

2021 WSU Variety Testing Soft Winter Wheat Trial, Dusty

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>								
Jasper	54	56.3	12.2	26	147	78	72	86
<i>ARS-Castella</i>	52	59.2	11.5	24	149	80	77	86
Piranha CL+ (WA8305 CL+)	51	58.8	11.5	24	148	77	75	
<i>Pritchett</i>	51	59.0	12.0	25	151	75		
PNW Hailey	50	61.0	12.3	25	146			
LCS Shine	50	59.1	10.9	24	147	76		
Norwest Tandem	49	58.3	11.7	24	148	73	73	89
AP Iliad	48	57.5	11.9	25	146	74	74	
VI Voodoo CL+ (UIL 17-6268 CL+)	47	57.9	12.2	24	152	82	76	
Sockeye CL+ (WA8306 CL+)	47	58.4	11.8	22	152	75	74	
LCS Artdeco	47	58.0	11.3	24	149	79	73	
SY Dayton	47	59.7	12.1	27	146	79	74	
AP Dynamic	46	55.8	11.6	25	152	79		
M-press	46	58.3	11.9	24	149	74	74	
AP Exceed (11PN039#20)	46	60.5	11.4	24	143			
Stingray CL+	45	57.8	13.0	25	151	71	71	
Norwest Duet	45	56.9	12.3	26	151	79	74	86
LCS Blackjack	45	56.0	11.9	25	150	75	73	
Puma	44	58.4	12.8	26	152	72	69	84
VI Presto CL+ (UIL 17-6451 CL+)	44	59.9	12.8	25	149			
Nixon	44	57.2	12.2	23	151	73	72	85
LCS Drive	44	58.0	11.7	25	145	73	67	
<i>ARS-Crescent</i>	43	56.6	12.3	26	153	77	78	90
Purl	42	59.7	12.5	23	147	69	69	
OR2X2 CL+	42	57.6	13.1	25	150	72	70	78
Resilience CL+	41	58.9	12.7	26	153	64	63	
WB1783	39	60.0	12.8	25	147	70	67	80
LCS Hulk	39	58.3	13.0	24	151	69	68	83
YSC-215	38	59.0	12.6	24	151			
YSC-93	37	57.6	12.3	25	149			
ARS-Selbu	37	57.2	13.3	25	153			
UI Magic CL+	35	58.6	13.4	24	151	59	61	76
WB1604	33	59.7	13.0	26	147	63	62	74
<i>Experimental Lines</i>								
LWW17-5877	57	60.1	12.4	26	142			
LWW18-5080	54	59.8	11.7	24	148			
WA8307	49	57.7	12.7	24	148	85	81	
<i>ARSX09500-17CBW</i>	48	60.4	12.3	25	147			
<i>ARS09X492-6CBW</i>	48	56.9	13.3	27	152	75	75	
X61-1	48	59.2	13.0	25	148	77		
UIL 15-028024	47	60.0	12.0	27	152			
WA8336	47	54.5	10.9	25	150			
UIL 17-7706 CL+	46	57.3	12.1	26	152			
09PN118-02 CL2	45	57.4	12.9	24	147			
WA8335	44	56.6	11.5	25	148			
LWW17-8185	44	58.6	11.1	26	149			

UIL 13-046145A	41	59.3	11.7	25	147			
<i>ARS14DH1122-26</i>	40	60.6	12.8	26	152			
ORI2190025 CL+	38	56.4	12.2	25	148			
IDO2008	38	57.0	13.1	25	153			
OR2160243	38	57.8	12.3	27	149			
OR2160264	37	56.9	12.9	25	147			
WA8337	34	58.7	11.5	27	149			
UIL 13-553051A	32	55.9	12.8	27	153			
C.V.	7	0.9	1.6	8	1	9	8	8
LSD	5	0.9	0.3	3	3	7	5	5
Average	44	58.2	12.2	25	149	74	71	84
Highest	57	61.0	13.4	27	153	85	81	90
Lowest	32	54.5	10.9	22	142	59	59	74

Planting Date: 10/1/2020
 Harvest Date: 7/16/2021
 Seeding Rate (seeds/ft²): 21.5
 Previous Crop: Fallow
 Spring soil test:
 N (lb/ac) 4-ft sample 138
 P₂O₅ (lb/ac) 1-ft sample 320
 S (lb/ac) 2-ft sample 22
 pH (top 6 inches) 4.8

Herbicide: Zidua (2oz) was applied on October 9, 2020.
 Spring herbicides were applied by the cooperater.

1. The Dusty nursery was located 4 miles SE of LaCrosse, WA.
2. The nursery was fertilized prior to seeding at a rate of 90N, 10P, 15S. No additional fertilizer was applied after spring soil sampling.
3. Overall yield was 56% lower than 2020 and test weight was 2.3 lb/bu less.

Cooperator: Tyler Startin