

2015 WSU Variety Testing SW Winter Wheat Trial, Dusty

Variety Name <i>Club Italicized</i>	2015						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									
Puma	102	59.8	10.0	40	139	0	111	105	104
Masami	100	58.7	9.7	40	142	0	108	102	101
ARS-Amber	95	58.3	9.6	39	142	0	105	101	101
Jasper (WA 8169)	95	57.6	10.5	37	140	0	112	110	
<i>ARS-Crescent</i>	95	57.9	9.4	40	142	0	105	105	110
ORCF-102	94	60.5	11.0	40	138	0	106		
SY Ovation	94	59.5	10.2	38	141	0			
ARS-Selbu	92	60.1	10.7	38	142	0	105	104	104
WB-Junction	92	60.6	10.4	38	133	8	105	94	
MelaCL+ (WA 8155)	92	58.9	10.2	41	143	17	100	100	
Eltan	92	59.1	10.3	40	142	15	102	99	94
<i>Cara</i>	92	57.1	9.7	39	141	0	105	102	106
SY 107	91	58.5	10.2	35	142	0			
<i>Bruehl</i>	90	56.8	10.3	41	143	0	100	100	101
<i>Coda</i>	90	60.7	10.6	41	142	0	105	104	103
Xerpha	88	57.4	10.0	39	141	0	110	109	103
ORCF-103	87	58.9	10.5	37	143	0	92	91	88
Otto	86	58.1	11.3	40	143	0	99	95	97
WB1529	86	61.4	10.5	35	137	0			
CuriosityCL+ (WA 8143)	85	58.4	9.5	42	143	0	95	92	90
Madsen	82	59.5	10.3	38	141	0	101	95	94
Stephens	77	58.4	9.9	35	135	0	95	87	85
WB-1081CL+	73	61.0	10.5	37	140	0			
EXPERIMENTAL LINES									
<i>4J0713366C</i>	103	58.6	9.7	41	142	0			
<i>ARS010679-1C</i>	103	58.2	9.8	43	141	0	111		
Otto-G2	103	59.4	8.6	42	143	0			
<i>ARS06135-9C</i>	101	60.7	10.5	39	142	0			
<i>ARS20060123-31C</i>	101	59.3	9.7	42	142	3			
WA 8226	97	59.3	10.2	41	140	0			
LOR-092	95	58.2	10.1	42	141	0			
Otto-0W	95	58.7	9.9	40	143	0			
WA 8202	95	61.3	10.9	42	142	0	100		
OR2080641	94	59.6	10.5	36	139	0	106		
<i>ARS040335-9C</i>	94	56.6	9.7	44	143	0			
IDO1108DH	94	62.0	9.7	41	140	0	109	107	
OR2090473	94	56.7	10.0	35	139	0	102		
WA 8225	92	58.7	10.4	40	142	0			
IDN-06-18102A	91	58.6	11.2	35	141	0			
WA 8227	90	57.3	10.9	41	144	0			
KXB-01	90	58.6	9.9	39	142	0			
KXB-02	85	56.2	9.5	37	144	0			
IDN-01-10704A	85	58.7	11.2	39	141	0	103		
LWW10-1073	85	58.0	11.2	38	141	0	101		

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DAS 3	82	58.7	11.0	37	141	0			
DAS 4	81	57.0	11.0	36	142	0			
IDO1005	79	59.4	11.1	37	142	0			
IDN-02-29001A	76	58.6	12.2	34	138	0	98		
KXB-03	75	57.4	9.7	42	143	0			
C.V. %	6	1	9	4	1	-	5	6	8
LSD (0.10)	6	0.7	1.0	2	1	6	4	4	4
Average	91	58.8	10.3	39	141	1	103	100	99
Highest	103	62.0	12.2	44	144	17	112	110	110
Lowest	73	56.2	8.6	34	133	0	92	87	85

Dusty Soft White Winter Wheat – Preliminary Data

1. Grain yield in the 2015 Dusty soft white winter wheat trial averaged 91 bushels/acre, lower than the five-year average of 99 bushels/acre. The Dusty nursery was located about 7 miles northeast of the town of LaCrosse, WA (B. Morasch, Cooperator). All yield values within the 10% LSD range of the highest yield are shown in bold.
2. This nursery was seeded on September 5, 2014 following fallow. Seeding rate was 85#/acre and base fertilizer was 80#N/acre applied pre-plant. Emergence and stand establishment were excellent.
3. A low level of stripe rust was observed in a few highly susceptible entries and no fungicide was applied.