



2023 WSU Variety Testing Soft White Winter Wheat Trial, Douglas

Variety Name <i>Club Wheat Italicized</i>	2023						2 Year Average (Bu/A)	3 Year Average (Bu/A)	4 Year Average (Bu/A)
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Snow Mold Rating			
Released Varieties									
LCS Hulk	73	61.8	10.3	34	152	5	2	--	--
LCS Shine	71	61.4	9.3	25	150	6	4	--	--
TMC M-Press	70	61.9	10.2	32	153	5	3	--	--
AP Exceed	69	61.7	9.9	31	147	4	3	--	--
VI Frost	68	62.1	10.8	31	151	5	3	--	--
Jameson (WA8290)	66	62.1	10.8	31	152	4	2	--	--
WB1621	65	63.3	10.2	29	152	6	4	--	--
WB1922	65	63.1	11.4	31	155	7	5	--	--
Norwest Duet	63	61.7	10.6	33	154	7	4	--	--
Devote	63	63.2	10.6	29	154	3	1	--	--
Norwest Tandem	62	61.7	10.4	23	150	6	4	--	--
TMC M-Pire	62	61.7	10.4	29	152	7	4	--	--
Pritchett	61	61.7	10.2	30	154	5	3	--	--
AP Dynamic	61	61.0	10.7	31	154	6	4	--	--
Otto	61	62.4	10.9	32	155	3	2	--	--
WB1720	59	62.3	11.6	27	151	7	6	--	--
Castella	58	61.0	10.2	27	154	7	4	--	--
YSC-215	58	62.3	10.3	28	153	4	3	--	--
GS Bounty	57	60.8	11.2	31	152	5	4	--	--
Nimbus (OR2130755)	55	62.0	10.8	30	150	7	5	--	--
ARS-Crescent	53	61.3	11.0	30	157	7	5	--	--
Rollie (WA8334)	44	61.9	11.0	27	155	7	6	--	--
LCS Kamiak (LWW17-5877)	15	--	--	--	--	9	8	--	--
LCS Jefe	4	--	--	--	--	9	9	--	--
Experimental Lines									
UIL 17-995133B	72	62.6	9.8	30	150	4	2	--	--
WA8394	71	62.1	10.1	31	155	5	2	--	--
WA8332	70	60.9	10.9	31	154	4	3	--	--
YSC-93	67	62.2	10.4	31	149	5	3	--	--
UIL 14-211120A	67	60.6	11.0	31	152	5	3	--	--
YSC-217	63	62.3	10.9	30	155	7	5	--	--
UIL 16-478001	62	61.7	11.0	33	152	6	4	--	--
OR5180071	61	62.5	10.7	28	154	6	3	--	--
ARS15X1460-8CBW	61	60.9	11.0	29	156	7	5	--	--
WA8362	60	60.6	11.1	36	154	4	2	--	--
LWW19-6219	59	61.6	11.4	30	152	5	4	--	--
WA8364	58	63.4	11.2	28	155	7	4	--	--
ARS12X097-12C	57	61.0	11.4	28	156	7	7	--	--
WA8395	54	60.0	9.9	33	154	6	5	--	--
OR5180072	45	60.0	11.7	27	154	7	6	--	--
LWW19-5862	16	--	--	--	--	9	8	--	--
LWW20-2383	7	--	--	--	--	9	8	--	--
LWW20-2867	5	--	--	--	--	9	8	--	--
C.V.	6	0.9	5.3	7	1	17	33	--	--
LSD	5	0.9	0.9	4	1	1	2	--	--
Average	56	61.7	10.7	29	153	6	4	--	--
Highest	73	63.4	11.7	34	157	9	9	--	--
Lowest	4	60.0	9.3	23	147	3	1	--	--

Agronomic Information

Planting Date:	8/24/2022
Harvest Date:	7/31/2023
Seeding Rate (seeds/ac):	500,000
Previous Crop:	Fallow
Fall soil test:	
N (lb/ac) 4-ft sample	168
P ₂ O ₅ (lb/ac) 1-ft sample	133
S (lb/ac) 2-ft sample	26
pH (top 6 inches)	5.0

Herbicides: Osprey Xtra (4.75oz), Huskie (15oz), Miravis Ace (7oz), and Tilt (2oz) were applied on May 8, 2023.

Trial Notes:

1. The nursery was located approximately 4.5 miles southeast of Waterville, WA.
2. The nursery was fertilized prior to seeding by the cooperator at a rate of 50N, 7S. No additional fertilizer was applied after fall soil sampling.
3. Heavy snow mold pressure greatly influenced yield and rankings.
Ratings used 1-9 scale where 1=no damage.

Cooperator: Mark Thomsen