

2019 WSU Variety Testing Hard Spring Wheat Trial, Horse Heaven

Variety Name	2019					2 Year	3 Year	5 Year
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<i>Durum Italicized</i>								
Released Varieties								
LCS Iron	21	58.3	14.0	21	--	29	34	28
Net CL+ (WA 8280 CL+)	20	61.4	15.0	20	--	27	32	
Chet	19	61.3	15.5	22	--	26	30	26
WB7202CLP	19	60.2	13.8	18	--	26		
Kelse	18	60.4	15.5	21	--	26	30	26
SY Coho	18	58.4	14.9	21	--	26	31	27
SY Selway	18	58.9	15.2	19	--	25	33	27
AP Kimber CL2 (10PN3039-02)	18	58.4	14.2	20	--	23		
Alum	18	62.1	15.1	20	--	27	31	27
WB9662	18	58.0	15.9	19	--	25	30	
LCS Luna	17	59.9	14.7	19	--	26	30	26
AP Renegade (06PN3017-09)	17	58.1	14.9	18	--	27	32	
Glee	17	58.9	14.5	19	--	25	31	26
YS-801	17	60.2	14.6	21	--			
WB9717	17	61.0	13.8	20	--	24		
Dayn	17	58.5	14.4	18	--	25		
SY605 CL	16	60.0	14.9	18	--	23	28	24
SY Gunsight	16	59.5	14.7	18	--	26	31	
LCS Buck Pronto	16	57.7	14.9	21	--	21	28	23
WB9668	15	59.7	17.6	21	--	22	28	24
Salzburg	14	56.5	15.1	20	--			
Experimental Lines								
10PN2018-12 CL2	20	59.7	14.0	21	--			
WA 8314	19	58.6	15.4	22	--			
WA 8282	19	60.2	13.9	20	--	27	33	
WA 8302 CL+	19	61.0	14.4	20	--	25		
WA 8315	18	60.8	15.1	21	--			
WA 8300 CL+	18	60.3	14.3	19	--	26		
WA 8301	18	59.8	15.0	21	--	25		
WA 8299 CL+	17	60.4	15.2	20	--	24		
CPX36619	16	59.4	15.0	20	--			
C.V. %	9	1.6	2.2	9	--	10	10	10
LSD (0.05)	2	1.3	0.4	2	--	2	2	2
Average	18	59.6	14.9	20	--	25	31	26
Highest	21	62.1	17.6	22	--	29	34	28
Lowest	14	56.5	13.8	18	--	21	28	23

Agronomic Information

Planting Date:	4/10/2019
Harvest Date:	8/28/2019
Seeding Rate (seeds/ft ²):	15
Previous Crop:	Chem Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	154
P (ppm-bicarb) 2-ft sample	23
S (lb/ac) 2-ft sample	14
pH (top 6 inches)	6.2
Herbicide:	

Trial Notes:

- The Horse Heaven nursery was located about 7 miles southeast of Prosser, WA.
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- Overall yield was 45% less than 2018, and grain test weight was 2.2 lb/bu less than last year.

Cooperator C. Smith