

2017 WSU Variety Testing SW Winter Wheat Trial, Pullman

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	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES								
Xerpha	122	59.8	10.7	39	159	131	134	134
UI Magic CL+	122	60.7	11.3	35	154	128		
Jasper	120	58.4	10.9	36	158			
SY Assure	120	61.8	10.8	35	150	130		
Norwest Duet (LOR-092)	118	59.7	10.8	40	157	131		
Rosalyn	117	57.8	10.0	36	155	140	139	132
Resilience CL+ (WA 8187)	117	60.1	11.5	36	158	129	127	
SY Dayton (SY 09PN062#18)	115	60.2	10.6	34	156	129		
UI Castle CL+	115	61.0	11.0	37	157	132		
WB1783	113	62.7	10.8	37	157			
SY Raptor (SY 46#16)	113	58.7	10.9	34	154			
ORCF-102	112	61.1	11.3	39	156	125	127	
UI-WSU Huffman	112	58.9	11.2	38	160	127	129	129
WB1376CLP	112	62.5	12.7	37	154	119		
SY 107	112	59.4	10.3	36	156	131	128	
Norwest Tandem (LOR-334)	110	59.6	10.6	31	154			
Bobtail	110	55.2	11.3	35	158	128	129	130
WB-528	110	61.8	11.0	36	153	125	123	122
Mary	109	59.9	10.9	35	154	129	132	131
WB1529	108	61.6	11.2	35	153	118	117	
LCS Drive (LWW12-7105)	107	58.3	10.4	30	152			
WB 456	107	61.1	12.3	36	153			
Legion	107	58.7	11.2	39	158	127	130	126
WB1604	105	60.6	11.2	35	152	119	116	
LCS Artdeco	105	59.5	9.7	32	151	128	125	126
Puma	105	59.3	11.5	39	157	126	131	127
Madsen	105	59.5	11.5	36	158	121	123	121
Brundage 96	104	59.0	11.5	35	156			
UI Palouse CL+	104	59.1	11.9	35	158	122		
ARS-Selbu	103	60.3	10.8	36	158	125	127	126
UI Sparrow (IDO1108DH)	103	57.4	11.3	39	161	129		
SY Ovation	99	59.1	11.2	35	156	121	120	119
<i>Cara</i>	95	55.8	10.8	32	159	116	121	118
<i>ARS-Crescent</i>	94	58.0	10.9	36	161	121	131	128
EXPERIMENTAL LINES								
KXB-01	125	59.0	11.3	41	157	137		
LWW14-72916	123	59.1	10.7	31	153			
LWW14-71195	121	59.8	10.4	35	153			
WA 8232	121	60.4	10.8	39	157	141	142	
WA 8245	118	59.0	11.1	38	159	129		
WA 8234	116	61.1	11.0	37	155	132	135	
LWW14-73163	113	59.4	10.8	40	154	128		
IDN 06-03303B	113	58.6	11.1	38	156	127		
IDN 07-28017B	112	60.7	10.8	36	154	124		

2017 WSU Variety Testing SW Winter Wheat Trial, Pullman

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	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
KWS 145	111	61.4	11.1	35	154			
WA 8274 CL+	111	58.9	11.2	37	158			
<i>ARSDH08028-44C</i>	110	58.8	10.3	35	154			
YS-206	108	58.4	11.8	37	156			
IDN 09-15702A	106	60.2	11.3	37	156			
OR2121086	106	59.2	11.0	36	157			
ORI2150031 CL+	103	58.4	12.1	37	157			
XA1101 CL+	99	61.7	12.4	37	152			
<i>ARS20040150-2C</i>	95	56.8	11.4	37	160			
OR2101043	95	58.9	10.4	35	156			
XA1401 CL+	82	61.7	13.9	36	155			
C.V. %	5	1	5	4	1	5	5	5
LSD (0.05)	8	1.1	0.7	2	1	5	5	4
Average	110	59.6	11.1	36	156	127	127	126
Highest	125	62.7	13.9	41	161	141	142	134
Lowest	82	55.2	9.7	30	150	116	114	112

Agronomic Information

Planting Date:	9/29/2016
Harvest Date:	8/7/2017
Seeding Rate (seeds/ft ²):	24
Previous Crop:	Chickpeas
Spring soil test:	
N (lb/ac) 4-ft sample	223
P (ppm-bicarb) 2-ft sample	62
S (lb/ac) 2-ft sample	63
pH (top 6 inches)	4.92

Herbicide:

Anthem Flex applied on 11/3; Everest, Brox M, Express, and Tilt applied on 5/1; Evito and propiconazole applied on 6/1

Trial Notes:

1. The Pullman nursery was located about 3 miles southeast of Pullman, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
3. Preplant fertilizer was 120#N.
2. Stripe rust was not an issue at this location and this was a nice uniform trial.

Cooperator: R. Druffel