

2008 Hard White Spring Wheat – Continuously Cropped - No-till Hettinger

Variety	Days to Head	Plant Height	Test Weight	Grain Protein	---- Grain Yield ----			Average Yield	
	*	inches	lbs/bu	%	2006	2007	2008	2 yr	3 yr
					----- Bushels per acre -----				
AC Vista	77	34	46.7	16.0	40.9	58.5	36.4	47.4	45.3
Peerless	81	33	41.9	17.0	41.7	45.6	30.7	38.2	39.3
Otis	78	35	43.6	17.0	38.3	45.1	32.0	38.6	38.5
Pennewawa	78	30	45.2	16.6	35.4	42.8	32.7	37.8	37.0
Diamond	77	33	46.2	16.7	42.7	36.6	30.5	33.6	36.6
Lolo	78	29	43.9	16.4	36.7	39.9	31.4	35.6	36.0
Explorer	75	30	48.7	17.2	30.4	37.2	32.4	34.8	33.3
Golden 86	76	30	47.8	16.5	28.6	40.2	29.2	34.7	32.7
AC Snowbird	77	37	48.8	16.6	32.0	35.6	29.9	32.8	32.5
Snow Crest	74	27	42.4	17.1		47.0	33.7	40.4	
Agawam	74	31	46.5	16.1		42.0	37.7	39.8	
AC Karma	76	29	45.1	16.5		43.6	36.1	39.8	
Waieka	76	33	41.4	16.2		42.9	33.2	38.0	
Lochsa	77	32	45.0	16.0		43.5	31.3	37.4	
Kanata	78	36	47.3	16.4		38.8	33.9	36.4	
Alpine	77	35	33.8	16.6			43.6		
AC Snowstar	76	34	49.2	16.5			30.9		
IDO377S	76	34	45.2	16.9			30.7		
Hard Red Spring Wheat									
Glenn	75	37	49.3	15.8	42.1	48.7	35.9	42.3	42.2
Reeder	76	34	46.8	17.0	36.9	49.0	34.3	41.6	40.1
Steele-ND	78	35	46.4	16.3		39.3	34.8	37.0	
Trial Mean	77	33	45.3	16.5	36.0	42.6	33.4	--	--
C.V. %	0.9	4.5	9.0	4.8	8.3	10.5	11.0	--	--
LSD .05	1	2	5.8	NS	4.9	7.4	5.2	--	--
LSD .01	1	3	7.7	NS	6.6	9.9	6.9	--	--

* Days to Head = the number of days from planting to head emergence from the boot.
 NS = no statistical difference between varieties.

Planting Date: April 14, 2008
 Harvest Date: August 1, 2008
 Seeding Rate: 1.1 million live seeds / acre (approx. 1.6 bu/A).
 Previous Crop: 2007 = barley, 2006 & 2005 = hrsw.
 Note: The trial sustained late season heat and moisture stress.