

2009 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	%	2007	2008	2009	2 yr	3 yr
					----- Bushels per acre -----				
AC Vista	62	35	57.8	12.1	58.5	36.4	56.7	46.6	50.5
AC Karma	63	35	57.5	12.7	43.6	36.1	55.4	45.8	45.0
Pennewawa	64	32	57.4	10.9	42.8	32.7	57.2	45.0	44.2
Otis	63	38	54.4	11.9	45.1	32.0	49.8	40.9	42.3
Lolo	61	34	58.1	12.0	39.9	31.4	54.8	43.1	42.0
Waieka	59	35	53.7	13.0	42.9	33.2	47.9	40.6	41.3
Lochsa	63	35	54.6	12.8	43.5	31.3	47.3	39.3	40.7
Agawam	58	31	58.2	12.4	42.0	37.7	40.0	38.8	39.9
Snow Crest	58	26	57.8	13.2	47.0	33.7	37.9	35.8	39.5
Diamond	62	36	59.0	12.1	36.6	30.5	46.8	36.6	38.0
Golden 86	60	31	57.8	12.4	40.2	29.2	41.9	35.6	37.1
Kanata	61	36	58.2	14.2	38.8	33.9	37.8	35.8	36.8
AC Snowbird	64	39	57.2	13.5	35.6	29.9	43.8	36.8	36.4
Explorer	59	34	56.3	13.2	37.2	32.4	36.6	34.5	35.4
Alpine	62	36	56.1	13.5		43.6	54.8	49.2	
ID0377S	62	34	56.4	13.1		30.7	51.3	41.0	
AC Snowstar	62	37	59.9	13.3		30.9	49.7	40.3	
Hard Red Spring Wheat									
Reeder	61	36	58.2	14.2	49.0	34.3	59.4	46.8	47.6
Glenn	62	36	58.8	13.8	48.7	35.9	46.6	41.2	43.7
Steele-ND	62	38	59.0	13.8	39.3	34.8	51.9	43.4	42.0
Trial Mean	61	34	57.3	13.0	42.6	33.4	48.0	--	--
C.V. %	1.4	4.5	1.3	--	10.5	11.0	4.8	--	--
LSD .05	1	2	1.1	--	7.4	5.2	3.3	--	--
LSD .01	2	3	1.4	--	9.9	6.9	4.3	--	--

* Days to Head = the number of days from planting to head emergence from the boot.

Planting Date: May 5, 2009

Harvest Date: August 29, 2009

Seeding Rate: 1.1 million live seeds / acre (approx. 1.6 bu/A).

Previous Crop: 2008 = hrsw, 2007 = barley, 2006 = hrsw.

Note: The 2008 trial sustained late season heat and moisture stress.

The 2009 trial sustained moderate hail damage on June 22 and 24.