

2018 WSU Variety Testing Soft Winter Wheat Trial, Fairfield

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>								
Rosalyn	77	59.0	8.4	32	153	100	112	101
ORCF-102	76	60.6	10	34	153	91	99	
Norwest Tandem	76	60.9	10	28	152	99		
Bobtail	76	57.8	8.9	30	154	92	98	95
PNW Hailey	75	62.4	10.1	32	153			
SY Ovation	75	59.8	9.3	29	151	85	93	90
Norwest Duet	74	60.3	9.5	36	156	97	104	
ARS-Crescent	74	60.2	9.3	33	158	98	109	107
Jasper	74	59.2	9.8	31	153	92		
UI Sparrow	73	59.8	9.9	34	156	83	99	98
Puma	72	60.8	9.7	35	153	89	98	93
Xerpha	72	60.6	9.6	31	154	91	100	94
SY Candor (09PN008#72)	72	60.9	9.9	31	153			
LCS Artdeco	71	59.6	9.3	27	152	85	94	91
UI Palouse CL+	71	58.9	9.9	30	153	87	96	
LCS Hulk	70	61.5	9.8	32	154	91	99	
SY Assure	70	61.2	10.2	28	151	92	96	
M-Press	69	60.4	9.4	30	153			
ARS-Castella (ARS20060123-31C)	69	59.2	9	30	153			
LCS Shark	68	59.5	10.4	30	151	87		
Resilience CL+	67	60.8	10.6	31	155	86	95	
UI Magic CL+	67	61.1	10.2	28	151	82	88	
UI Castle CL+	67	61.0	10.8	34	156	84	95	
WB1604	67	61.3	10	29	151	83	91	
Dyna-Gro Impact	66	61.2	10.2	30	153			
Purl (WA 8234)	65	60.9	9.7	30	152	85	97	
SY Dayton	63	60.2	9.8	29	152	89	98	
WB1532	62	60.5	10.8	28	154			
WB1783	61	60.9	10.8	30	153	81		
SY Raptor	61	60.3	9.7	30	153	82		
Madsen	61	59.9	9.7	31	157	81	91	91
LCS Drive	60	59.0	10.5	26	152	76		
WB1376CLP	60	62.0	11.2	31	152	77	82	
WB1529	59	60.7	10.5	29	152	89	94	
SY Banks	54	58.2	9.5	31	156			
WB-528	48	58.6	10.7	31	152	78	87	85
<i>Experimental Lines</i>								
LWW14-74143	80	57.7	8.6	33	152			
UIL 07-28017B	79	61.8	10	31	152	93	99	
IDN 15-72458DH	77	60.1	9.5	33	152			
LWW15-71945	76	57.9	9.1	30	153			
WA 8274 CL+	75	60.1	10.6	33	155	90		

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KXB-01	73	60.6	10.4	33	155	95	102	
LWW14-72916	72	59.8	9	28	152	92		
WA 8232	68	60.9	9.2	31	154	89	97	
WA 8293	68	60.7	10.4	33	155			
WA 8275 CL+	67	60.2	9.9	31	154			
<i>ARS06132-45C</i>	65	58.5	9.6	27	153			
<i>ARSDH08X103-102C</i>	65	59.1	9.7	30	155			
OR2121086	62	59.2	9.8	31	153	83		
ORI2150031 CL+	61	60.0	10.5	32	154	75		
YS-205	60	60.6	10.2	31	157			
XB1104	58	61.1	10.3	26	151			
IDO1708	58	58.3	9.9	28	151			
ORI2150061 CL+	52	60.4	11.5	29	151			
C.V. %	10	1.2	4.9	5	1	12	10	9
LSD (0.05)	9	1.0	0.7	2	2	10	7	5
Average	68	60.1	9.9	31	153	87	97	94
Highest	80	62.4	11.5	36	158	100	112	107
Lowest	48	57.7	8.4	26	151	75	82	85

* - 5-year data from 2018, 2017, 2016, 2014, 2013

Agronomic Information

Planting Date:	9/29/2017
Harvest Date:	8/20/2018
Seeding Rate (seeds/ft ²):	24
Previous Crop:	Lentils
Spring soil test:	
N (lb/ac) 4-ft sample	185
P (ppm-bicarb) 2-ft sample	40
S (lb/ac) 2-ft sample	30
pH (top 6 inches)	5.64

Trial Notes:

1. The Fairfield nursery was located about 6 miles west of Fairfield, WA.
2. The nursery was fertilized at seeding with no-till hoe drill: 100N 17P 17S.
3. Overall yield was 34% less than 2017, and grain test weight was 0.3 lb/bu less than last year.

Cooperator D Degon