

**2018 WSU Variety Testing Hard Winter Wheat Trial, Anatone**

Variety Name	2018						2 Year	3 Year	5 Year
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Lodging (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<i>Released Varieties</i>									
LCS Jet	119	60.5	7.3	37	145	0	106	--	--
WB4303	108	60.7	8.0	37	143	0		--	--
LCS Abraham	107	60.4	7.1	35	145	0		--	--
SY Clearstone CL2	107	61.6	7.9	45	145	0	95	--	--
LCS Rocket (NSA10-2196)	105	59.3	7.3	35	144	0		--	--
WB4311	103	61.9	8.0	36	143	0	95	--	--
Keldin	96	61.8	7.2	39	145	0	91	--	--
Mandala	94	<b>63.2</b>	7.4	45	146	0	88	--	--
SY Touchstone	94	61.5	8.1	33	145	0	86	--	--
WB4623CLP	89	<b>63.5</b>	8.9	41	145	0	82	--	--
Whetstone	88	62.5	7.9	39	143	0	84	--	--
Farnum	81	60.3	8.5	52	155	45	76	--	--
Sequoia	64	57.9	8.1	55	153	85	66	--	--
<i>Experimental Lines</i>									
WA 8286	91	62.2	8.0	46	149	0		--	--
WA 8273	91	<b>63.1</b>	8.0	51	149	32	83	--	--
WA 8287	96	59.3	7.9	43	150	0		--	--
LWW14-73915	<b>110</b>	58.9	7.6	39	143	0	89	--	--
NSA12-2472	<b>111</b>	59.6	7.2	40	144	0		--	--
C.V. %	6	0.9	5.9	3	1	91	8	--	--
LSD (0.05)	9	0.8	0.6	2	2	11	7	--	--
Average	97	61.0	7.8	42	146	9	87	--	--
Highest	119	63.5	8.9	55	155	85	106	--	--
Lowest	64	57.9	7.1	33	143	0	66	--	--

**Agronomic Information**

Planting Date:	9/26/2017
Harvest Date:	7/30/2018
Seeding Rate (seeds/ft <sup>2</sup> ):	21
Previous Crop:	Chem Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	160
P (ppm-bicarb) 2-ft sample	52
S (lb/ac) 2-ft sample	26
pH (top 6 inches)	6.5

**Trial Notes:**

1. The Anatone nursery was located about 7 miles north of Anatone, WA.
2. The nursery was fertilizer at planting 80N 14P 14S with a no-till drill with hoe opener.
3. Overall yield was 24% greater than 2017 and grain test weight was about 0.7 lb/bu less than last year. Despite additional spring top dress N, protein levels were still low.

**Cooperator: B Ausman**

Herbicide:

PowerFlex HL, Huskie, Tilt on 04/19