

2017 WSU Variety Testing SW Winter Wheat Trial, Dusty

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	LODGING (%)	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES									
SY Banks (SY 09PN005#25)	131	61.9	10.1	42	145	0			
Norwest Tandem (LOR-334)	129	62.6	10.1	40	144	0			
Norwest Duet (LOR-092)	126	62.6	9.8	46	145	0	110		
SY 107	123	62.1	9.5	42	145	42	107		
ARS-Crescent	120	62.2	9.6	47	148	8	107	110	108
UI Sparrow (IDO1108DH)	120	60.9	10.1	47	148	17			
Jasper	120	61.5	10.2	43	146	25	107	115	
Puma	118	62.3	10.7	46	145	8	110	113	106
UI Castle CL+	117	62.7	10.6	42	147	17			
WB1783	116	64.3	10.0	44	145	0			
Pritchett (4J0713366C)	115	62.0	10.7	46	148	33	109	110	
SY Command (SY 04PN066-7)	114	61.1	10.1	42	145	0			
Xerpha	113	61.9	9.1	44	148	17	101	111	101
UI Magic CL+	112	62.3	10.7	36	144	0			
Masami	112	61.2	10.2	43	149	0	106	109	104
WB1843	112	62.9	10.7	42	147	0			
Mary	110	62.7	10.3	42	143	0			
Coda	109	63.7	11.5	45	148	75	99	106	102
ORCF-102	107	62.3	10.7	45	147	0	101	106	103
Legion	106	60.5	10.2	44	146	0			
WB1604	106	62.8	11.2	40	142	0			
WB1529	106	64.1	11.1	41	144	0	96		
WB1376CLP	104	64.3	12.3	42	143	0			
Bruehl	101	59.6	9.8	45	148	42	95	100	94
ORCF-103	100	61.9	10.0	43	148	0	93	95	88
Otto	97	60.6	10.9	46	149	33	91	98	93
Mela CL+	92	60.9	10.6	46	148	75	92	97	91
Eltan	92	61.0	9.8	45	149	83	92	98	89
Curiosity CL+	89	61.1	10.6	45	149	50	87	93	86
EXPERIMENTAL LINES									
OR2121086	130	62.7	10.0	44	144	0			
LWW14-73161	127	62.2	9.7	44	144	8			
IDN 07-28017B	122	63.2	10.8	44	144	0			
LWW14-73163	119	61.7	10.1	45	145	17			
IDN 06-03303B	118	62.0	10.6	42	146	0			
IDN 09-15702A	118	63.1	11.1	45	145	0			
ARSDH08028-111C	116	62.7	9.9	45	147	25			
KXB-01	114	62.4	9.1	45	148	8	102		
WA 8276	113	61.2	9.2	39	149	0			
WA 8271	112	62.8	10.3	44	149	0			
WA 8227	112	61.1	10.2	48	148	0	101		
ARS20060123-31C	109	63.4	10.3	46	145	58	105		
WA 8226	109	62.0	11.2	43	146	0	103		
ORI2150031 CL+	107	61.9	10.5	42	145	0			

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WA 8270	102	61.3	10.8	47	149	50			
KWS 145	93	63.5	10.9	44	143	33			
XA1101 CL+	83	62.9	11.7	45	141	0			
XA1401 CL+	73	62.9	13.2	43	144	17			
LWW14-74143	64	59.4	9.7	34	141	0			
C.V. %	7	1	6	4	0	109	6	6	8
LSD (0.05)	10	0.5	0.9	2	1	23	6	5	5
Average	109	62.1	10.4	44	146	15	101	106	98
Highest	131	64.3	13.2	48	149	83	110	122	108
Lowest	64	59.4	9.1	34	141	0	87	93	86

Agronomic Information

Planting Date:	9/13/2016
Harvest Date:	8/2/2017
Seeding Rate (seeds/ft ²):	21
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	135
P (ppm-bicarb) 2-ft sample	69
S (lb/ac) 2-ft sample	38
pH (top 6 inches)	5.65

Herbicide:

Huskie & Tilt applied on 3/31; a second application of fungicide was applied via air by the cooperator in late-May

Trial Notes:

1. The Dusty nursery was located about 8 miles northwest of Dusty, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. An additional 65#N was top dressed in the spring.
3. Two applications of fungicide kept stripe rust in check.

Cooperator: B. Morash

* = 2-year data from 2017 & 2015

** = 3-year data from 2017, 2015, 2014

*** = 5-year data from 2017, 2015, 2014, 2013, 2012