

2022 WSU Variety Testing Soft White Winter Wheat Trial, Moses Lake

Variety Name <i>Club Italicized</i>	2022						2 Year	3 Year*	5 Year*
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Lodging (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
Released Varieties									
AP Exceed	157	57.0	11.6	40	153	0	149		
LCS Artdeco	155	53.1	10.9	37	152	0	147	137	143
LCS Blackjack	153	56.6	11.9	39	155	0			
LCS Shine	149	54.7	11.6	36	152	0	148	140	
LCS Hulk	147	59.1	12.6	45	155	0	146	139	144
ARS-Selbu 2.0	147	56.7	12.6	44	155	0	131		
AP Iliad	142	57.5	12.9	40	153	0			
Norwest Tandem	140	54.8	11.7	37	152	0	136	131	
LCS Jefe (LWW17-8185)	139	56.5	11.3	42	154	0	144		
SY Dayton	139	57.2	12.2	41	154	0	141	133	138
YSC-215	137	55.2	11.5	41	157	0	136		
TMC M-Press	130	55.8	12.2	41	155	0	135		
Purl	126	58.7	12.2	42	153	32	137	133	
Sockeye CL+	121	57.0	11.6	43	156	70	137		
TMC M-Pire (TMC2021SWW)	118	53.9	12.5	34	154	0			
Experimental Lines									
LWW19-6219	158	58.4	12.8	41	156	0			
GS3	158	56.5	12.5	45	158	0			
WA8307	153	57.6	13.0	44	158	0	145		
LWW19-6591	152	56.9	12.2	41	155	0			
WA8366	149	57.9	12.2	43	157	10			
OR2160243	147	55.8	12.4	41	154	0	143		
LWW17-5877	146	55.9	12.0	41	153	0	150		
UIL16-072025	145	59.3	12.3	45	155	10			
WA8347 AX	142	59.3	12.6	46	153	13			
OR2160264	140	56.1	12.4	39	153	0	141		
WA8349 AX	138	58.5	12.6	44	152	60			
WA8345 AX	138	57.1	12.4	45	153	14			
OR2170559	137	55.0	13.0	38	155	0			
WA8335	133	52.5	12.9	38	155	0	133		
OR2190027 CL+	131	58.1	12.6	40	153	0			
WA8346 AX	129	58.3	12.4	44	154	44			
UIL14-085001A	129	57.1	12.4	45	159	0			
YSC-217	119	57.0	12.2	39	157	0			
OR2190025 CL+	118	55.2	12.6	39	152	0	124		
YSC-93	118	56.3	11.2	41	153	67	125		
WA8336	114	52.6	11.6	39	154	18	131		
C.V.	5	1.5	2.8	3	1	102	6	6	5
LSD	14	1.9	0.8	3	2	21	11	NS	NS
Average	139	56.5	12.2	41	154	9	139	135	142
Highest	158	59.3	13.0	46	159	70	150	140	144
Lowest	114	52.5	10.9	34	152	0	124	131	138

*Data from 2018-2020 not used in multi-year averages due to limited irrigation practices.

Agronomic Information

Planting Date:	10/21/2021
Harvest Date:	8/18/2022
Seeding Rate (seeds/ft ²):	23.75
Previous Crop:	Potatoes
Spring soil test:	
N (lb/ac) 4-ft sample	656
P ₂ O ₅ (lb/ac) 1-ft sample	192
S (lb/ac) 2-ft sample	202
pH (top 6 inches)	5.9

Trial Notes:

1. The nursery was located approximately 11.5 miles southeast of Moses Lake, Wa.
2. The nursery was fertilized prior to seeding by the cooperator. All topdressed N was applied via fertigation.
3. Overall yield was the same and test weight was 1.8 lb/bu less than 2021.

Cooperator: Dennis Treat

Herbicides: Huskie (15oz), Miravis Ace (7oz), and Tilt (2oz) were applied on May 1.