

2018 WSU Variety Testing Soft Winter Wheat Trial, Anatone

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	Lodging (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
Released Varieties									
SY Candor (09PN008#72)	107	61.1	7.3	39	149	0			
LCS Sonic	106	59.1	6.5	40	145	0	101	101	
UI Sparrow	104	58.0	6.3	41	150	0	97	96	87
LCS Hulk	104	61.4	7.3	36	147	0	98	96	
WB1604	102	60.6	7.0	36	143	0	98	98	
Norwest Duet	101	59.9	6.7	43	148	0	97	93	
WB1529	100	61.8	7.3	37	146	0	94	89	
Puma	100	60.0	6.8	42	148	0	98	97	87
SY Banks	99	59.9	6.8	38	148	0	96	96	
<i>ARS-Castella (ARS20060123-31C)</i>	99	59.7	6.7	41	146	0			
Jasper	99	59.8	6.8	38	147	0	100		87
M-Press	98	59.9	6.4	36	147	0			
SY Command	97	58.6	6.6	37	146	0	94	94	
<i>ARS-Crescent</i>	97	60.1	6.3	40	150	0	96	93	84
<i>Pritchett</i>	97	58.1	6.3	41	147	0	96	95	
WB1783	95	61.7	7.0	38	145	0	95		
Xerpha	95	58.7	6.2	38	149	0	94	94	86
ORCF-103	94	59.0	7.5	39	152	0	84	86	81
ORCF-102	94	60.6	7.0	40	148	0	88	87	
Norwest Tandem	93	60.4	6.7	34	144	0	93		
Dyna-Gro Impact	91	60.1	6.4	36	146	0			
WB1532	89	60.0	6.9	36	148	0			
WB1376CLP	88	62.8	7.9	36	145	0	86	85	
UI Magic CL+	87	60.3	7.0	35	145	0	87	88	
UI Castle CL+	86	60.0	7.0	38	148	0	86	90	
Mela CL+	85	59.7	6.6	44	151	0	84	85	79
Eltan	84	59.0	6.7	41	152	0	82	85	80
<i>Bruehl</i>	83	57.5	6.6	41	150	0	84	85	79
Curiosity CL+	81	58.9	6.4	43	151	3	82	88	80
Otto	75	59.6	6.9	42	152	3	78	86	79
Experimental Lines									
LWW14-72916	109	60.3	6.6	34	144	0			
LWW15-71945	105	57.3	6.3	37	146	0			
WA 8291	101	60.2	7.1	42	150	0			
XB1104	100	61.7	7.4	34	143	0			
UIL 07-28017B	99	61.0	6.7	37	144	0	93		
WA 8270	97	59.8	6.8	43	149	0	81		
<i>ARSDH08X117-83C</i>	97	60.3	6.1	39	145	0			
UIL 09-15702A	96	60.8	6.9	38	146	0	91		
<i>ARSWA2J100065C</i>	95	58.6	6.0	40	149	0			
IDO1708	95	58.1	6.4	37	144	0			
KXB-01	94	58.9	6.3	39	148	0	94	92	
WA 8290	93	58.5	6.7	41	148	0			

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OR2121086	92	60.8	6.9	39	146	0	89		
IDO1005	91	59.4	7.4	39	149	0			
ORI2150031 CL+	88	60.3	7.6	39	149	0	87		
YS-205	86	62.6	6.4	37	148	0			
KWS147	82	61.7	7.3	35	145	0			
WA 8271	78	60.1	7.0	39	151	2	83		
C.V. %	7	0.5	4.0	2	1	414	8	9	8
LSD (0.05)	10	0.4	0.4	1	1	1	7	6	4
Average	94	59.9	6.8	39	147	0	91	91	83
Highest	109	62.8	7.9	44	152	3	101	101	87
Lowest	75	57.3	6.0	34	143	0	78	85	79

Agronomic Information

Planting Date:	9/26/2017
Harvest Date:	7/30/2018
Seeding Rate (seeds/ft ²):	21
Previous Crop:	Chem Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	190
P (ppm-bicarb) 2-ft sample	52
S (lb/ac) 2-ft sample	26
pH (top 6 inches)	6.5

Trial Notes:

1. The Anatone nursery was located about 7 miles north of Anatone, WA.
2. The nursery was fertilizer at planting 60N 10P 10S with a no-till drill with hoe opener.
3. Overall yield was 9% greater than 2017 and grain test weight was about 1.7 lb/bu greater than last year.

Cooperator: B Ausman

Herbicide:

PowerFlex HL, Huskie, Tilt on 04/19