

2018 WSU Variety Testing Hard Spring Wheat Trial, Pasco

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>							
Released Varieties							
SY Gunsight	88	61.2	15.0	28	105	95	--
Glee	85	62.1	15.8	31	89	97	--
SY Renegade (06PN3017-09)	83	61.0	14.9	30	96		--
SY Basalt	81	59.6	15.2	26	93	92	--
LCS Iron	79	60.4	15.0	29	97	102	--
LCS Buck Pronto	77	61.2	16.8	29	94	95	--
Dayn	76	61.3	15.7	29	107	110	--
WB9668	74	61.6	17.9	25	89	89	--
WB9717	74	61.9	15.4	29			--
SY Coho	73	58.4	16.5	30	85	87	--
WB9518	72	60.4	17.2	26	95	92	--
WB9350	69	59.7	16.5	22	88		--
WB7202CLP	69	61.9	15.9	27			--
Alum	67	61.3	16.2	31	81	90	--
WB9662	63	59.4	17.3	30	91		--
LCS Luna	63	60.7	15.7	25	84	87	--
<i>Soft Svevo</i>	55	57.5	17.3	26			--
Experimental Lines							
WA 8282	89	62.2	15.1	30	93		--
WA 8299 CL+	84	63.1	15.5	30			--
12SB0197	84	58.5	14.7	28	102	97	--
09W821030-32	81	61.1	16.3	23			--
12SB0224	78	58.5	15.5	32	100	99	--
09W821030-15	77	61.0	16.1	26			--
WA 8283	76	61.4	16.2	27	92		--
IDO1603S	73	61.1	17.2	26	90		--
WA 8300 CL+	73	61.5	15.5	31			--
WA 8280 CL+	72	61.7	15.5	29	86		--
XB9290	69	62.1	16.6	24			--
IDO1701S	67	61.2	16.7	28			--
16-HRS-5172	58	52.2	15.0	31			--
C.V. %	8	0.9	3.2	7	7	7	--
LSD (0.05)	8	0.7	0.7	3	6	5	--
Average	74	60.5	16.0	28	93	95	--
Highest	89	63.1	17.9	32	107	110	--
Lowest	55	52.2	14.7	22	81	87	--

Agronomic Information

Planting Date:	3/26/2018
Harvest Date:	8/6/2018
Seeding Rate (seeds/ft ²):	25
Previous Crop:	Corn
Spring soil test:	
N (lb/ac) 4-ft sample	167
P (ppm-bicarb) 2-ft sample	292
S (lb/ac) 2-ft sample	37
pH (top 6 inches)	6.6

Herbicide:
Huskie, Tilt on 05/17/18

Trial Notes:

1. The Pasco nursery was located about 19 miles north of Pasco, WA.
2. Base fertilizer was applied prior to seeding 150N 60P 25K 60S. An additional 40N was applied to HR trial.
3. Overall yield was 33% less than 2017, and grain test weight was equal to last year.

Cooperator: S Coopers