

2018 WSU Variety Testing Soft Winter Wheat Trial, Almira

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)
<i>Released Varieties</i>								
Xerpha	122	60.5	8.2	41	154	110	108	95
M-Press	122	59.9	8.5	39	154			
Norwest Duet	121	61.2	8.2	47	154	127	121	
Dyna-Gro Impact	121	61.5	8.8	40	152			
<i>Pritchett</i>	120	59.0	7.7	43	153	109	104	87
Norwest Tandem	120	60.7	8.8	37	151	121		
LCS Sonic	119	60.2	7.9	40	150	115	119	
SY Command	119	59.1	8.1	39	152	111	107	
WB1783	118	62.6	8.7	42	150	115		
<i>ARS-Crescent</i>	118	59.8	7.8	39	156	108	107	86
Jasper	116	60.0	8.0	40	152	112		
LCS Hulk	115	61.9	8.3	39	151	115	116	
UI Magic CL+	115	61.0	8.6	38	150	106	98	
WB1529	114	62.0	8.5	36	150	107	106	
Curiosity CL+	114	61.1	8.5	44	155	106	105	89
UI Sparrow	113	59.5	8.4	43	155	112	111	
<i>Bruehl</i>	113	58.5	8.6	43	156	102	106	88
SY Candor (09PN008#72)	112	62.0	9.1	40	153			
<i>ARS-Castella (ARS20060123-31C)</i>	112	59.4	8.0	40	151	108	102	
Otto	111	61.1	8.3	42	156	102	104	88
UI Castle CL+	111	61.3	9.3	42	153	102	103	
Puma	111	60.9	8.7	45	152	105	105	89
Mela CL+	110	61.5	8.4	46	155	103	101	86
WB1532	110	61.1	8.9	39	153			
SY Banks	110	60.3	8.6	41	154	114	110	
Eltan	109	60.2	8.1	44	155	100	101	86
ORCF-102	109	61.1	8.6	44	154	105	104	85
WB1604	106	60.9	8.8	37	149	102	100	
WB1376CLP	99	63.5	10.1	38	151	93	92	
ORCF-103	97	60.0	8.6	38	156	84	88	78
<i>Experimental Lines</i>								
LWW15-71945	129	57.9	8.2	37	151			
UIL 09-15702A	127	61.0	9.4	40	151	116		
KXB-01	125	60.9	8.5	42	155	122	113	
UIL 07-28017B	124	61.6	8.7	41	151	114	111	
LWW14-72916	120	59.8	7.7	34	149			
WA 8290	119	60.1	7.9	44	154			
<i>ARSDH08X117-83C</i>	117	61.0	8.0	39	151			
<i>ARSWA2J100065C</i>	116	58.6	7.8	39	156			
WA 8291	113	60.9	8.3	48	154			
OR2121086	113	60.5	8.4	41	153	110		
YS-205	112	62.8	8.4	39	154			

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ORI2150031 CL+	112	61.5	9.3	41	153	103		
WA 8270	110	59.9	8.8	41	156	110		
IDO1005	108	60.7	9.3	41	155			
WA 8271	107	61.8	8.7	39	155	108		
IDO1708	106	58.8	8.7	38	148			
KWS147	100	61.7	9.9	35	150			
C.V. %	6	0.6	5.7	5	1	7	8	8
LSD (0.05)	9	0.5	0.7	3	1	8	6	5
Average	114	60.6	8.5	41	153	108	106	87
Highest	129	63.5	10.1	48	157	127	121	95
Lowest	97	57.9	7.7	34	148	84	88	78

Agronomic Information

Planting Date:	9/14/2017
Harvest Date:	8/15/2018
Seeding Rate (seeds/ft ²):	21
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	111
P (ppm-bicarb) 2-ft sample	74
S (lb/ac) 2-ft sample	32
pH (top 6 inches)	5.29

Herbicide:
Fungicides applied with herbicide application on 05/19

Trial Notes:

1. The Almira nursery was located about 9 miles north of Almira, WA.
2. The nursery was fertilizer prior to seeding. An additional 25N was applied in spring after soil sampling.
3. Overall yield was 14% more than 2017, and grain test weight was 2.0 lb/bu more than last year.

Cooperator D. McKay