

## 2007 Winter Wheat - Recrop

Dickinson, ND

Variety	Heading Date <sup>1</sup> June	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	----- Grain Yield-----			Returns \$/ac	----- Average Yield <sup>2</sup> -----	
						2003	2005	2007		Year Year	Year Year
						-----bu/ac-----			-----bu/ac-----		
Alice	9	16,190	30	59.2	11.9	--	--	79.0	474.76	--	--
CDC Buteo	13	17,590	35	60.8	12.3	--	58.3	82.7	500.22	70.5	--
CDC Falcon	14	21,173	31	55.9	12.4	83.4	61.4	79.8	474.80	70.6	74.9
Darrell	13	16,299	35	58.5	12.2	--	54.0	79.9	481.79	--	--
Expedition	9	15,135	31	57.9	12.1	70.8	52.4	71.0	427.44	61.7	64.7
Goodstreak	13	16,905	32	53.9	12.0	--	--	77.6	448.52	--	--
Harding	12	16,958	37	57.5	13.4	70.3	65.6	74.0	448.52	69.8	70.0
Jagalene	11	18,736	32	54.5	12.9	76.2	38.9	64.5	380.74	51.7	59.9
Jerry	14	15,379	38	58.9	13.0	76.7	66.0	82.9	502.95	74.4	75.2
McClintock	14	18,344	39	58.6	13.3	83.8	50.2	66.7	406.44	58.5	66.9
Millennium	11	15,572	36	60.3	12.5	79.4	69.0	86.7	525.13	77.8	78.3
NuDakota	10	17,355	29	55.6	12.4	--	--	80.2	477.83	--	--
Paul	16	19,466	34	54.3	12.7	--	--	83.3	487.25	--	--
Radiant	16	18,072	36	54.7	12.6	--	--	70.7	415.66	--	--
Ransom	13	17,419	38	56.7	13.0	80.3	60.7	73.2	441.33	67.0	71.4
Roughrider	15	17,143	38	60.0	13.7	66.6	46.9	63.3	387.53	55.1	58.9
Wendy	8	17,066	30	59.1	12.4	--	44.1	77.5	468.59	60.8	--
Wesley	10	14,823	30	57.6	13.4	65.9	48.7	78.9	479.76	63.8	64.5
Yellowstone	15	16,608	33	54.6	12.8	--	41.1	75.4	444.61	58.2	--
Trial Mean	12	17,050	34	57.4	12.7	75.0	53.3	77.7	456.52	--	--
CV %	10.0	6.3	2.5	2.4	3.4	9.5	9.3	10.4	--	--	--
LSD 0.05	2	1,521	1	1.9	0.9	10.0	7.0	11.4	--	--	--

Planting Date: September 20, 2006

Harvest Date: July 31, 2007

<sup>1</sup>Winterkill notes were not recorded since little winter injury was observed.<sup>2</sup>Average yields are from 2003, 2005, and 2007 since winter wheat was not grown in 2004 and 2006.

Previous Crop: Field Pea

Seeding Rate: 75 pounds per acre

Returns were calculated by multiplying the 2007 yield by protein premium or discount paid at the Southwest Grain Terminal located at Gladstone on September 4. The price paid on this date was \$6.04/bu for a grain protein concentration was 12%. \$.01/bu was paid for each additional 0.2% increase in grain protein up to 14%, above which an additional premium was not paid. Grain was discounted \$.03/bu for each 0.2% reduction in grain protein from 12% to 10%, below which no additional discount was assigned. Returns factored in discounts for grain with a test weight < 60 lb/bu [-\$.01/bu for 0.5 lb/bu between 60 and 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 52 lb/bu; and -\$.05/bu for 0.5 lb/bu between 52 and 51 lb/bu].