

2011 Hard Red Spring Wheat - Recrop

Dickinson, ND

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	----- Grain Yield-----			Returns ¹ \$/ac	Average Yield	
						2009	2010	2011		2	3
						-----bu/ac-----			----bu/ac----		
Alsen	62	16,153	30	56.0	16.9	70.6	52.8	54.3	269.60	53.5	59.2
Barlow	61	15,105	32	56.9	16.5	69.4	59.2	60.7	323.55	59.9	63.1
Blade	63	15,990	29	58.3	16.3	77.8	60.0	57.9	302.18	58.9	65.2
Breaker	63	15,422	30	58.4	16.0	78.7	55.3	60.0	318.68	57.6	64.7
Brennan	62	16,444	26	56.3	16.4	74.8	59.4	55.7	280.91	57.6	63.3
Brick	60	17,031	32	56.9	15.6	63.1	49.0	54.9	274.02	51.9	55.7
Brogan	63	18,185	28	54.8	16.3	74.6	56.8	56.0	277.13	56.4	62.5
Choteau	63	18,725	29	49.4	16.3	78.5	60.1	49.5	211.29	54.8	62.7
Edge	62	17,029	30	54.0	16.5	--	57.1	55.1	267.41	56.1	--
Faller	63	16,472	29	51.5	15.9	85.3	50.2	48.6	205.13	49.4	61.4
Freyr	63	17,086	29	56.6	15.6	72.5	58.0	52.8	255.45	55.4	61.1
Glenn	60	15,177	32	58.4	16.8	61.2	47.6	60.7	326.95	54.1	56.5
Howard	62	16,610	32	53.4	16.5	77.3	57.0	53.0	247.79	55.0	62.4
Jenna	64	14,718	28	56.2	16.3	81.1	60.5	60.6	320.98	60.5	67.4
Kelby	62	16,769	26	56.4	16.6	73.7	55.8	54.0	267.94	54.9	61.2
Mott	64	17,742	28	56.4	16.4	78.7	41.0	52.8	256.89	46.9	57.5
ND901CL	62	16,950	31	54.9	16.9	66.0	46.7	49.6	227.97	48.1	54.1
Power Play	62	17,281	29	54.0	16.4	--	--	55.0	264.65	--	--
Prosper	63	16,784	30	54.5	15.9	80.4	51.4	55.8	273.97	53.6	62.5
RB07	61	17,570	28	54.5	15.9	78.2	57.4	51.3	237.66	54.3	62.3
Sabin	62	16,920	29	56.0	16.4	80.0	61.3	56.4	285.81	58.9	65.9
Samson	63	17,433	28	53.8	15.7	82.7	51.8	62.3	321.75	57.1	65.6
Select	60	17,269	32	56.1	15.4	65.0	52.8	57.0	288.00	54.9	58.3
Steele-ND	62	15,619	28	54.4	16.4	75.3	58.1	50.3	230.30	54.2	61.2
Sy Soren	62	17,591	26	56.0	16.4	--	--	54.5	270.25	--	--
Sy Tyra	63	19,586	27	50.2	15.6	--	--	50.8	222.81	--	--
Tom	62	14,030	30	58.1	15.9	76.8	60.4	56.0	285.44	58.2	64.4
Vantage	68	18,315	28	56.4	17.7	72.5	52.7	47.4	214.50	50.1	57.5
Velva	63	16,219	28	52.8	15.9	85.3	47.9	55.7	265.45	51.8	63.0
WB-Digger	62	16,305	27	53.2	15.8	--	60.5	54.5	256.41	57.5	--
WB-Gunnison	63	18,742	26	48.0	16.0	--	--	37.9	119.70	--	--
WB-Mayville	62	16,967	26	49.7	16.9	--	--	54.6	253.20	--	--
Alpine	63	17,014	29	55.6	15.3	--	--	55.1	269.34	--	--
Trial Mean	62	16,782	29	54.6	16.2	74.9	54.4	54.1	263.43	--	--
CV %	1.1	4.3	7.8	2.0	1.4	7.5	5.3	8.0	--	--	--
LSD 0.05	1	1,019	3	1.5	0.4	7.8	4.1	6.1	--	--	--

Planting Date: May 4, 2011

Harvest Date: August 17, 2011

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

¹Returns were calculated by multiplying the 2011 yield by protein premium or discount paid at the Southwest Grain Terminal located at Gladstone on September 21. The price paid on this date was \$8.19/bu, for a grain protein concentration of 14%. An additional \$.01/bu was paid for each additional 0.2% increase in grain protein up to 17% above which an additional premium was not paid. Grain was discounted \$0.02/bu for each 0.2% reduction in grain protein from 14% to 11%, below which no additional discount was not assigned. Returns factored in discounts for grain with a test weight <58 lb/bu [-\$.02/bu for 0.5 lb/bu between 58 and 57 lb/bu; -\$.03/bu for 0.5 lb/bu between 57 and 55 lb/bu; -\$.04/bu for 0.5 lb/bu between 55 and 54 lb/bu; and -\$.05/bu for 0.5 lb/bu between 54 and 52 lb/bu]. Returns also deduct \$177.77, the sum of all listed costs from the December 2010 Farm Management Planning Guide Projected 2011 Crop Budgets South West North Dakota for spring wheat.