

2018 WSU Variety Testing Hard Winter Wheat Trial, St. Andrews

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	66	60.7	10.0	31	148	0	58	--	--
Whetstone	61	63.1	11.7	34	147	0	49	--	--
SY Clearstone CL2	60	61.5	10.1	42	148	0	49	--	--
Keldin	57	62.6	10.1	37	148	0	53	--	--
Mandala	56	61.6	10.9	36	151	0	49	--	--
WB4303	52	61.4	9.8	35	146	0		--	--
WB4623CLP	51	62.4	12.0	35	148	0	46	--	--
SY Touchstone	48	62.0	11.6	31	149	0	40	--	--
Sequoia	48	60.5	9.8	45	152	12	46	--	--
LCS Rocket (NSA10-2196)	47	59.0	9.8	32	147	0		--	--
Farnum	44	58.3	10.8	43	154	7	42	--	--
<i>Experimental Lines</i>									
LWW14-73915	69	59.7	10.3	35	146	0	60	--	--
NSA11-10108 (LCS Abraham)	66	60.5	9.9	29	147	0		--	--
WA 8287	62	59.6	9.8	40	151	0		--	--
NSA12-2472	61	59.6	9.4	34	146	0		--	--
WA 8273	56	63.2	9.4	46	149	8	47	--	--
WA 8286	52	60.6	11.1	39	151	3		--	--
C.V. %	11	1.4	7.6	6	1	329	11	--	--
LSD (0.05)	9	1.2	1.1	3	1	8	6	--	--
Average	56	61.0	10.4	37	149	2	49	--	--
Highest	69	63.2	12.0	46	154	12	60	--	--
Lowest	44	58.3	9.4	29	146	0	40	--	--

Agronomic Information

Planting Date:	9/7/2017
Harvest Date:	8/14/2018
Seeding Rate (seeds/ft ²):	13
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	139
P (ppm-bicarb) 2-ft sample	50
S (lb/ac) 2-ft sample	12
pH (top 6 inches)	5.72

Herbicide:

Fungicides applied with herbicide application on 04/20

Trial Notes:

1. The St. Andrews nursery was located about 7 miles west of Coulee City, WA.
2. The nursery was fertilized prior to seeding.
3. Overall yield was 33% less than 2017, and grain test weight was 0.1 lb/bu more than last year.

Cooperator L. Tanneberg