

Variety	Heading Date	Winter Survival %	Seeds		Plant Height in	Test Weight lbs/bu	Protein %	----- Grain Yield-----			Average Yield <sup>2</sup>	
			per Pound	Plant				2005	2007	2008	Returns <sup>1</sup> \$/ac	Year 2
	June	%					-----bu/ac-----				----bu/ac---	
Accipiter	22	93	20,433	22	55.4	16.0	--	--	18.6	-27.67	--	--
Alice	19	80	19,681	21	56.4	15.2	--	79.0	15.4	-47.36	47.2	--
CDC Buteo	22	90	18,706	23	58.5	15.5	58.3	82.7	17.6	-31.34	50.2	--
CDC Falcon	22	87	20,479	21	55.0	16.1	61.4	79.8	17.9	-32.58	48.9	53.0
Darrell	21	90	16,588	23	56.9	15.3	54.0	79.9	19.4	-20.70	49.7	51.1
Expedition	17	77	18,291	21	56.6	14.9	52.4	71.0	15.0	-50.45	43.0	46.1
Harding	24	77	18,144	23	55.8	16.5	65.6	74.0	14.5	-53.81	44.3	51.4
Hawken	20	60	18,790	20	54.0	15.6	--	--	13.9	-59.66	--	--
Jagalene	23	70	18,184	23	57.0	15.5	38.9	64.5	16.4	-40.40	40.5	39.9
Jerry	21	90	16,746	23	56.5	16.1	66.0	82.9	18.3	-28.39	50.6	55.7
Millennium	20	90	17,021	22	57.4	15.0	69.0	86.7	17.6	-32.29	52.1	57.7
NuDakota	24	37	20,180	19	51.9	15.6	--	80.2	10.1	-85.73	45.2	--
Overland	19	93	16,865	21	58.3	14.9	--	--	21.4	-6.50	--	--
Peregrine	24	97	19,984	25	56.1	15.2	--	--	17.5	-34.15	--	--
Radiant	24	93	16,811	23	57.0	15.2	--	70.7	19.5	-19.95	45.1	--
Roughrider	23	83	20,206	22	56.4	16.3	46.9	63.3	12.4	-67.70	37.8	40.8
Lyman	18	93	16,964	21	57.5	15.4	--	--	18.2	-28.20	--	--
Wesley	17	87	17,619	21	56.1	15.8	48.7	78.9	14.1	-56.57	46.5	47.2
Yellowstone	24	90	16,739	24	56.6	15.9	41.1	75.4	18.8	-24.87	47.1	45.1
Trial Mean	21	84	18,371	22	56.3	15.5	53.3	77.7	16.9	-38.06	--	--
CV %	7.4	9.5	2.5	8.7	1.1	2.2	9.3	10.4	12.8	--	--	--
LSD 0.05	2	13	944	3	0.9	0.7	7.0	11.4	3.1	--	--	--

Planting Date: September 18, 2007

Harvest Date: July 31, 2008

Previous Crop: Oat

Seeding Rate: 1 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2008 yield by protein premium or discount paid at the Southwest Grain Terminal located at Gladstone on September 9. The price paid on this date was \$6.55/bu for a grain protein concentration of 12%. \$.01/bu was paid for each additional 0.2% increase in grain protein up to 15%, above which an additional premium was not paid. Grain was discounted \$0.03/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]. Returns also deduct \$149.03, the sum of all listed costs from the December 2007 Farm Management Planning Guide Projected 2008 Crop Budgets South West North Dakota for winter wheat.

<sup>2</sup>Average yields are from 2005, 2007, and 2008 since winter wheat was not grown in 2006.

