

2015 WSU Variety Testing Hard Winter Wheat Trial, Almira

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								
Keldin	60	61.5	12.5	34	143	65	83	
SY Clearstone CL2	58	60.3	13.1	37	143			
Eltan (SWW Check)	57	59.3	12.1	34	147	63	83	92
Sprinter	54	59.3	13.4	36	142	51	68	76
Finley	52	61.0	13.2	39	142	59	69	74
LCS-Azimut	51	56.2	12.1	27	143	62	82	97
Norwest 553	50	61.4	13.2	29	145	55	73	88
WB-Arrowhead	50	61.5	12.6	33	143	54	70	
Farnum	50	57.2	13.4	38	149	55	69	79
Bauermeister	49	59.0	12.6	34	147	57	74	89
Whetstone	48	61.2	12.6	33	142	50	66	
LCS Colonia	46	56.2	13.0	28	147	53	76	
LCS Jet (NSA10-7208)	45	59.1	12.9	25	145	61		
AP503 CL2	43	62.5	13.3	30	142	58	70	
LCS Evina	42	55.5	14.4	32	147	50		
EXPERIMENTAL LINES								
IDO1101	58	62.8	11.3	30	144	68	78	
WA 8207	54	58.3	12.9	36	148	58		
DAS 1	53	59.4	13.1	29	143	61	75	
WA 8228	52	60.4	13.0	37	146			
OR2110019H	51	60.2	12.4	31	144			
IDO1209DH	51	62.1	12.9	32	145			
WA 8158	50	59.9	13.5	33	146	51	67	
DAS 2	49	60.8	13.8	31	143	55	72	
WA 8180	47	59.8	12.2	36	147	57	70	
WA 8181	46	57.1	13.1	33	149	58	79	
WA 8197	45	57.6	12.7	36	148	56		
WA 8178	44	57.9	13.1	35	149	53	65	
HE9817/1.2	40	57.2	13.6	30	145			
WA 8229	40	59.7	14.1	37	146			
OR2100081H	30	60.6	13.4	28	145	38		
C.V. %	11	1	4	5	0	10	10	13
LSD (0.10)	6	0.7	0.5	2	1	4	4	5
Average	49	59.5	13.0	33	145	56	73	85
Highest	60	62.8	14.4	39	149	68	83	97
Lowest	30	55.5	11.3	25	142	38	65	74

Almira Hard Winter Wheat—Preliminary Data

- 1.** Grain yield in the 2015 Almira hard winter wheat trial averaged 49 bushels/acre, significantly lower than the five-year average. The Almira nursery was located about nine miles north of Almira, WA (D. McKay, Cooperator). All yield, test weight, and protein values within the 10% LSD range of the highest value are shown in bold.
- 2.** This nursery was seeded on September 10, 2014 following fallow at a rate of 85#/acre. Spring soil test showed 345#N, 18#P and 5#S. No additional fertilizer was applied. No stripe rust was observed at this location and no fungicide was applied.
- 3.** Seeding conditions were dry and plant stands were generally thin last fall. Average stand establishment and a dry growing season contributed to the 11% CV for yield.