



2022 OREGON SOFT WINTER WHEAT YIELD TRIALS
Tulelake (Irrigated)



This trial was a collaboration between the OSU Cereal Extension Program and the UC-Davis Intermountain Research and Extension Center

Variety	Herbicide Resistance	Class	2022 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		SWW	190	1	183	1					193 ± 11
LWW19-2232		SWW	187	2							191 ± 15
LWW19-6219		SWW	185	3							190 ± 15
LCS Blackjack		SWW	170	11	168	4	179	1	186	1	186 ± 8
OR2160264		SWW	182	4	172	2					182 ± 11
Bobtail		SWW	180	5	169	3	176	2	179	2	179 ± 8
LWW19-6591		SWW	175	8							179 ± 15
LCS Hulk		SWW	172	9	168	6	173	3	176	3	176 ± 8
WA8307		SWW	171	10							175 ± 15
OR2160243		SWW	163	15	162	7					172 ± 11
LCS Shine		SWW	179	6	168	5	169	4	172	4	172 ± 8
LWW17-5877		SWW	164	13	160	8					171 ± 11
Rosalyn		SWW	161	16	153	12	163	5	171	5	171 ± 8
OR2180149		SWW	166	12							170 ± 15
LCS Jefe (LWW17-8185)		SWW	179	7	159	9					169 ± 11
AP Iliad		SWW	164	14							168 ± 15
LCS Artdeco		SWW	160	18	156	10					166 ± 9
Norwest Duet		SWW	154	23	149	13	159	6	164	6	164 ± 8
15-451104B		SWW	159	19							163 ± 15
Nixon		SWW	149	32	145	17	156	7	163	7	163 ± 8
LWW19-5862		SWW	157	21							161 ± 15
SY Dayton		SWW	160	17	153	11	154	8	160	8	160 ± 8
Cameo		Club	155	22	149	15					159 ± 11
WB1621		SWW	154	24							158 ± 15
IDO2008		SWW	158	20	148	16					158 ± 11
WB1922		SWW	153	26							157 ± 15
WB1720		SWW	151	28							155 ± 15
LWW19-1576		SWW	150	29							155 ± 15
OR2130755		SWW	141	37	145	18					155 ± 9
LCS Drive		SWW	146	34	143	19					154 ± 9
SY Assure		SWW	150	30	149	14					154 ± 9
ORI2190027 CL+	CL+	SWW	149	31							154 ± 15
WA8371		SWW	148	33							153 ± 15
OR2170559		SWW	154	25	140	20					150 ± 11
OR5180071		Club	151	27	139	21					149 ± 11
ORI2190025 CL+	CL+	SWW	144	35							149 ± 15
OR2180377		SWW	144	36							149 ± 15
Norwest Tandem		SWW	139	39	134	22					145 ± 9
ARS09500-17CBW		Club	139	38							144 ± 15
		Average	160		155		166		171		165
		LSD (0.05)	12								
		CV (%)	5.4								

*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 %	Heading Date	Lodging %
AP Exceed	SWW		41.1	58.8	9.4	6/17	1.3
LWW19-2232	SWW		46.0	58.5	10.2	6/21	27.5
LWW19-6219	SWW		40.9	58.5	10.0	6/20	0.0
LCS Blackjack	SWW	D	37.0	56.5	9.8	6/20	0.0
OR2160264	SWW		40.8	57.9	10.5	6/17	0.0
Bobtail	SWW	MD	37.9	57.1	10.0	6/18	0.0
LWW19-6591	SWW		39.6	57.9	9.8	6/20	5.0
LCS Hulk	SWW	A	40.6	59.1	10.3	6/20	1.3
WA8307	SWW		43.4	58.3	10.5	6/21	3.8
OR2160243	SWW		39.2	57.4	10.0	6/20	0.0
LCS Shine	SWW	MD	35.1	57.6	10.5	6/16	1.3
LWW17-5877	SWW		39.3	57.5	10.4	6/17	0.0
Rosalyn	SWW	A	39.3	56.5	9.9	6/21	0.0
OR2180149	SWW		40.1	56.8	10.4	6/21	0.0
LCS Jefe (LWW17-8185)	SWW		40.9	57.8	9.7	6/21	0.0
AP Iliad	SWW	A	39.2	58.2	11.1	6/21	0.0
LCS Artdeco	SWW	A	39.2	54.5	10.0	6/19	0.0
Norwest Duet	SWW	D	47.0	58.1	10.1	6/22	33.8
15-451104B	SWW		41.5	55.2	9.6	6/17	0.0
Nixon	SWW	MD	42.3	55.7	9.8	6/22	0.0
LWW19-5862	SWW		38.4	54.8	9.8	6/23	0.0
SY Dayton	SWW	A	38.6	58.0	10.4	6/21	0.0
Cameo	Club		39.5	56.5	11.0	6/20	6.3
WB1621	SWW		42.9	59.7	10.4	6/21	3.8
IDO2008	SWW		42.9	56.7	10.4	6/21	5.0
WB1922	SWW		42.8	58.9	10.4	6/22	1.3
WB1720	SWW		37.0	56.8	10.5	6/18	0.0
LWW19-1576	SWW		36.9	57.2	10.3	6/20	0.0
OR2130755	SWW		44.0	57.6	10.6	6/17	2.5
LCS Drive	SWW	D	32.9	53.2	10.0	6/14	1.3
SY Assure	SWW	D	36.6	58.6	11.9	6/16	0.0
ORI2190027 CL+	SWW		39.8	58.1	10.9	6/19	1.3
WA8371	SWW		41.3	59.2	9.8	6/20	0.0
OR2170559	SWW		37.5	57.0	10.9	6/22	0.0
OR5180071	Club		40.3	57.7	10.7	6/23	0.0
ORI2190025 CL+	SWW		38.1	56.8	10.6	6/18	0.0
OR2180377	SWW		37.7	55.5	10.3	6/22	0.0
Norwest Tandem	SWW	A	36.0	54.1	10.6	6/17	0.0
ARS09500-17CBW	Club		41.2	57.6	10.7	6/20	5.0
Average			39.9	57.2	10.3	6/19	2.6
LSD (0.05)			1.3	1.4	0.5	2.4	12.3
CV (%)			2.4	1.7	3.8		

*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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Planting Date: 10-12-2021

Site Location: 41.9649, -121.4707

Total Irrigation: 14.7"

Plot Length: ~11'

Plot Width: 5'

Trial Design: 4-Replicate Randomized Complete Block