

2021 OREGON SOFT WINTER WHEAT YIELD TRIALS
Walla Walla (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	
ARSX09500-17CBW		Club	90	3							121 ± 14
LCS Blackjack		SWW	79	39	111	9	111	4	121	1	121 ± 7
LWW17-8185		SWW	90	2	115	2					120 ± 10
X61-1		SWW	89	5	114	3					120 ± 10
M-Idas		SWW	91	1	114	4					120 ± 10
LWW17-5877		SWW	88	6							119 ± 14
WA8335		SWW	88	7							119 ± 14
Bobtail		SWW	82	23	102	28	108	11	118	2	118 ± 7
SY Dayton		SWW	85	14	115	1	116	1	118	3	118 ± 7
WA8307		SWW	81	29	112	8					118 ± 10
LWW18-1171		SWW	86	10							117 ± 14
LWW18-5078		SWW	86	12							117 ± 14
M-Press		SWW	80	33	113	6	114	2	117	4	117 ± 7
ARS Castella		Club	78	43	106	15	110	5	116	5	116 ± 7
Purl		SWW	79	37	109	11	111	3	116	6	116 ± 7
LCS Artdeco		SWW	90	4	112	7	109	7	116	7	116 ± 7
Puma		SWW	87	9	110	10	110	6	116	8	116 ± 7
AP Exceed (11PN039#20)		SWW	84	15							115 ± 14
LWW18-5080		SWW	84	16							115 ± 14
WA8337		SWW	84	17							115 ± 14
ARSX500-14CBW		Club	84	18							115 ± 14
AP Iliad		SWW	84	19	108	13					114 ± 10
Rosalyn		SWW	79	38	102	27	105	18	114	9	114 ± 7
Jasper		SWW	83	21	107	14	107	12	114	10	114 ± 7
Norwest Tandem		SWW	80	31	104	23	106	16	114	11	114 ± 7
LCS Shine		SWW	85	13	114	5	108	8	113	12	113 ± 7
ARS-Crescent		Club	75	53	103	25	108	9	113	13	113 ± 7
13-046145A		SWW	82	22							113 ± 14
OR5180071		Club	82	24							113 ± 14
WA8336		SWW	82	25							113 ± 14
PNW Hailey		SWW	81	28							113 ± 10
ARSX492-6CBW		Club	80	30	106	16					112 ± 10
13-553051A		SWW	81	26							112 ± 14
Xerpha		SWW	87	8	101	29	104	19	111	14	111 ± 7
OR2170559		SWW	80	32							111 ± 14
Norwest Duet		SWW	79	40	109	12	108	10	110	15	110 ± 7
Nixon		SWW	80	34	105	21	107	14	110	16	110 ± 7
SY Assure		SWW	86	11	106	19	105	17	110	17	110 ± 7
Mary		SWW	77	46	106	18	106	15	110	18	110 ± 7
ARS Pritchett		Club	77	47	104	22	103	21			109 ± 8
LWW17-5815		SWW	78	41							109 ± 14
LCS Hulk		SWW	79	36	106	20	104	20	109	19	109 ± 7
UIL 15-028024		SWW	78	42							109 ± 14
AP Dynamic		SWW	79	35	103	24					109 ± 10
YSC-93		SWW	78	44							109 ± 14
WB1783		SWW	81	27	106	17	107	13	108	20	108 ± 7
IDO2008		SWW	77	48							108 ± 14
ARS-Selbu		SWW	77	50							108 ± 14
LWW18-0587		SWW	76	51							107 ± 14
OR2160243		SWW	75	52							106 ± 14
WB1529		SWW	83	20	103	26	103	22	105	21	105 ± 7
Stephens		SWW	72	57	100	31	101	23	105	22	105 ± 7
OR2130755		SWW	77	45	100	30	100	24			105 ± 8
OR2160264		SWW	74	54							105 ± 14
ARS14DH1122-26		Club	74	55							105 ± 14
WB1604		SWW	73	56	95	32	96	25	103	23	103 ± 7
LCS Drive		SWW	77	49	94	34	91	26	100	24	100 ± 7
OR5170022		Club	70	59	94	33					100 ± 10
YS-215		SWW	71	58	93	35					99 ± 10
IDO1708		SWW	67	60							97 ± 10
		Average	80		106		106		112		112
		LSD (0.05)	8								
		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.