## 2008 Oat - Recrop

Dickinson, ND

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	----- Grain Yield-----			Returns <sup>1</sup> \$/ac	Average Yield	
					2006	2007	2008		2	3
					-----bu/ac-----			----bu/ac----		
AC Pinnacle	76	13,324	26	38.6	108.1	108.5	55.2	-16.29	81.8	90.6
Beach	75	13,680	28	39.6	94.4	102.4	51.2	-24.12	76.8	82.7
Buff*	71	17,397	26	38.5	60.9	71.5	48.9	-29.10	60.2	60.4
CDC Dancer	74	14,472	27	39.0	96.0	112.2	57.8	-10.40	85.0	88.6
CDC Minstrel	74	14,039	27	38.4	--	--	52.1	-22.36	--	--
Furlong	75	12,196	27	36.9	--	--	57.4	-13.38	--	--
HiFi	74	14,885	27	36.0	87.9	93.9	50.7	-28.79	72.3	77.5
Hyttest	72	13,898	28	39.0	90.5	96.3	57.0	-11.94	76.7	81.3
Jerry	73	13,298	28	38.1	90.5	110.0	53.5	-19.39	81.7	84.6
Killdeer	74	14,530	24	37.1	93.5	115.6	56.3	-15.26	86.0	88.5
Maida	74	13,198	29	37.6	84.2	100.6	50.4	-26.47	75.5	78.4
Monida	76	15,759	26	36.0	104.8	96.5	60.1	-9.73	78.3	87.1
Morton	75	14,831	29	38.3	97.2	104.6	49.2	-28.47	76.9	83.7
Otana	74	15,657	30	39.4	96.3	109.7	66.0	6.90	87.9	90.7
Paul*	75	17,067	26	40.4	58.5	81.7	33.7	-61.60	57.7	58.0
Souris	74	15,659	24	37.0	97.0	112.9	55.9	-16.73	84.4	88.6
Stallion	74	15,918	29	38.9	100.2	109.5	61.8	-1.90	85.6	90.5
Stark*	76	16,611	27	42.0	68.1	73.3	39.9	-48.00	56.6	60.4
Youngs	75	12,547	28	36.5	98.0	116.8	52.1	-25.38	84.5	89.0
Trial Mean	74	14,425	27	37.9	93.0	104.3	52.8	-22.17	--	--
CV %	1.2	6.2	5.3	3.0	9.8	10.1	9.3	9.7	--	--
LSD 0.05	1	1,248	2	1.6	12.7	14.8	6.9	14.88	--	--

Planting Date: April 14, 2008

Harvest Date: July 30, 2008

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Previous Crop: Field Pea

Seeding Rate: 1 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2008 yield by the test weight discount paid at the Southwest Grain Terminal located in Gladstone on September 9. The price paid was \$2.10/bu for grain with a test weight greater than 37 lb/bu. Grain with a test weight of 37 lb/bu was discounted \$.04/bu, with an additional discount of \$.04/bu per pound to 30 lb/bu. Below 30 lb/bu, an additional discount of \$.07/bu occurred per pound. Returns also deduct \$131.72, the sum of all listed costs from the December 2007 Farm Management Planning Guide Projected 2008 Crop Budgets South West North Dakota for oats.

## 2008 Durum - Recrop

Dickinson, ND

Variety	Days	Seeds	Plant	Test	Protein	----- Grain Yield-----				Average Yield	
	to	per				Head	Pound	Height	Weight	2006	2007
			in	lbs/bu	%	-----bu/ac-----			\$/ac	----bu/ac----	
AC Commander	81	11,460	17	60.6	17.7	--	61.4	12.3	-58.60	36.9	--
AC Napoleon	81	13,663	18	59.3	18.5	--	46.9	13.8	-45.24	30.3	--
AC Navigator	81	11,540	18	61.0	17.2	54.9	48.3	12.7	-54.60	30.5	38.6
Alkabo	82	12,658	19	60.8	16.9	54.6	46.9	13.5	-47.47	30.2	38.4
Alzada	78	11,718	19	60.3	16.7	--	--	17.5	-11.98	--	--
Ben	80	13,137	20	60.1	18.2	47.2	45.1	13.2	-50.60	29.1	35.2
DG Star	81	13,034	18	59.3	18.0	--	--	11.2	-68.09	--	--
DG Max	81	12,970	18	60.6	18.0	--	--	12.5	-56.75	--	--
Dilse	82	12,997	18	59.6	19.1	48.3	46.8	13.6	-47.23	30.2	36.2
Divide	81	12,871	19	60.3	17.1	50.4	44.7	16.6	-20.51	30.6	37.2
Grande D'oro	82	11,982	18	59.5	17.2	--	--	11.5	-65.66	--	--
Grenora	81	12,596	18	59.8	17.6	52.2	47.8	13.7	-46.03	30.7	37.9
Lebsock	81	13,362	19	60.4	17.4	50.1	45.9	15.0	-34.63	30.4	37.0
Maier	80	13,023	19	60.4	18.4	49.8	45.2	14.7	-37.32	29.9	36.6
Mountrail	81	13,990	17	59.3	18.2	53.2	46.6	12.4	-57.79	29.5	37.4
Pierce	80	13,853	19	60.9	17.1	49.1	46.5	17.5	-12.54	32.0	37.7
Rugby	80	14,233	20	60.0	17.9	46.5	43.6	14.3	-40.51	29.0	34.8
Strongfield	81	12,741	20	59.8	18.9	54.6	46.7	13.2	-50.70	29.9	38.2
Wales	80	12,593	18	60.1	17.5	--	--	14.2	-41.53	--	--
Trial Mean	81	13,002	19	60.1	17.7	49.6	48.4	13.6	-46.82	--	--
CV %	1.0	3.9	8.4	0.8	--	11.7	6.7	19.5	--	--	--
LSD 0.05	1	704	NS	0.6	--	NS	4.57	NS	--	--	--

