

2010 White Spring Wheat – Continuously Cropped - No-till

Hettinger

Variety	Days to Head	Plant Height	Lodging	Grain Protein	Test Weight	---- Grain Yield ----			Average Yield	
	*	inches	0-9**	%	lbs/bu	2008	2009	2010	2 yr	3 yr
						----- Bushels per acre -----				
Alpine	74	33	2	13.6	58.7	43.6	54.8	60.9	57.8	53.1
AC Vista	74	36	4	13.6	58.6	36.4	56.7	54.0	55.4	49.0
AC Karma	74	34	2	13.7	58.8	36.1	55.4	54.3	54.8	48.6
Lolo	75	35	0	13.5	59.2	31.4	54.8	59.0	56.9	48.4
Penawawa	75	33	0	12.6	59.0	32.7	57.2	54.3	55.8	48.1
Lochsa	74	33	0	13.9	57.0	31.3	47.3	61.4	54.4	47.7
Otis	75	38	0	13.4	59.5	32.0	49.8	58.1	54.0	46.6
Waieka	73	36	2	13.8	57.6	33.2	47.9	54.2	51.0	45.1
Diamond	75	37	2	14.3	61.6	30.5	46.8	57.1	52.0	44.8
Agawam	73	32	0	13.5	60.0	37.7	40.0	53.1	46.6	43.6
Golden 86	73	33	0	14.1	60.3	29.2	41.9	54.5	48.2	41.9
AC Snowstar	74	36	0	14.0	63.4	30.9	49.7	44.9	47.3	41.8
Snowcrest	71	27	0	14.1	58.1	33.7	37.9	49.4	43.6	40.3
AC Snowbird	75	39	4	14.9	60.4	29.9	43.8	44.7	44.2	39.5
Kanata	75	37	0	15.3	62.3	33.9	37.8	40.4	39.1	37.4
Hard Red Spring Wheat										
Reeder	74	34	0	15.0	60.6	34.3	59.4	52.9	56.2	48.9
Steele-ND	75	35	3	14.6	61.4	34.8	51.9	50.8	51.4	45.8
Glenn	73	38	2	15.0	63.0	35.9	46.6	52.1	49.4	44.9
Trial Mean	74	35	1	14.0	59.6	33.4	48.0	53.6	--	--
C.V. %	0.8	4.2	69	1.8	2.5	11.0	4.8	6.1	--	--
LSD .05	1	2	1	0.4	2.5	5.2	3.3	5.4	--	--
LSD .01	1	3	2	0.6	3.3	6.9	4.3	7.2	--	--

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

** Lodging: 0 = none, 9 = lying flat on the ground.

Planting Date: April 12

Harvest Date: August 8

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

Previous Crop: 2009 = field pea, 2008 = hrsw, 2007 = barley

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

The 2009 trial sustained moderate hail damage.