

2015 WSU Variety Testing Hard Winter Wheat Trial, Ritzville

Variety Name <i>Hard White 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								
Farnum	35	56.4	15.0	30	143	44	44	51
Eltan (SWW Check)	35	58.3	14.8	28	142	50	53	60
Bauermeister	34	57.9	14.8	29	142	42	46	52
LCS Colonia	33	54.7	14.9	26	142	37	45	
SY Clearstone CL2	31	60.1	15.8	29	138			
Finley	31	62.4	14.9	27	138	43	43	50
LCS-Azimut	30	52.3	15.0	21	139	43	47	56
LCS Jet (NSA10-7208)	29	57.3	15.3	22	138	35		
LCS Evina	26	52.4	17.3	27	144	26		
AP503 CL2	25	61.7	16.0	24	135	44	40	
Whetstone	25	60.9	16.0	26	135	41	40	
Keldin	23	60.9	16.8	24	137	42	43	
Sprinter	23	57.6	16.5	27	139	33	35	44
WB-Arrowhead	21	61.2	15.8	25	136	43	42	
Norwest 553	17	58.6	14.4	25	144			
EXPERIMENTAL LINES								
WA 8228	37	61.8	14.8	29	141			
WA 8207	36	58.1	14.7	29	141	45		
WA 8180	34	59.1	14.9	32	141	42	45	
WA 8197	32	58.7	14.5	29	142	42		
WA 8158	30	58.9	14.7	29	140	45	47	
WA 8178	29	56.4	15.2	30	143	40	41	
OR2110019H	29	57.0	15.0	28	141			
HE9817/1.2	28	54.8	16.0	27	142			
IDO1209DH	28	60.5	15.0	25	140			
WA 8181	28	54.7	15.7	29	143	44	46	
WA 8229	28	59.9	15.9	27	139			
DAS 2	24	58.1	16.5	23	141	34	38	
DAS 1	23	58.5	16.0	22	136	41	40	
OR2100081H	20	56.9	14.8	26	143			
IDO1101	20	61.9	15.8	24	136	40	43	
C.V. %	12	2	4	6	1	10	9	12
LSD (0.10)	4	0.9	0.6	2	1	3	2	3
Average	28	58.3	15.4	27	140	41	43	52
Highest	37	62.4	17.3	32	144	50	53	60
Lowest	17	52.3	14.4	21	135	26	35	44

Ritzville Hard Winter Wheat--Preliminary Data

1. Grain yield in the 2015 Ritzville hard winter wheat trial averaged 28 bushels/acre. The Ritzville nursery was located about 4 miles west of Ritzville, WA (R. Jirava, cooperator). All yield values within the 10% LSD range of the highest yield are shown in bold.
2. This nursery was seeded on September 3, 2014 following fallow. Seeding conditions at this location were better than expected and stand establishment was good. Seeding rate was 50#/acre and a spring soil test showed 305#N/acre. No additional fertilizer was applied.
3. This location experienced a frost event during the first week of May and some of the earlier heading entries displayed some frost damage (likely limiting yield potential).