Planting Date: April 15, 2008

Harvest Date: August 13, 2008

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2008 yield by the test weight discount paid at the Southwest Grain Terminal located at Gladstone on September 9. The price paid on this date was \$9.75/bu for grain with a minimum test weight of 60 lb/bu. Grain was discounted \$.02/bu for each 0.5 lb reduction in test weight between 60 and 58 lb/bu, \$.04/bu per 0.5 lb reduction between 58 and 54 lb/bu, and \$0.05/bu per 0.5 lb/bu reduction between 54 and 50 lb/bu. Returns also deduct \$167.90, the sum of all listed costs from the December 2007 Farm Management Planning Guide Projected 2008 Crop Budgets South West North Dakota for durum.

## 2008 Commercial White Wheat - Recrop

Dickinson, ND

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	-----Grain Yield-----		2 Year Average bu/ac
						2007 -----bu/ac-----	2008	
AC Karma	71	15,591	24	58.9	15.8	40.5	29.6	35.0
AC Snowbird	73	18,237	26	58.8	16.7	41.4	26.2	33.8
AC Vista	71	14,319	24	57.6	15.8	47.0	28.0	37.5
Agawam	70	12,328	23	60.8	16.2	49.9	24.8	37.4
Alpine	72	15,399	25	60.5	15.6	--	34.0	--
Diamond	72	14,510	25	60.8	16.7	44.3	28.1	36.2
Explorer	70	17,363	23	59.3	16.6	45.8	29.7	37.7
Glenn (hrsw)	71	15,814	24	61.5	16.8	49.4	27.5	38.4
Golden 86	70	13,703	23	60.3	16.4	45.8	24.4	35.1
IDO377S	72	17,107	25	57.5	16.6	--	27.3	--
Kantana	72	18,467	25	60.4	17.0	36.4	24.7	30.6
Lochsa	71	15,010	24	57.5	16.3	46.6	27.5	37.1
Lolo	72	15,070	25	58.8	15.9	47.8	29.8	38.8
Otis	72	15,877	25	59.9	16.0	46.4	27.8	37.1
Peerless	75	16,930	28	60.5	15.9	42.0	28.1	35.0
Penewawa	73	16,264	26	56.3	14.6	42.3	29.1	35.7
Reeder (hrsw)	74	18,908	27	59.8	17.0	45.5	26.8	36.1
Snow Crest	70	16,242	23	56.5	16.9	40.8	25.1	33.0
Steele-ND (hrsw)	72	16,719	25	58.4	16.5	47.2	26.7	36.9
Waieka	70	13,046	23	57.4	16.0	52.6	27.7	40.2
Trial Mean	72	15,956	25	59.0	16.3	44.9	27.6	--
CV %	0.7	6.9	2.1	2.0	1.3	5.6	6.8	--
LSD 0.05	1	1,546	1	1.7	0.5	3.6	2.7	--

