

2016 WSU Variety Testing SW Spring Wheat Trial, Pasco

Variety Name <i>Club Italicized</i>	2016					2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	LODGING (%)	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES						--	--	--
Seahawk	120	62.7	12.6	41	0	--	--	--
Tekoa (WA 8189)	120	62.3	12.0	41	0	--	--	--
Whit	117	61.9	12.0	37	0	--	--	--
Ryan (WA 8214)	111	61.6	12.8	37	10	--	--	--
SY Saltese (SY 04PN3024-2)	111	62.2	12.3	37	25	--	--	--
UI-Stone	108	62.6	10.9	39	0	--	--	--
WB6121	106	62.4	13.4	39	0	--	--	--
WB6341	97	61.2	10.9	38	0	--	--	--
Louise	93	61.3	12.5	40	27	--	--	--
Diva	90	61.1	12.9	40	33	--	--	--
Melba	89	61.3	12.4	38	0	--	--	--
WB-1035CL+	85	60.7	13.3	38	0	--	--	--
Babe	82	60.3	12.1	39	0	--	--	--
EXPERIMENTAL LINES								
WA 8254	117	63.0	11.1	38	0	--	--	--
12-SW-052	116	59.2	12.7	39	0	--	--	--
WA 8253	111	61.7	11.6	39	35	--	--	--
14-SW-1030	111	59.6	12.5	39	0	--	--	--
14-SW-1059	108	59.2	12.9	40	0	--	--	--
WA 8255	106	63.0	11.6	40	0	--	--	--
12-SW-068	103	61.1	12.3	38	0	--	--	--
YS-602	102	61.2	11.5	36	0	--	--	--
WA 8236 CL+	96	62.1	13.8	37	0	--	--	--
WA 8265 CL+	70	57.6	12.5	38	0	--	--	--
WA 8266 CL+	67	58.1	12.9	38	0	--	--	--
C.V. %	7	1	3	4	--	--	--	--
LSD (0.05)	10	0.9	0.5	2	--	--	--	--
Average	101	61.2	12.3	39	5	--	--	--
Highest	120	63.0	13.8	41	35	--	--	--
Lowest	67	57.6	10.9	36	0	--	--	--

Agronomic Information

Planting Date:	3/18/2016
Harvest Date:	7/29/2016
Seeding Rate (lbs/acre):	100
Previous Crop:	Potatoes
Spring soil test:	
N (lb/ac) 4-ft sample	417
P (ppm-bicarb) 2-ft sample	112
S (lb/ac) 2-ft sample	129
pH (top 6 inches)	5.35

Herbicide:

Huskie, 2,4-D, and Tilt were applied by the cooperator. Warrior was applied later on for cereal leaf beetle control. **Cooperator:** T. Schuh

Trial Notes:

1. This is a new location for 2016. The Pasco nursery was located about 1.5 miles NW of Connell, WA. It was difficult to find an irrigated spring wheat producer located closer to Pasco. All yield and test weight values within the 5% range of the highest value are shown in bold.
2. Hessian fly was present at this location early in the season and caused yield losses in susceptible varieties.
3. Only one fungicide application was applied. Stripe rust developed later in the season, and may have had a small impact on susceptible varieties.