

2018 WSU Variety Testing Soft Winter Wheat Trial, Farmington

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								
Rosalyn	150	61.0	8.3	39	151	161	139	122
LCS Artdeco	144	61.7	8.9	36	148	150	125	118
Jasper	144	61.9	8.5	40	154			
SY Ovation	141	61.3	9.0	37	148	139	120	110
Bobtail	141	59.7	8.3	38	151	146	121	112
UI Castle CL+	141	62.6	8.9	41	152	144		
LCS Drive	137	60.3	9.8	33	149			
SY Dayton	137	62.1	8.8	37	153	136		
ARS-Castella (ARS20060123-31C)	136	61.6	8.5	43	150	141	123	
LCS Hulk	136	63.1	10.0	39	152	145		
Norwest Duet	136	62.0	8.5	45	153	147		
SY Raptor	136	61.9	9.0	38	152			
WB1604	135	62.7	9.3	37	148	136	111	
UI Sparrow	135	60.6	8.9	44	154	140		
Xerpha	135	61.2	8.3	40	154	144	128	119
SY Assure	135	62.9	9.6	35	147	142		
Norwest Tandem	133	62.4	9.1	34	149			
M-Press	132	61.4	8.4	36	152			
UI Magic CL+	132	62.2	8.7	36	147	137		
Purl (WA 8234)	131	62.6	8.4	38	150	140	125	
PNW Hailey	130	63.5	8.5	40	153			
Dyna-Gro Impact	130	61.7	9.7	39	152			
LCS Shark	130	60.9	9.0	38	149			
SY Banks	129	61.8	8.6	39	153			
SY Candor (09PN008#72)	129	63.0	9.7	39	153			
Puma	129	61.8	8.6	43	152	144	133	119
ARS-Crescent	128	60.9	8.4	40	154	137	124	112
WB-528	125	62.8	9.5	39	148	131	115	107
WB1783	124	64.0	9.2	39	150			
ORCF-102	123	62.6	9.1	41	153	136	117	
UI Palouse CL+	122	61.4	9.1	37	153	130		
WB1529	120	63.8	9.6	37	148	121	106	
Resilience CL+	119	61.9	9.4	38	154	130	115	
WB1532	118	62.5	8.9	38	152			
Madsen	117	61.8	9.7	39	154	129	112	103
WB1376CLP	114	64.9	9.7	38	149	115		
Experimental Lines								
LWW14-74143	152	59.2	7.8	38	148			
IDN 15-72458DH	150	61.6	8.6	40	150			
LWW15-71945	148	59.5	8.7	38	150			
KXB-01	139	60.9	9.2	41	153	148		
WA 8232	138	63.2	8.0	42	154	149	135	
ARS06132-45C	137	60.5	8.8	39	152			
LWW14-72916	136	62.8	9.0	35	149			
UIL 07-28017B	135	62.8	8.9	38	150	139		
XB1104	130	64.0	10.0	34	148			

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WA 8293	130	61.5	9.2	41	153			
WA 8275 CL+	129	62.2	9.6	38	154			
OR2121086	129	62.5	8.8	40	150			
YS-205	128	64.0	9.0	39	153			
<i>ARSDH08X103-102C</i>	123	61.8	9.1	37	152			
IDO1708	123	61.0	9.1	37	147			
WA 8274 CL+	123	61.2	10.0	39	153			
ORI2150031 CL+	120	62.3	9.9	39	154			
ORI2150061 CL+	103	63.8	11.4	35	148			
C.V. %	4	0.8	6.4	3	1	6	6	6
LSD (0.05)	7	0.6	0.8	2	2	7	6	4
Average	132	62.0	9.1	39	151	139	122	114
Highest	152	64.9	11.4	45	154	161	139	122
Lowest	103	59.2	7.8	33	147	115	106	103

Agronomic Information

Planting Date:	10/4/2017
Harvest Date:	8/20/2018
Seeding Rate (seeds/ft ²):	24
Previous Crop:	Chickpeas
Spring soil test:	
N (lb/ac) 4-ft sample	181
P (ppm-bicarb) 2-ft sample	94
S (lb/ac) 2-ft sample	40
pH (top 6 inches)	5.2

Trial Notes:

1. The Farmington nursery was located about 1 mile south west of Farmington, WA
2. The nursery was fertilized prior to seeding with 113N 20S 5P.
3. Overall yield was 13% more than in 2017, and grain test weight was 0.4 lb/bu more than in 2017

Cooperator B Nelson

* - 2-year data from 2018, 2016

** - 3-year data from 2018, 2016, 2015

*** - 5-year data from 2018, 2016, 2015, 2014, 2013