

2015 WSU Variety Testing Hard Winter Wheat Trial, Reardan

Variety Name <i>Hard White Italicized</i>	2015					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>								
Keldin	<b>78</b>	<b>62.3</b>	12.0	35	0	77	96	
WB-Rimrock	<b>77</b>	61.6	12.1	35	0	75	90	
WB-Arrowhead	76	61.8	12.2	36	0	77	89	
Finley	72	62.6	12.1	44	13	65	70	75
Eltan (SWW Check)	72	61.2	11.2	35	0	72	82	91
Bauermeister	70	60.2	11.8	36	0	69	80	87
Whetstone	69	<b>62.5</b>	12.4	36	0	67	79	
LCS Jet (NSA10-7208)	68	59.0	12.5	32	0	68		
Farnum	64	57.7	12.8	40	0	64	70	78
LCS Colonia	63	56.9	12.2	31	0	66	82	
LCS-Azimut	60	55.9	12.1	28	0	68	80	91
Sprinter	57	60.9	13.7	36	0	61	73	79
LCS Evina	57	57.0	14.3	33	0	63		
Norwest 553	48	60.9	14.0	27	0	54	66	76
<b>EXPERIMENTAL LINES</b>								
<i>IDO1101</i>	<b>82</b>	<b>62.7</b>	12.0	32	0	79	90	
<b>DAS 1</b>	73	60.3	12.6	35	0	66	79	
<b>HE9817/1.2</b>	72	58.7	12.5	34	0			
<b>WA 8209</b>	70	60.1	12.7	32	0	78		
<i>WA 8184</i>	68	60.5	12.3	33	0	62	75	
<i>IDO1209DH</i>	68	<b>62.8</b>	12.8	34	0			
<b>WA 8230</b>	67	61.1	12.3	33	0			
<i>WA 8231</i>	66	61.2	11.6	34	0			
<b>DAS 2</b>	64	61.0	12.4	35	0	66	79	
<i>OR2110019H</i>	62	60.1	12.7	33	0			
<b>NSA10-2196</b>	61	58.2	12.2	30	0			
<b>07PN013#38</b>	50	58.8	12.1	25	0			
<i>OR2100081H</i>	42	59.8	13.4	28	0	51		
<b>SAS W3</b>	23	56.1	<b>14.7</b>	29	0	37		
<b>SAS W7</b>	13	58.5	13.5	27	0	24		
<b>SAS W4</b>	13	57.7	<b>14.9</b>	29	0	35		
C.V. %	7	1	3	4	-	10	8	10
LSD (0.10)	5	0.5	0.4	2	1	5	4	4
Average	61	59.9	12.7	33	0	63	80	83
Highest	82	62.8	14.9	44	13	79	96	91
Lowest	13	55.9	11.2	25	0	24	66	75

**Reardan Hard Winter Wheat – Preliminary Data**

1. Grain yield in the 2015 Reardan hard winter wheat trial averaged 61 bushels/acre, well below the five-year average of 83 bushels/acre. The Reardan nursery was located about seven miles west of Reardan, WA (H. Johnson, Cooperator). All yield, test weight, and protein values within the 10% LSD range of the highest value are shown in bold.
2. This nursery was seeded September 15, 2014 following chem-fallow at a rate of 85#/acre. Base fertilizer at planting was 90#N, 15#P, and 15#S. Spring soil test revealed 221#N, 20#P, and 4#S and an additional 15#N was applied in the spring. Stand establishment was good and winter injury was limited to the most winter-tender entries (reflected in their low yields). This was a very uniform trial.
3. No fungicide was applied and no stripe rust was observed.