0	11.9
M-Idas	SWW		21.7	60.9	10.8
ARSX09500-17CBW	Club		25.2	61.7	12.6
AP Dynamic	SWW		27.3	59.7	12.2
OR2160243	SWW		22.4	61.0	12.5
OR2160264	SWW		24.8	60.0	12.7
OR2170559	SWW		22.4	59.0	13.2
Nixon	SWW	MD	27.9	59.8	12.8
OR2130755	SWW		24.2	60.0	13.2
ARSX500-14CBW	Club		25.1	62.1	12.6
LCS Drive	SWW	D	20.5	58.6	12.1
LWW18-1171	SWW		24.9	58.2	11.6
WA8337	SWW		22.8	61.7	11.8
13-553051A	SWW		22.6	60.0	12.4
YSC-93	SWW		23.4	60.9	13.0
YS-215	SWW		25.4	60.8	12.4
SY Assure	SWW	D	22.5	61.3	13.2
WB1529	SWW	A	22.3	62.6	13.7
IDO2008	SWW		27.4	59.7	13.6
Stephens	SWW	D	23.9	58.1	12.5
WB1783	SWW	LD	27.1	63.3	13.3
WB1604	SWW	A	23.6	61.1	13.9
IDO1708	SWW		25.2	59.0	12.7
OR5170022	Club		21.9	59.5	15.4
Average			25.1	60.3	12.4
LSD			1.1	0.4	0.3
CV (%)			3	0.5	2

*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



**2021 OREGON SOFT WINTER WHEAT YIELD TRIALS
Eureka (Conventional Tillage)**



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Planting Date: 10-8-2020

Harvest Date: 7-21-2021

Site Location: 46.2937, -118.5953

Fertility: 80-0-0-20S Prior to Planting

Planting Method: Conventional Drill

Row Spacing: 15"

Fungicides: 4 oz Tilt At Herbicide Timing

Plot Length: ~15'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice