

2018 WSU Variety Testing Hard Spring Wheat Trial, Fairfield

Variety Name	2018				2 Year*	3 Year	5 Year
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<i>Durum Italicized</i>							
<i>Released Varieties</i>							
SY Renegade (06PN3017-09)	65	59.3	10.2	32		--	--
Dayn	57	59.1	9.8	31	50	--	--
Glee	57	60.1	11.1	34	50	--	--
WB9668	54	59.8	12.2	29	45	--	--
Kelse	53	59.7	11.5	34	48	--	--
Hollis	53	58.3	11.3	42	47	--	--
WB9350	53	56.4	11.9	26		--	--
WB7202CLP	53	59.4	10.5	27		--	--
Chet	52	59.9	11.3	44	48	--	--
<i>Soft Svevo</i>	51	56.4	3.1	30		--	--
LCS Buck Pronto	51	58.6	11.9	33	43	--	--
SY Gunsight	51	58.4	10.8	29	46	--	--
WB9518	50	58.4	12.4	31	45	--	--
WB9879CLP	50	58.1	12.0	33	41	--	--
LCS Iron	49	57.4	11.0	31	46	--	--
WB9717	49	59.0	11.1	32		--	--
LCS Luna	47	56.6	11.9	26	43	--	--
SY Selway	47	59.8	11.7	33	44	--	--
Alum	46	54.9	11.6	33	47	--	--
SY Coho	46	56.3	12.0	31	42	--	--
SY605 CL	45	56.0	11.7	37	38	--	--
WB9662	41	56.0	12.6	26		--	--
<i>Experimental Lines</i>							
12SB0197	63	58.0	10.4	30	53	--	--
WA 8282	59	60.0	10.7	34		--	--
10PN3039-02	58	58.8	10.9	34		--	--
WA 8302 CL+	57	60.1	10.8	34		--	--
WA 8280 CL+	57	58.7	11.3	34		--	--
XB9591	56	60.0	11.0	26		--	--
WA 8299 CL+	55	59.5	10.5	37		--	--
WA 8300 CL+	54	59.3	10.6	35		--	--
16-HRS-5172	52	54.1	10.9	30		--	--
12SB0224	51	57.7	11.5	28	48	--	--
IDO1603S	50	59.2	11.7	30		--	--
XB9290	48	58.5	11.0	23		--	--
IDO1701S	47	59.0	11.9	31		--	--
WA 8301	45	57.9	11.6	33		--	--
C.V. %	13	2.4	11.9	5	11	--	--
LSD (0.05)	9	1.9	1.8	2	5	--	--
Average	52	58.3	11.1	32	46	--	--
Highest	65	60.1	12.6	44	53	--	--
Lowest	41	54.1	3.1	23	38	--	--

Agronomic Information

Planting Date:	5/4/2018
Harvest Date:	8/30/2018
Seeding Rate (seeds/ft ²):	23
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	56
P (ppm-bicarb) 2-ft sample	82
S (lb/ac) 2-ft sample	22
pH (top 6 inches)	5.3

Herbicide:

Huskie, Axial XL, Tilt on 06/06/18

Trial Notes:

1. The Fairfield nursery was located about 8 miles northwest of Fairfield, WA.
2. The nursery was planted with the no-till Cross-Slot drill and fertilized at 100N 17P 17S.
3. The 2017 HRS nursery was lost.

Cooperator: C. Denny

* 2-year average from 2018, 2016