

2016 WSU Variety Testing Hard Winter Wheat Trial, Reardan

Variety Name <i>Hard White Italicized</i>	2016					2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	LODGING (%)	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
<b>RELEASED VARIETIES</b>								
WB-Arrowhead	98	62.6	12.4	40	0	87	84	
LCS Jet (NSA10-7208)	96	62.3	12.4	34	0	82	77	
Keldin	93	63.2	12.3	37	0	85	83	
LCS Colonia	92	61.2	12.3	36	0	77	75	
<i>Earl (WA 8184)</i>	86	62.3	12.1	38	1	77	70	
AP503 CL2	86	<b>64.0</b>	12.8	38	0			
SY Touchstone (04PN028B-3)	83	63.4	12.7	33	0			
Bauermeister	81	62.7	11.8	43	0	75	73	80
Finley	77	62.7	<b>13.3</b>	49	50	75	69	69
Sequoia (WA 8180)	77	62.1	12.1	45	10			
Farnum	76	61.2	12.6	43	5	70	68	71
SY Clearstone CL2	75	61.6	<b>13.7</b>	42	0			
Whetstone	73	62.9	13.0	37	0	71	69	
<b>EXPERIMENTAL LINES</b>								
WA 8207	97	62.2	12.0	42	0			
WA 8246	87	60.4	12.4	40	13			
HE181/3	87	61.7	11.9	42	0			
OR2120012R	85	62.5	12.7	35	0			
WA 8247	83	61.6	12.4	43	0			
<i>OR2120276H</i>	81	63.3	12.2	34	0			
WA 8250	80	62.7	11.9	34	0			
WA 8228	75	63.4	13.1	47	3			
WA 8197	69	62.3	12.2	43	0			
<i>IDO1101</i>	69	63.5	12.7	32	0	75	75	
WA 8229	69	63.0	<b>13.3</b>	47	7			
C.V. %	7	0	3	3	155	7	8	8
LSD (0.05)	8	0.4	0.4	2	8	6	6	5
Average	82	62.4	12.5	40	4	82	77	75
Highest	98	64.0	13.7	49	50	93	88	81
Lowest	69	60.4	11.8	32	0	74	71	71

**Agronomic Information**

Planting Date:	9/16/2015
Harvest Date:	8/17/2016
Seeding Rate (lbs/acre):	85
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	184
P (ppm-bicarb) 2-ft sample	66
S (lb/ac) 2-ft sample	55
pH (top 6 inches)	4.69

**Trial Notes:**

1. The Reardan nursery was located about 7 miles west of Reardan, WA. All yield, test weight, and protein values within the 5 % LSD range of the highest value are shown in bold.
2. This location was planted with our no-till hoe drill. Stand establishment was a little uneven, and some plot-to-plot variation existed.
3. An additional 56# N was applied to the hard trial in the spring.

**Cooperator:** H. Johnson

**Herbicide:**

Huskie, PowerFlex, Tilt applied on 4/25. Second application of fungicide applied by cooperator later on.