

2022 WSU Variety Testing Soft White Winter Wheat Trial, Creston

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	Final Stnd (Rating)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
Released Varieties									
Sockeye CL+	92	61.7	11.1	38	166	7			
<i>Castella</i>	91	62.3	11.3	35	167	8	77	77	82
TMC M-Press	89	62.2	11.8	35	165	9	76	82	90
Norwest Duet	88	61.4	11.6	40	170	7	77	73	83
AP Exceed	87	63.2	10.8	36	162	8			
TMC M-Pire (TMC2021SWW)	84	62.8	11.4	33	163	8			
LCS Jefe (LWW17-8185)	81	62.4	10.2	33	168	7	72		
Piranha CL+	81	62.2	11.6	37	166	8	70	75	
LCS Sonic	80	61.0	11.9	33	166	7	74	81	87
WB1529	78	63.5	12.4	32	164	6	65	73	75
Norwest Tandem	77	61.4	11.4	30	163	7	72	76	83
<i>Pritchett</i>	74	60.6	11.6	32	168	7	66	72	79
Devote	73	62.6	12.0	32	169	7	66	71	75
AP Dynamic	73	60.3	12.2	35	171	6	65	73	
Stingray CL+	73	60.9	12.9	33	167	7	66	73	
LCS Blackjack	71	60.0	11.7	33	168	7			
LCS Hulk	66	62.0	12.4	32	168	6	67	70	81
Curiosity CL+	66	62.2	12.0	33	171	8	57	68	74
UI Magic CL+	66	62.8	12.7	31	166	6	57	59	68
VI Voodoo CL+	64	61.6	12.9	28	167	6	59		
VI Frost	63	61.5	12.7	34	165	6	64	64	73
Otto	61	61.3	12.4	32	172	6	59	66	73
VI Presto CL+	60	62.8	12.4	37	169	6	63	72	
Mela CL+	60	62.6	12.4	36	172	7	57	63	72
LCS Shine	60	60.2	11.0	30	164	6	60	72	81
AP Iliad	59	61.2	12.5	32	167	5			
<i>ARS-Crescent</i>	56	61.0	12.8	34	172	6	54	62	75
YSC-215	55	61.9	11.9	33	168	5	55	63	
Appleby CL+	54	61.3	12.9	34	163	6	51	59	
Experimental Lines									
WA8334	85	62.9	11.1	35	170	8	76		
09PN118-02 CL2	83	60.7	12.2	35	167	7	71		
<i>ARS13659-4C</i>	77	61.7	12.6	40	171	8			
GS3	75	60.7	12.3	36	168	7			
WA8346 AX	75	61.1	12.4	36	166	6			
WA8345 AX	74	61.7	12.4	35	165	7			
YSC-93	74	61.1	11.9	33	166	7	63		
LWW19-6219	73	61.4	13.0	31	166	7			
LWW19-6591	72	62.2	12.2	31	167	6			
LWW17-5877	72	61.2	12.4	33	161	6	67		
LWW19-2232	72	61.1	11.7	38	169	8			
UIL 14-085001A	70	59.8	12.5	33	169	6			
WA8348 AX	69	62.4	12.2	37	168	6			
<i>ARS12097-12C</i>	69	60.7	12.7	34	171	7			
WA8363	68	61.8	11.7	33	169	7			
UIL 15-028024	68	63.1	11.3	32	169	7			
<i>ARS141114-64C</i>	68	62.3	12.4	42	170	7			
OR2190027 CL+	67	61.4	12.5	32	166	5			
OR2130755	66	61.8	12.1	40	167	5	59		
WA8364	65	62.6	12.4	30	170	7			
WA8365	64	61.4	11.6	30	170	7			
WA8347 AX	61	62.4	12.3	38	168	5			
OR2190025 CL+	61	60.3	12.5	32	163	5	59		

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UIL 17-7706 CL+	60	61.7	12.9	30	167	6	60		
OR5180071	53	62.4	12.3	31	170	5			
C.V.	12	0.8	2.6	5	1	12	12	14	13
LSD	19	1.1	0.7	4	2	1	9	9	7
Average	71	61.7	12.1	34	167	7	65	70	78
Highest	92	63.5	13.0	42	172	9	77	82	90
Lowest	53	59.8	10.2	28	161	5	51	59	68

Agronomic Information

Planting Date:	9/9/2021
Harvest Date:	8/13/2022
Seeding Rate (seeds/ft ²):	21.5
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	196
P ₂ O ₅ (lb/ac) 1-ft sample	171
S (lb/ac) 2-ft sample	28
pH (top 6 inches)	4.7

Herbicides: Zidua (4oz) was applied on September 16.

Nexicor (13oz) was applied on June 17.

Trial Notes:

1. The nursery was located approximately 5 miles north of Creston, WA.
2. The nursery was fertilized prior to seeding by the cooperator. An additional 75N was applied on November 10.
3. Dry fall planting conditions led to significant differences in emergence among varieties which affected yield rankings. Final stand ratings where 9=best, 1=worst.
4. Overall yield was 22% greater and test weight was 4.7 lb/bu more than 2021.

Cooperator: Dan Krause