

2018 WSU Variety Testing Hard Spring Wheat Trial, Endicott

Variety Name	2018				2 Year	3 Year	5 Year
	Yield	Test WT	Protein	Plant HT	Average	Average	Average
<i>Durum Italicized</i>	(Bu/A)	(Lbs/Bu)	(%)	(In)	(Bu/A)	(Bu/A)	(Bu/A)
Released Varieties							
SY Gunsight	64	62.3	11.0	26	47	--	--
LCS Luna	62	62.4	11.4	27	52	--	--
Dayn	59	62.1	11.5	31		--	--
Alum	59	61.9	12.4	30	51	--	--
LCS Buck Pronto	59	61.5	13.2	30	46	--	--
LCS Iron	58	62.1	11.1	27	48	--	--
Glee	58	63.0	12.0	31	47	--	--
SY Renegade (06PN3017-09)	57	61.9	11.8	29	44	--	--
SY Selway	56	61.6	11.8	31	45	--	--
WB9350	55	61.3	12.0	23	42	--	--
SY Coho	55	60.4	11.3	28	45	--	--
WB7202CLP	54	62.3	10.7	26		--	--
Kelse	53	62.1	12.0	32	42	--	--
WB9717	53	63.0	11.8	26		--	--
Hollis	52	60.9	12.4	37	44	--	--
Chet	52	61.8	12.8	35	46	--	--
WB9518	51	57.7	13.6	25	42	--	--
SY605 CL	51	61.9	12.6	33	40	--	--
WB9879CLP	48	60.5	13.2	29		--	--
WB9662	48	60.4	14.1	27	40	--	--
WB9668	44	58.9	14.9	24	33	--	--
Soft Svevo	39	57.2	12.1	26		--	--
Experimental Lines							
12SB0197	71	60.5	10.9	29	57	--	--
12SB0224	66	60.9	10.9	27	56	--	--
16-HRS-5172	65	59.5	11.2	29		--	--
WA 8300 CL+	61	62.2	12.1	33		--	--
WA 8282	60	62.8	11.6	31	50	--	--
WA 8301	60	62.7	12.1	31		--	--
WA 8302 CL+	59	63.4	12.2	31		--	--
WA 8280 CL+	59	62.7	11.6	31	51	--	--
XB9591	58	62.7	11.4	25		--	--
XB9290	56	62.7	12.6	23		--	--
10PN3039-02	54	62.2	12.3	28		--	--
IDO1701S	50	61.2	13.3	29		--	--
WA 8299 CL+	48	60.9	12.6	30		--	--
IDO1603S	46	60.6	13.3	27	39	--	--
C.V. %	9	2.7	5.7	4	10	--	--
LSD (0.05)	7	2.3	0.9	2	5	--	--
Average	56	61.5	12.2	29	46	--	--
Highest	71	63.4	14.9	37	57	--	--
Lowest	39	57.2	10.7	23	33	--	--

Agronomic Information

Planting Date:	4/3/2018
Harvest Date:	8/23/2018
Seeding Rate (seeds/ft ²):	20
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	45
P (ppm-bicarb) 2-ft sample	70
S (lb/ac) 2-ft sample	19
pH (top 6 inches)	5.6

Herbicide:

Huskie, Axial XL, Tilt on 05/23/18

Trial Notes:

1. The Endicott nursery was located about 4 miles southwest of Endicott, WA
2. The nursery was fertilized prior to seeding with 75N
3. Overall yield was 65% more than 2017, and grain test weight was 0.1 lb/bu less than last year.

Cooperator: M. Miller