

2022 WSU Variety Testing Soft White Winter Wheat Trial Summary

Precipitation Zone - Irrigated

Variety Name	Mattawa	Moses Lake	Average	Mattawa	Moses Lake	Average	Mattawa	Moses Lake	Average
	Yield (Bu/A)			Test Wt (Lbs/Bu)			Protein (%)		
<i>Released Varieties</i>									
LCS Blackjack	166	153	160	62.3	56.6	59.6	12.8	11.9	12.4
LCS Shine	153	149	159	63.2	54.7	59.2	12.3	11.6	11.8
AP Exceed	136	157	157	63.8	57.0	60.7	12.3	11.6	11.7
LCS Jefe (LWW17-8185)	152	139	153	62.9	56.5	59.8	11.8	11.3	11.5
LCS Hulk	152	147	151	62.7	59.1	60.9	13.0	12.6	12.7
LCS Artdeco	150	155	150	62.7	53.1	57.9	11.5	10.9	11.3
SY Dayton	127	139	144	62.6	57.2	59.9	12.1	12.2	12.0
AP Iliad	140	142	142	61.7	57.5	59.6	12.5	12.9	12.7
Norwest Tandem	132	140	134	60.4	54.8	57.7	12.1	11.7	11.9
TMC M-Pire (TMC2021SWW)	154	118	134	63.2	53.9	58.4	11.9	12.5	12.4
ARS-Selbu 2.0	124	147	132	62.4	56.7	59.4	13.0	12.6	12.9
YSC-215	132	137	127	63.5	55.2	59.3	13.1	11.5	12.5
TMC M-Press	135	130	127	61.9	55.8	58.8	12.1	12.2	12.3
Purl	108	126	119	62.2	58.7	60.5	12.7	12.2	12.6
Sockeye CL+	103	121	115	60.9	57.0	59.1	12.7	11.6	12.1
<i>Experimental Lines</i>									
LWW19-6219	136	158	148	62.3	58.4	60.3	12.8	12.8	12.5
LWW19-6591	131	152	146	62.8	56.9	59.7	12.6	12.2	12.5
GS3	138	158	146	60.8	56.5	58.5	13.1	12.5	12.7
OR2160264	142	140	145	62.2	56.1	59.3	12.7	12.4	12.4
OR2170559	147	137	143	60.9	55.0	58.2	13.4	13.0	13.1
UIL16-072025	123	145	141	62.0	59.3	60.6	12.8	12.3	12.5
OR2160243	129	147	140	62.3	55.8	59.1	12.5	12.4	12.6
LWW17-5877	129	146	135	61.7	55.9	58.9	12.4	12.0	12.2
WA8307	119	153	133	61.3	57.6	59.2	13.3	13.0	13.0
WA8366	123	149	133	59.9	57.9	58.7	12.8	12.2	12.7
WA8335	135	133	131	59.4	52.5	55.9	12.8	12.9	12.6
OR2190027 CL+	135	131	130	62.9	58.1	60.6	12.5	12.6	12.6
UIL14-085001A	123	129	127	60.0	57.1	58.8	12.8	12.4	12.5
WA8345 AX	113	138	126	61.3	57.1	59.2	12.8	12.4	12.7
OR2190025 CL+	130	118	122	61.7	55.2	58.3	13.4	12.6	12.9
WA8347 AX	115	142	121	62.0	59.3	60.5	12.6	12.6	12.8
WA8336	127	114	120	57.7	52.6	55.4	11.9	11.6	11.7
WA8349 AX	103	138	116	62.6	58.5	60.6	13.4	12.6	13.2
YSC-217	110	119	116	61.7	57.0	59.1	12.6	12.2	12.5
WA8346 AX	109	129	113	60.5	58.3	59.4	12.9	12.4	12.7
YSC-93	117	118	112	61.5	56.3	58.9	11.8	11.2	11.5
C.V. %	9	5	9	1.5	1.5	1.7	3.4	2.8	4.0
LSD (0.05)	22	14	14	2.1	1.9	1.2	1.0	0.8	0.6
Average	131	139	135	61.8	56.5	59.3	12.6	12.2	12.4
Highest	166	158	161	63.8	59.3	60.9	13.4	13.0	13.2
Lowest	103	114	112	57.7	52.5	55.4	11.5	10.9	11.3

*Some individual locations are analyzed using nearest neighbor analysis due to field variability. Multi-location average analyzed as an RCBD leading to different calculated averages.