

2021 WSU Variety Testing Soft Winter Wheat Trial, Moses Lake

Variety Name <i>Club Italicized</i>	2021					2 Year [†]	3 Year [‡]	5 Year [§]
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<i>Released Varieties</i>								
Sockeye CL+ (WA8306 CL+)	156	57.7	12.8	38	150			
UI Sparrow	155	57.2	12.7	38	151			
Purl	151	59.2	12.2	37	149	119	122	
WB1783	150	61.0	12.2	36	149	117	118	
Jasper	150	58.1	12.8	37	148	122	121	
LCS Artdeco	149	58.3	12.3	34	145	122	122	134
YSC-215	149	60.5	12.1	36	150			
LCS Hulk	147	59.5	12.5	34	150	121	123	
AP Exceed (11PN039#20)	147	60.2	11.8	34	145			
SY Dayton	146	59.1	12.7	34	147	113	115	
LCS Shine	146	59.5	12.8	30	145	122	123	
M-press	146	59.2	12.1	36	148			
YSC-93	144	59.5	12.1	35	147			
Nixon	144	58.0	12.2	37	151	113	113	
Puma	143	59.3	12.6	38	150	117	118	120
Stingray CL+	142	58.8	11.9	34	148	118		
Piranha CL+ (WA8305 CL+)	138	57.3	13.1	37	150			
Norwest Duet	138	59.3	12.4	38	151	117	121	
WB1529	136	60.2	12.3	34	146	112	116	120
LCS Drive	136	54.5	12.3	31	144	115	118	
WB1604	135	60.0	12.7	33	144	115	119	125
Norwest Tandem	133	57.9	12.5	32	145	113	117	
OR2X2 CL+	132	57.1	12.5	37	150	112	108	
YSC-122	131	57.1	12.4	34	150			
ARS-Selbu	124	58.6	--	35	151			
AP Iliad ¹	--	--	--	--	--			
LCS Blackjack ¹	--	--	--	--	--			
PNW Hailey ¹	--	--	--	--	--			
Resilience CL+ ¹	--	--	--	--	--			
UI Magic CL+ ¹	--	--	--	--	--			
<i>Experimental Lines</i>								
UIL 13-046145A	164	59.0	12.3	36	146			
UIL 15-028024	161	60.3	12.5	37	150			
UIL 13-553051A	153	58.0	11.6	34	148			
LWW17-5877	153	59.8	11.3	34	143			
WA8337	148	58.0	11.4	35	148			
LWW17-8185	148	57.7	12.8	35	150			
LWW18-5080	148	59.5	11.4	33	147			
WA8336	147	55.3	12.9	32	150			
IDO2008	146	58.2	13.6	36	150			
X61-1	146	59.0	12.3	37	150			
OR2160243	144	58.5	12.2	34	147			
OR2160264	141	58.3	12.3	35	146			
GS2	141	58.5	13.2	38	152			
WA8307	140	56.6	11.5	37	150			
WA8335	137	55.3	13.9	33	150			

ORI2190025 CL+	134	55.3	13.6	34	145			
ORI2190016 CL+	110	54.0	13.4	24	145			
C.V.	6	1.4	1.7	4	1	7	6	8
LSD	15	1.4	0.4	2	2	10	7	7
Average	143	58.3	12.5	35	148	113	119	120
Highest	164	61.0	13.1	38	152	122	135	134
Lowest	110	54.0	11.8	24	143	94	108	107

[†] Yield not shown due to gopher damaged plots.

Agronomic Information

Planting Date:	10/12/2020
Harvest Date:	7/26/2021
Seeding Rate (seeds/ft ²):	23.75
Previous Crop:	Alfalfa
Spring soil test:	
N (lb/ac) 4-ft sample	220
P ₂ O ₅ (lb/ac) 1-ft sample	88
S (lb/ac) 2-ft sample	22
pH (top 6 inches)	5.8

Herbicide: Herbicides were applied by the cooperator

Trial Notes:

1. The Moses Lake nursery was located 1.5 miles NE of Warden, WA.
2. The nursery was fertilized prior to seeding at a rate of 160N, 21P, 19K.

Cooperator: Dennis Treat

[†]2 Year data from 2021 and 2018

[‡]3 Year data from 2021, 2018, and 2017

[§]5 Year data from 2021, 2018, 2017, 2016, 2015