

2016 WSU Variety Testing SW Winter Wheat Trial, Fairfield

Variety Name <i>Club Italicized</i>	2016					2 Year*	3 Year**	5 Year***
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES								
Rosalyn	135	61.9	8.6	39	150	115	101	
<i>ARS-Crescent</i>	132	62.6	9.0	38	154	121	114	102
UI Sparrow (IDO1108DH)	131	60.9	8.8	41	153	117	109	
ARS-Selbu	121	64.0	10.4	39	151	110	97	86
Norwest Duet (LOR-092)	120	62.4	10.5	45	150			
Mela CL+	119	62.8	9.6	41	154			
UI Castle CL+	119	63.2	9.7	39	151			
SY 107	119	62.8	9.5	37	149	111		
Xerpha	118	62.7	9.6	39	153	114	96	89
Curiosity CL+	117	62.4	9.5	41	152			
WB 523	117	62.4	10.5	39	149	105	90	
<i>Cara</i>	117	62.0	9.7	37	154	106	94	88
Puma	116	61.5	9.9	43	149	104	96	85
UI Palouse CL+	114	61.9	10.6	37	151			
ORCF-102	114	63.8	10.5	39	149	104		
Legion	114	62.0	9.9	41	149	106	94	
LCS Artdeco	114	60.8	10.1	37	147	103	95	83
Madsen	113	62.4	9.7	37	151	104	97	91
AP700 CL	112	62.7	11.0	39	148	98	91	
Bobtail	110	61.9	9.3	38	152	110	97	
UI-WSU Huffman (IDN-03-29902A)	109	62.8	10.5	36	153	103	94	
SY Ovation	108	62.7	10.2	38	151	103	93	
Mary	108	62.8	10.1	38	147	106	104	91
WB-Junction	108	63.1	10.6	37	147	103	91	
WB1604	107	63.1	11.0	38	149			
WB-528	107	63.5	10.6	40	147	100	89	81
SY Assure (04PN096-2)	105	63.1	10.6	35	148			
WB1529	102	63.5	10.9	37	148			
UI Magic CL+	100	63.3	10.8	36	148			
Skiles	99	62.4	11.1	36	149	101	94	87
WB1376CLP	93	63.5	12.0	38	149			
EXPERIMENTAL LINES								
WA 8233	134	61.7	9.6	41	154			
Xerpha-G2	126	62.5	10.6	39	154			
WA 8245	124	61.3	10.0	37	152			
WA 8234	121	63.3	10.4	41	148			
IDN 06-03303B	119	61.5	10.0	39	149			
WA 8235	118	63.0	10.5	36	151			
LWW14-73163	117	63.1	10.5	37	149			
KXB-01	116	62.2	10.7	39	152			
09PN062#18	115	62.3	11.0	37	151			
<i>ARS20060123-31C</i>	115	63.2	10.2	40	150			
WA 8206	114	62.4	10.2	38	150	107		
WA 8187	114	62.7	10.9	37	151	107		

2016 WSU Variety Testing SW Winter Wheat Trial, Fairfield

Variety Name <i>Club Italicized</i>	2016					2 Year*	3 Year**	5 Year***
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
WA 8232	114	63.2	10.5	41	150			
Xerpha-0W	113	62.7	10.2	38	154			
IDN 01-10704A	112	62.1	9.8	40	152	103		
IDN 06-18102A	111	61.4	10.0	37	149			
IDN 07-28017B	111	63.2	10.1	37	149			
<i>ARS06136-49C</i>	109	62.5	10.7	40	152			
LOR-913	106	61.8	10.5	36	148			
OR2110526	99	63.4	10.6	36	147			
LOR-833	96	62.9	11.3	35	148			
C.V. %	7	1	6	4	1	6	7	7
LSD (0.05)	10	0.6	0.8	2	2	7	7	5
Average	114	62.6	10.2	38	150	107	97	88
Highest	135	64.0	12.0	45	154	121	114	102
Lowest	92	60.8	8.6	35	147	98	89	81

Agronomic Information

Planting Date:	10/6/2015
Harvest Date:	8/18/2016
Seeding Rate (lbs/acre):	95
Previous Crop:	Lentils
Spring soil test:	
N (lb/ac) 4-ft sample	248
P (ppm-bicarb) 2-ft sample	253
S (lb/ac) 2-ft sample	53
pH (top 6 inches)	5.92
Herbicide:	
Huskie, Tilt applied on 4/21.	

Trial Notes:

1. The Fairfield nursery was located about 5 miles east of Fairfield, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. This location was planted with our no-till drill with hoe openers. Fertilizer applied at planting was: 90#N, 15#P, 15#S.
3. Only one application of fungicide was applied and stripe rust was not a factor.

Cooperator: D. Degon

* = 2-year data from 2016 & 2014

** = 3-year data from 2016, 2014, 2013

*** = 5-year data from 2016, 2014, 2013, 2012, 2011