

2018 WSU Variety Testing Soft Winter Wheat Trial, Reardan

Variety Name <i>Club Italicized</i>	2018					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)
Released Varieties								
Jasper	125	61.4	11.0	38	152	141		
Xerpha	124	62.0	11.2	38	155	134	129	108
<i>Pritchett</i>	120	60.3	11.2	39	155	126	118	
M-Press	120	61.8	10.6	35	153			
LCS Sonic	120	61.6	10.8	40	150	134	127	
SY Command	119	60.4	10.5	38	152	132	125	
<i>ARS-Crescent</i>	117	61.0	10.4	37	156	122	120	105
Norwest Duet	115	62.1	10.8	41	155	133	123	
ORCF-102	113	61.5	11.3	38	153	128	119	97
UI Castle CL+	112	62.8	11.6	39	154	120	112	
<i>ARS-Castella (ARS20060123-31C)</i>	112	61.6	10.5	38	151	133	124	
Dyna-Gro Impact	112	62.3	11.4	36	151			
LCS Hulk	112	62.7	10.8	36	152	132	127	
Norwest Tandem	111	61.8	10.8	33	150	132		
WB1783	110	63.5	11.4	37	151	129		
Puma	109	62.0	11.4	40	152	123	119	99
UI Magic CL+	107	62.4	11.3	34	151	122	112	
WB1529	106	63.7	11.5	34	150	120	111	
UI Sparrow	104	60.2	10.7	38	156	115	114	
Otto	103	61.6	11.3	39	158	110	105	92
WB1532	102	62.2	11.7	34	153			
Curiosity CL+	102	62.2	11.2	40	156	108	103	
Eltan	101	62.4	10.7	38	156	107	103	93
SY Banks	100	60.2	11.0	36	153	123	118	
<i>Bruehl</i>	99	59.3	11.3	39	157	115	113	95
WB1604	99	62.4	11.5	35	149	121	111	
Mela CL+	98	62.4	11.4	40	157	106	98	
SY Candor (09PN008#72)	97	62.0	11.3	36	153			
ORCF-103	94	61.4	11.3	35	156	102	100	87
WB1376CLP	88	63.2	12.7	36	151	100	93	
Experimental Lines								
LWW15-71945	129	60.0	10.9	36	152			
LWW14-72916	127	62.0	10.1	32	150			
<i>ARSWA2J100065C</i>	117	60.2	10.1	37	156			
KXB-01	116	61.7	11.0	38	155	127	121	
UIL 07-28017B	116	62.3	10.5	37	151	133	122	
<i>ARSDH08X117-83C</i>	113	63.0	10.9	37	151			
UIL 09-15702A	112	61.6	11.5	37	151	132		
KWS147	109	62.1	11.1	34	152			
WA 8290	108	61.6	11.1	39	155			
WA 8270	108	60.5	11.1	38	156	121		
ORI2150031 CL+	106	61.7	11.8	39	152	121		

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OR2121086	106	61.2	11.2	38	152	128		
WA 8291	106	61.9	11.0	41	155			
YS-205	105	62.7	11.5	36	155			
WA 8271	103	62.7	10.8	37	155	117		
IDO1708	101	60.6	11.0	34	149			
IDO1005	97	60.8	12.5	36	154			
C.V. %	7	0.5	3.8	3	1	7	7	6
LSD (0.05)	10	0.4	0.6	2	2	8	6	4
Average	109	61.7	11.1	37	153	123	115	97
Highest	129	63.7	12.7	41	158	141	129	108
Lowest	88	59.3	10.1	32	149	100	93	87

Agronomic Information

Planting Date:	9/15/2017
Harvest Date:	8/10/2018
Seeding Rate (seeds/ft ²):	21
Previous Crop:	Chem Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	227
P (ppm-bicarb) 2-ft sample	79
S (lb/ac) 2-ft sample	31
pH (top 6 inches)	4.94
Herbicide:	
Fungicides applied with herbicide application on 05/14	

Trial Notes:

1. The Reardan nursery was located about 7 miles west of Reardan, WA.
2. The nursery was fertilizer at seeding with no-till hoe drill: 800N 14P 17S. An additional 100N was applied in spring.
3. Overall yield was 19% less than 2017, and grain test weight was 0.9 lb/bu more than last year.

Cooperator H Johnson