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



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

Variety	Class	Quality*	Height in	Test Weight lbs/bu	Protein %
ARSX09500-17CBW	Club		35.4	60.6	11.9
LCS Blackjack	SWW	D	33.0	56.1	11.7
LWW17-8185	SWW		32.7	60.4	10.7
X61-1	SWW		37.1	59.7	12.3
M-Idas	SWW		32.4	59.6	10.1
LWW17-5877	SWW		32.3	60.3	11.8
WA8335	SWW		33.9	56.8	11.5
Bobtail	SWW	MD	32.9	55.8	11.4
SY Dayton	SWW	A	31.4	59.3	11.7
WA8307	SWW		36.3	54.8	11.9
LWW18-1171	SWW		36.1	57.6	10.7
LWW18-5078	SWW		35.7	60.7	11.5
M-Press	SWW	D	33.8	58.8	11.9
ARS Castella	Club	MD	34.6	56.9	11.3
Purl	SWW	A	34.9	58.7	11.9
LCS Artdeco	SWW	A	30.8	59.7	10.7
Puma	SWW	MD	37.6	60.1	11.7
AP Exceed (11PN039#20)	SWW		33.5	61.3	10.4
LWW18-5080	SWW		32.3	59.9	11.5
WA8337	SWW		31.2	59.5	11.2
ARSX500-14CBW	Club		34.1	59.8	11.9
AP Iliad	SWW		31.8	58.5	11.9
Rosalyn	SWW	A	33.3	55.6	11.2
Jasper	SWW	MD	35.1	56.7	12.5
Norwest Tandem	SWW	A	28.8	61.0	10.8
LCS Shine	SWW	MD	28.3	59.0	10.8
ARS-Crescent	Club	MD	34.4	57.4	12.2
13-046145A	SWW		32.8	60.0	10.9
OR5180071	Club		34.6	56.0	12.2
WA8336	SWW		31.0	57.0	10.9
PNW Hailey	SWW		33.2	61.2	11.7
ARSX492-6CBW	Club		32.8	56.4	13.4
13-553051A	SWW		32.7	58.4	12.2
Xerpha	SWW	LD	37.2	58.8	11.7
OR2170559	SWW		31.1	58.7	12.0
Norwest Duet	SWW	D	36.6	59.0	11.8
Nixon	SWW	MD	35.5	58.9	11.5
SY Assure	SWW	D	31.2	61.6	11.6
Mary	SWW	D	30.8	57.7	12.4
ARS Pritchett	Club	D	35.8	58.0	11.3
LWW17-5815	SWW		34.0	59.4	12.9
LCS Hulk	SWW	A	33.9	59.9	12.1
UIL 15-028024	SWW		34.0	61.0	11.2
AP Dynamic	SWW		35.1	57.7	11.8
YSC-93	SWW		33.7	59.8	11.3
WB1783	SWW	LD	34.9	62.1	12.2
IDO2008	SWW		35.5	59.7	12.1
ARS-Selbu	SWW		34.2	59.8	12.4
LWW18-0587	SWW		37.4	58.5	11.8
OR2160243	SWW		31.9	59.2	11.5
WB1529	SWW	A	30.9	61.9	11.5
Stephens	SWW	D	31.9	58.2	11.6
OR2130755	SWW		34.5	60.1	11.9
OR2160264	SWW		31.9	58.6	12.2
ARS14DH1122-26	Club		33.6	59.5	12.6
WB1604	SWW	A	32.0	59.1	12.2
LCS Drive	SWW	D	27.7	57.7	11.4
OR5170022	Club		30.9	57.0	13.1
YS-215	SWW		34.0	59.3	11.7
IDO1708	SWW		31.2	58.3	11.6
Average			33.4	58.9	11.7
LSD			1.4	1.6	0.6
CV (%)			3	2	4

*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
Walla Walla (Conventional Tillage)**



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

Planting Date: 10-15-2020

Harvest Date: 7-14-2021

Site Location: 46.0891, -118.2272

Fertility: 160-10-10-15S Prior to Planting

Fungicides: 2oz Tilt on 3-18-2021 (No Foliar Diseases Observed)

Plot Length: ~12'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice