

2012 Hard Red Spring Wheat - Recrop

Dickinson, ND

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	----- Grain Yield-----				----- Average Yield -----	
						2010	2011	2012	Returns <sup>1</sup> \$/ac	2 Year	3 Year
						-----bu/ac-----			----bu/ac----		
Advance	75	16,391	30	61.3	15.2	--	--	71.1	407.51	--	--
Alsen	76	15,004	31	61.8	16.0	52.8	54.3	68.1	384.83	61.2	58.4
Barlow	74	15,017	33	60.8	16.3	59.2	60.7	78.6	474.83	69.6	66.1
Breaker	77	14,960	30	62.3	16.3	55.3	60.0	68.3	387.40	64.1	61.2
Brennan	74	15,805	28	61.3	16.0	59.4	55.7	72.8	425.14	64.3	62.7
Choteau	76	14,300	31	60.8	15.7	60.1	49.5	78.0	467.86	63.8	62.5
Edge	76	15,351	30	59.3	16.5	57.1	55.1	69.5	398.41	62.3	60.6
Elgin	79	15,569	33	59.0	16.8	58.5	59.4	69.5	398.61	64.4	62.4
Faller	79	13,669	32	59.0	15.5	50.2	48.6	76.5	454.29	62.6	58.4
Forefront	74	14,834	34	61.5	15.9	--	--	68.8	390.30	--	--
Glenn	76	14,067	33	60.3	16.3	47.6	60.7	77.8	468.53	69.2	62.0
Howard	77	14,441	31	59.5	16.1	57.0	53.0	73.4	429.74	63.2	61.1
Jenna	78	14,240	30	60.3	15.7	60.5	60.6	76.9	458.43	68.8	66.0
Kelby	74	16,383	28	61.3	16.0	55.8	54.0	65.5	362.45	59.7	58.4
LCS Albany	79	18,827	30	58.5	15.0	--	--	72.6	419.06	--	--
LCS Breakaway	74	15,080	28	62.0	15.7	--	--	70.1	400.64	--	--
LCS Powerplay	75	15,036	30	61.0	14.9	--	55.0	75.2	440.72	65.1	--
Mott	78	16,537	33	60.0	16.6	41.0	52.8	67.3	379.40	60.0	53.7
ND901CL	77	14,361	33	61.0	17.5	46.7	49.6	69.8	402.50	59.7	55.4
Norden	77	14,603	30	61.3	15.9	59.6	58.3	69.9	399.45	64.1	62.6
Prosper	79	13,963	31	58.5	15.7	51.4	55.8	68.0	382.22	61.9	58.4
RB07	73	15,304	30	60.5	15.3	57.4	51.3	75.3	443.06	63.3	61.3
Rolag	75	15,376	30	61.0	16.1	--	--	68.2	385.25	--	--
Sabin	76	15,870	30	60.0	15.8	61.3	56.4	67.0	374.71	61.7	61.6
Samson	76	13,170	28	60.5	16.2	51.8	62.3	71.9	417.49	67.1	62.0
Select	70	14,895	32	61.5	15.8	52.8	57.0	63.6	345.61	60.3	57.8
Steele-ND	73	13,775	33	62.0	17.0	58.1	50.3	71.1	414.04	60.7	59.8
Sy 605 CL	72	16,393	31	62.0	16.0	--	--	78.0	468.73	--	--
Sy Soren	76	17,828	30	59.5	16.1	--	54.5	68.0	383.48	61.2	--
Sy Tyra	76	15,952	28	59.8	15.3	--	50.8	70.2	400.00	60.5	--
Vantage	80	16,469	30	61.5	18.2	52.7	47.4	63.3	346.56	55.3	54.5
Velva	76	13,829	32	58.5	14.9	47.9	55.7	78.3	467.14	67.0	60.6
WB-Digger	74	15,026	31	59.0	15.4	60.5	54.5	73.7	430.40	64.1	62.9
WB-Gunnison	75	13,472	30	60.0	15.1	--	37.9	66.7	369.64	52.3	--
WB-Mayville	76	13,971	28	59.8	16.3	--	54.6	71.4	413.81	63.0	--
Alpine	77	14,829	30	60.0	14.9	--	55.1	71.8	411.93	63.5	--
Trial Mean	76	15,480	31	60.3	16.0	54.4	54.1	70.6	405.58	--	--
CV %	1.5	6.0	4.0	1.0	2.4	--	--	8.4	--	--	--

LSD 0.10	1	1,534	1	1.0	0.7	--	--	6.9	--	--	--
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Planting Date: April 2, 2012

Harvest Date: July 30, 2012

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2012 yield by protein premium or discount paid at the Southwest Grain Terminal located at Gladstone on August 10. The price paid on this date was \$8.43/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 \$0.03/bu for each 0.2% reduction in grain protein from 14% to 12%, below which no additional discount was assigned. Returns factored in discounts for grain with a test weight <58 lb/bu [-\$0.02/bu for 0.5 lb/bu between 58 and 57 lb/bu; -\$0.03/bu for 0.5 lb/bu between 57 and 55 lb/bu; -\$0.04/bu for 0.5 lb/bu between 55 and 54 lb/bu; and -\$0.05/bu for 0.5 lb/bu between 54 and 52 lb/bu]. Returns also deduct \$196.19, the sum of all listed costs from the December 2011 Farm Management Planning Guide Projected 2012 Crop Budgets South West North Dakota for spring wheat.