

2015 WSU Variety Testing Soft Spring Wheat Trial, Dayton

Variety Name <i>Club Italicized</i>	2015					2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES								
Whit	32	56.9	12.0	26	155	37	42	55
WB6121	32	59.0	12.3	23	155			
WB6341	31	57.6	11.2	22	156	38		
Seahawk (WA 8162)	31	58.5	11.9	22	158	36	41	
<i>JD</i>	30	58.6	12.0	24	158	36	41	53
Babe	30	57.5	11.7	26	156	35	39	54
Diva	29	56.9	12.0	25	157	35	42	56
UI-Stone	29	59.2	11.8	25	154	34	39	
WB-1035CL+	29	57.1	13.3	25	155	32	37	47
Louise	28	55.5	12.4	27	158	37	41	56
<i>Melba (WA 8193)</i>	28	58.4	11.9	21	159	36	43	
EXPERIMENTAL LINES								
12-SW-068	32	55.6	12.2	25	156			
WA 8214	32	57.9	11.9	25	156	40		
12-SW-052	29	53.7	13.6	24	160			
12-SW-079	28	53.8	13.2	24	160			
IDO851	28	57.3	11.2	23	157	34	39	
Louise-G2	28	56.2	11.3	26	159	36	42	56
Louise-0W	27	55.5	12.0	27	159	34	41	
WA 8238	26	58.7	12.5	26	156			
M12001	26	56.3	12.0	22	161			
WA 8236	26	58.7	12.4	22	158			
WA 8239	26	56.5	11.9	23	159			
WA 8237	26	56.4	13.3	24	160			
WA 8189	22	57.5	12.4	25	162	32	38	
C.V. %	6	1	3	4	1	5	6	5
LSD (0.10)	2	0.5	0.4	1	2	1	1	1
Average	29	57.1	12.2	24	158	36	40	54
Highest	32	59.2	13.6	27	162	40	43	56
Lowest	22	53.7	11.2	21	154	32	37	47

Dayton Soft White Spring Wheat--Preliminary Data

1. Grain yield in the 2015 Dayton soft white spring wheat trial averaged 29 bushels/acre, well below the five-year average of 54 bushels/acre. The Dayton nursery was located about six miles northwest of Dayton, WA (J. Penner, Cooperator). All yield and test weight values within the 10% LSD range of the highest value are shown in bold.
2. This nursery was seeded on April 9, 2015 following winter wheat. Seeding rate was 80#/acre and base fertilizer was 100#N per acre. Soil tests showed 112#N, 21#P and 5#S. No additional fertilizer was applied.
3. This trial was treated with fungicide on May 26 and stripe rust was not a factor.