

2018 WSU Variety Testing Soft Winter Wheat Trial, Dusty

Variety Name <i>Club Italicized</i>	2018						2 Year	3 Year*	5 Year**
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Protein (%)	Plant HT (In)	Head Date	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<b>Released Varieties</b>									
PNW Hailey	101	62.5	8.9	8.9	34	139			
Norwest Tandem	100	61.3	8.3	8.3	30	139	115		
Rosalyn	98	59.6	8.1	8.1	34	141			99
LCS Artdeco	97	60.6	8.6	8.6	31	138			
ARS-Crescent	96	60.5	7.2	7.2	36	144	108	103	106
Jasper	95	60.2	8.2	8.2	35	140	107	103	109
Puma	95	61.5	8.9	8.9	37	140	106	105	106
Xerpha	94	60.7	7.7	7.7	37	142	104	98	107
Dyna-Gro Impact	93	61.4	8.5	8.5	31	140			
ARS-Castella (ARS20060123-31C)	92	60.1	7.9	7.9	36	141	101	101	
LCS Hulk	91	62.4	8.6	8.6	33	141	105		
Bobtail	91	58.3	7.9	7.9	32	142			112
LCS Shark	90	60.3	8.8	8.8	32	138			
LCS Drive	89	58.8	8.4	8.4	30	138			
SY Dayton	88	60.9	8.5	8.5	31	141			
UI Sparrow	88	60.2	8.7	8.7	36	145	104		108
UI Magic CL+	87	61.3	8.8	8.8	32	139	100		
UI Palouse CL+	87	60.8	9.2	9.2	31	141			
SY Raptor	87	59.5	8.2	8.2	33	138			
M-Press	87	60.5	7.8	7.8	33	141			
Purl (WA 8234)	85	61.1	8.3	8.3	33	140			
SY Assure	85	61.6	8.7	8.7	33	135			
Resilience CL+	85	61.4	8.8	8.8	33	144			
ORCF-102	85	61.3	9.2	9.2	34	142	96	95	
WB1783	84	62.7	9.0	9.0	33	140	100		
UI Castle CL+	84	61.8	9.0	9.0	33	144	100		
Norwest Duet	82	61.2	8.2	8.2	38	142	104	101	
SY Ovation	82	61.0	8.8	8.8	34	141		88	
WB1529	79	62.5	8.7	8.7	31	139	93	90	
WB1604	79	60.8	8.8	8.8	32	136	92		
WB1376CLP	79	<b>63.3</b>	<b>9.6</b>	9.6	33	140	91		
SY Candor (09PN008#72)	79	61.6	9.2	9.2	33	142			
WB1532	77	60.9	9.1	9.1	31	143			
WB-528	77	60.9	8.7	8.7	32	138			72
Madsen	76	61.1	8.9	8.9	32	144		79	90
SY Banks	66	59.6	8.8	8.8	32	142	99		
<b>Experimental Lines</b>									
LWW15-71945	98	58.3	7.8	7.8	33	139			
UIL 07-28017B	95	61.9	8.2	8.2	34	137	108		
KXB-01	94	61.2	8.4	8.4	35	144	104	99	
WA 8293	92	61.3	8.5	8.5	34	141			
LWW14-72916	91	59.7	7.7	7.7	29	138			
IDN 15-72458DH	89	60.6	7.9	7.9	32	139			
ARS06132-45C	87	59.2	7.8	7.8	34	140			
YS-205	86	<b>62.9</b>	<b>8.7</b>	8.7	32	142			
LWW14-74143	86	58.3	7.7	7.7	33	137	75		
WA 8274 CL+	86	61.0	9.0	9.0	33	143			

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<b>WA 8232</b>	83	61.9	8.3	8.3	33	141			
<b>WA 8275 CL+</b>	83	61.5	8.6	8.6	33	141			
<i>ARSDH08X103-102C</i>	82	60.5	8.7	8.7	32	143			
<b>OR2121086</b>	81	61.2	8.7	8.7	34	139	106		
<b>XB1104</b>	76	62.1	9.0	9.0	30	136			
<b>ORI2150031 CL+</b>	75	60.8	8.8	8.8	36	141	91		
<b>IDO1708</b>	72	58.5	8.6	8.6	33	139			
<b>ORI2150061 CL+</b>	60	61.3	11.3	11.3	33	139			
<b>C.V. %</b>	8	0.5	4.3	4.3	4	1	8	7	7
<b>LSD (0.05)</b>	9	0.4	0.5	0.5	2	1	7	5	4
<b>Average</b>	86	60.9	8.6	8.6	33	140	100	97	101
<b>Highest</b>	101	63.3	11.3	11.3	38	145	115	105	112
<b>Lowest</b>	60	58.3	7.2	7.2	29	135	75	79	72

### Agronomic Information

Planting Date:	9/25/2017
Harvest Date:	7/17/2018
Seeding Rate (seeds/ft <sup>2</sup> ):	22
Previous Crop:	No-till Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	78
P (ppm-bicarb) 2-ft sample	65
S (lb/ac) 2-ft sample	15
pH (top 6 inches)	5.22
Herbicide:	
PowerFlex HL and Huskie with 4 oz/ac Tilt on 4/18/18	

### Trial Notes:

1. The Dusty nursery was located about 8 miles west of Dusty, WA.
2. The nursery was fertilized at planting 85 N 15P 15S with a no-till drill with hoe opener
3. Overall yield was 21% less than 2017 and grain test weight were also lower than 2017.

**Cooperator** T Startin

\* - 3-year data from 2018, 2017, 2015

\*\* - 5-year data from 2018, 2017, 2015, 2014, 2013