

2017 WSU Variety Testing SW Winter Wheat Trial, Connell

Variety Name <i>Club Italicized</i>	2017						2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	SPRING STAND	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES									
Mela CL+	71	61.5	11.1	38	148	6.7	67	53	44
<i>Pritchett (4J0713366C)</i>	66	61.4	10.3	35	147	6.7	67	53	
Curiosity CL+	66	61.6	11.1	36	148	6.7	64	52	46
Norwest Duet (LOR-092)	66	61.4	11.0	34	147	5.3	69	54	
Xerpha	65	61.2	11.4	35	147	6.0	69	54	46
<i>Coda</i>	63	64.2	11.1	36	147	5.3	61	46	40
Otto	59	60.7	11.8	36	149	5.0	59	47	43
Eltan	58	60.2	11.7	35	149	5.7	61	49	44
<i>ARS-Crescent</i>	57	60.1	11.5	33	148	5.7	59	46	40
SY Banks (SY 09PN005#25)	57	60.1	11.3	34	144	6.3	62		
WB1529	55	62.8	11.6	31	142	5.3	63	49	
Jasper	55	61.1	11.5	32	144	4.0			
ORCF-103	54	61.6	11.3	30	147	6.0	57	47	38
UI Sparrow (IDO1108DH)	54	60.1	10.7	35	146	5.0	55		
ORCF-102	53	61.8	11.3	34	143	6.3	60	47	
SY Command (SY 04PN066-7)	52	60.6	10.4	31	144	5.7	65		
WB1843	52	60.8	11.8	32	145	6.0	57		
<i>Bruehl</i>	51	58.9	11.6	36	148	5.0	56	45	38
WB1604	51	62.2	11.8	32	141	5.0	60		
Masami	50	59.9	11.6	32	147	5.7	52	43	40
Mary	50	59.9	12.0	32	142	3.7	63		
Norwest Tandem (LOR-334)	50	61.1	10.9	29	141	5.0			
Puma	49	61.2	11.6	35	142	5.0	61	49	43
SY 107	49	60.8	11.2	29	145	5.3	62	49	
WB1783	48	62.5	11.5	33	144	5.0			
UI Magic CL+	47	62.1	11.6	28	143	4.7	57		
UI Castle CL+	41	61.4	11.8	33	147	5.3	52		
Legion	38	60.4	11.4	33	145	5.0	55		
WB1376CLP	31	62.5	13.1	32	142	3.3	51		
EXPERIMENTAL LINES									
<i>ARS20060123-31C</i>	71	61.0	11.5	36	145	5.7	69	54	
KXB-01	69	61.0	11.3	35	146	5.7	71	55	
WA 8227	65	60.0	10.9	35	149	6.3	61	48	
WA 8271	61	62.0	11.2	33	148	5.0			
WA 8226	59	60.6	11.3	34	147	4.7	61	47	
KWS 145	59	61.8	11.4	33	142	4.7			
LWW14-73161	58	61.0	11.6	34	143	5.7	64		
<i>ARSDH08028-111C</i>	57	61.4	10.3	33	145	5.3			
LWW14-73163	57	61.1	11.0	34	143	5.7	64		
WA 8276	57	61.3	11.3	29	148	3.7			
IDN 06-03303B	56	59.9	10.7	31	143	6.0			
IDN 07-28017B	53	61.5	10.7	33	143	4.7	64		
OR2121086	53	61.8	11.8	34	142	5.3			
IDN 09-15702A	52	61.1	12.8	35	143	5.3			

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WA 8270	51	59.2	12.4	34	147	5.3			
ORI2150031 CL+	42	61.6	12.1	31	144	4.7			
XA1401 CL+	41	62.6	12.6	32	143	5.3			
XA1101 CL+	38	61.2	12.5	28	142	6.3			
LWW14-74143	17	58.4	11.4	28	143	4.3			
C.V. %	11	2	6	5	1	22	8	8	8
LSD (0.05)	8	1.3	1.0	2	1	1.6	5	3	2
Average	54	61.1	11.5	33	145	5.3	61	49	42
Highest	71	64.2	13.1	38	149	6.7	71	55	50
Lowest	17	58.4	10.3	28	141	3.3	51	38	37

Agronomic Information

Planting Date:	9/9/2016
Harvest Date:	7/27/2017
Seeding Rate (seeds/ft ²):	12
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	204
P (ppm-bicarb) 2-ft sample	44
S (lb/ac) 2-ft sample	29
pH (top six inches)	6.06

Herbicide:

PowerFlex, Ally, 2,4-D, Aproach (fungicide)
 applied at herbicide timing; Second fungicide
 application via air

Trial Notes:

- 1.** The Connell nursery was located about 8 miles east of Connell, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
- 2.** We had to plant pretty deep to hit moisture at this location last fall. Emergence varied and is noted in the "Spring Stand" rating (1 to 9 scale where 9 is the best).
- 3.** Because of the deep planting, there was a fair amount of plot-to-plot variation in yield.

Cooperator: D. Bauermeister