

**2018 WSU Variety Testing Soft Winter Irrigated Wheat Trial, Moses Lake**

Variety Name	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>								
Norwest Duet	96	59.3	11.9	31	150	112	124	
Resilience CL+	96	60.8	12.4	28	148		121	129
WB1604	96	60.7	12.0	24	144	110	119	
PNW Hailey	95	60.7	12.2	29	148			
LCS Hulk	95	60.1	12.7	26	147	111	127	
LCS Artdeco	95	59.3	11.0	25	148	108	126	133
Jasper	94	57.4	12.7	30	150	106		128
LCS Drive	94	59.5	11.9	22	145	109		120
UI Magic CL+	94	61.1	11.9	26	146	108	119	
Norwest Tandem	93	59.3	11.9	24	146	109		
SY Assure	93	61.4	11.8	24	141	108	126	
Dyna-Gro Impact	92	59.7	12.4	27	144			
SY Raptor	91	56.9	12.4	27	147			
Puma	91	58.9	12.8	31	150	106	118	127
UI Palouse CL+	90	58.5	12.7	26	146	97	110	
Bobtail	89	57.2	11.6	27	148	102	116	124
Purl (WA 8234)	88	58.5	12.4	27	149	107		
WB1529	88	61.1	11.6	23	145	106	112	
LCS Shark	87	59.7	12.3	24	150	106	126	
WB1783	85	61.3	13.2	28	149	103		
SY Ovation	84	58.7	12.4	26	150	100	123	134
Rosalyn	84	58.3	11.7	26	148	104	120	121
UI Castle CL+	82	59.8	13.0	30	149	96	113	
WB-528	82	59.9	12.2	24	146	105		126
SY Dayton	81	57.3	12.6	26	151	100	118	
WB1376CLP	77	61.4	13.4	25	146	94	109	
WB1532	75	57.2	14.4	27	146			
<i>Experimental Lines</i>								
LWW15-71945	100	57.4	11.8	26	146			
LWW14-72916	99	61.6	11.1	24	146	111		
LWW14-74143	99	58.5	10.6	26	147	120		
XB1104	94	61.5	12.0	23	142			
IDN 15-72458DH	94	58.4	11.6	27	148			
WA 8275 CL+	93	60.1	12.3	27	146			
WA 8274 CL+	93	58.4	13.0	29	147			
ORI2150031 CL+	92	58.8	13.1	32	147	96		
UIL 07-28017B	91	60.2	12.4	22	146	111	128	
OR2121086	83	58.2	12.5	28	148	98		
ORI2150061 CL+	80	61.2	13.6	27	142			
WA 8293	80	58.1	13.0	28	151			
WA 8232	80	58.7	12.7	28	152	102	117	
IDO1708	71	54.7	12.6	26	146			
YS-205	71	58.2	12.9	27	153			

## 2018 WSU Variety Testing Soft Winter Irrigated Wheat Trial, Moses Lake

Variety Name	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)
<b>C.V. %</b>	9	1.4	3.3	6	1	7	8	9
<b>LSD (0.05)</b>	11	1.1	0.6	2	2	7	7	6
<b>Average</b>	89	59.2	12.4	27	147	105	120	127
<b>Highest</b>	100	61.6	14.4	32	153	120	128	134
<b>Lowest</b>	71	54.7	10.6	22	141	94	109	120

### Agronomic Information

Planting Date:	10/18/2017
Harvest Date:	8/2/2018
Seeding Rate (seeds/ft <sup>2</sup> ):	24
Previous Crop:	Potatoes
Spring soil test:	
N (lb/ac) 4-ft sample	366
P (ppm-bicarb) 2-ft sample	50
S (lb/ac) 2-ft sample	173
pH (top 6 inches)	6.17
Herbicide:	
Huskie, Tilt on 04/19	

### Trial Notes:

1. The Moses Lake nursery was located about 21 miles northeast of Moses Lake, WA.
2. The nursery was fertilizer at 215N 20P 50S. No additional N was applied in the spring after soil sampling.
3. Overall yield was 25% less than 2017 and grain test weight was 1.1 lb/bu less than last year.

**Cooperator** S Stahl