

2020 WSU Variety Testing Soft White Spring Wheat Trial, Moses Lake

Variety Name <i>Club Italicized</i>	2020						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)
Released Varieties									
Tekoa	118	63.1	12.1	45	159	13	136	143	141
<i>Melba</i>	116	62.0	10.8	43	160	10	134	136	134
WB6341	111	62.9	10.6	42	157	2	129	141	133
Ryan +Zn	111	59.5	11.6	37	155	17	122		
WB6121	109	63.2	12.7	36	156	0	122	131	125
Whit	105	61.8	12.4	42	156	43	122	129	125
WB-1035CL+	104	62.3	13.4	41	156	0	116		
Ryan	104	61.1	11.8	38	155	20	113	122	121
Seahawk	100	62.3	12.3	42	157	50	117	125	123
AP Coachman	83	58.3	11.2	42	159	92	108		
Experimental Lines									
WA 8327	129	63.2	11.9	41	158	0			
IDO1405S	126	62.4	11.9	41	156	0			
WQL008	118	63.1	13.1	43	156	0			
WA 8328	114	64.5	11.2	38	157	8			
10PN2013-02	113	62.5	12.0	45	157	50			
WA 8326	112	62.5	11.6	44	158	27			
IDO1702S	109	63.2	11.2	41	155	0			
WA 8322	109	61.7	11.3	45	157	88			
<i>WA 8325</i>	109	63.1	11.0	43	158	33			
IDO1404S	107	62.2	11.1	42	158	0			
WA 8324	97	60.5	11.9	41	156	78			
WA 8323	82	59.3	12.5	40	157	95			
C.V. %	6	2.2	2.0	4	0	63	6	6	6
LSD (0.05)	12	2.7	0.5	3	1	35	8	7	5
Average	108	62.0	11.8	42	157	29	123	134	127
Highest	129	64.5	13.4	45	160	95	140	144	141
Lowest	82	58.3	10.6	36	155	0	108	122	113

Agronomic Information

Planting Date:	3/12/2020
Harvest Date:	8/20/2020
Seeding Rate (seeds/ft ²):	25
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	238
P ₂ O ₅ (ppm-bicarb) 1-ft sample	521
S (lb/ac) 2-ft sample	164
pH (top 6 inches)	5.56
Herbicide:	

Trial Notes:

1. The Moses Lake nursery was located about 5 miles SE of Wheeler, WA.
2. Overall yield was 21% lower than 2019 and test weight was 0.7 lb/bu less.

Cooperator James Getzinger