Planting Date: April 14, 2008

Harvest Date: August 7, 2008

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

**2008 Hannover Durum Recrop**

**Dickinson, ND**

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	-----Grain Yield-----			Returns <sup>1</sup> \$/ac	Average Yield <sup>2</sup>	
				2005	2007	2008		2	3
				-----bu/ac-----				----bu/ac----	
Alkabo	11,395	60.0	14.7	39.6	38.6	34.3	166.01	36.45	37.5
Ben	11,316	59.6	15.3	41.0	38.3	29.9	123.15	34.12	36.4
DG Star	12,042	58.6	15.6	--	--	32.1	143.20	--	--
Divide	12,245	59.0	15.3	38.4	37.5	34.2	163.80	35.81	36.7
Grenora	12,089	59.0	15.1	42.7	37.5	35.6	177.47	36.56	38.6
Mountrail	12,636	59.0	15.6	--	40.3	32.4	147.04	36.37	--
Trial Mean	11,954	59.2	15.3	40.4	38.5	33.1	153.45	--	--
CV %	3.9	0.6	--	9.1	4.5	10.0	10.0	--	--
LSD 0.05	696	0.5	--	NS	NS	NS	NS	--	--

Planting Date: April 22, 2008

Harvest Date: August 18, 2008

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2008 yield by the test weight discount paid at the Southwest Grain Terminal located at Gladstone on September 9. The price paid on this date was \$9.75/bu for grain with a minimum test weight of 60 lb/bu. Grain was discounted \$.02/bu for each 0.5 lb reduction in test weight between 60 and 58 lb/bu, \$.04/bu per 0.5 lb reduction between 58 and 54 lb/bu, and \$.05/bu per 0.5 lb/bu reduction between 54 and 50 lb/bu. Returns also deduct \$167.90, the sum of all listed costs from the December 2007 Farm Management Planning Guide Projected 2008 Crop Budgets South West North Dakota for durum.

<sup>2</sup>Average yields are from 2005, 2007, and 2008 since durum was not grown in 2006.

**2008 Glen Ullin Durum Fallow**

**Dickinson, ND**

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	-----Grain Yield-----			Returns <sup>1</sup> \$/ac	Average Yield <sup>2</sup>	
				2005	2007	2008		2	3
				-----bu/ac-----				----bu/ac----	
Alkabo	11,539	61.8	13.1	57.6	35.7	36.4	187.01	36.07	43.2
Ben	11,799	61.9	14.2	60.5	42.4	35.7	180.34	39.03	46.2
DG Star	11,746	60.8	13.5	--	--	32.1	144.97	--	--
Divide	11,252	61.8	11.8	59.1	36.2	42.9	250.26	39.53	46.1
Grenora	11,791	61.3	13.9	62.3	38.4	37.6	199.14	38.03	46.1
Mountrail	13,223	60.8	13.3	--	44.6	37.0	192.77	40.78	--
Trial Mean	11,892	61.4	13.3	60.3	39.5	37.0	192.42	--	--
CV %	5.5	1.4	--	6.5	8.6	23.1	23.1	--	--
LSD 0.05	986	NS	--	NS	5.2	NS	NS	--	--

Planting Date: April 22, 2008

Harvest Date: August 18, 2008

Previous Crop: Chemical Fallow

Seeding Rate: 1.2 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2008 yield by the test weight discount paid at the Southwest Grain Terminal located at Gladstone on September 9. The price paid on this date was \$9.75/bu for grain with a minimum test weight of 60 lb/bu. Grain was discounted \$.02/bu for each 0.5 lb reduction in test weight between 60 and 58 lb/bu, \$.04/bu per 0.5 lb reduction between 58 and 54 lb/bu, and \$0.05/bu per 0.5 lb/bu reduction between 54 and 50 lb/bu. Returns also deduct \$167.90, the sum of all listed costs from the December 2007 Farm Management Planning Guide Projected 2008 Crop Budgets South West North Dakota for durum.

<sup>2</sup>Average yields are from 2005, 2007, and 2008 since durum was not grown in 2006.

## 2008 Hard Red Spring Wheat - Recrop

Dickinson, ND

Variety	Days	Seeds	Plant	Test	Protein	----- Grain Yield-----				Average Yield	
	to	per				Height	Weight	2006	2007	2008	Returns <sup>1</sup>
	Head	Pound	in	lbs/bu	%	-----bu/ac-----			\$/ac	---bu/ac---	
AP 604 CL	73	18,310	25	59.8	17.3	--	53.0	32.8	113.72	42.9	--
Alsen	74	16,621	25	58.6	17.2	40.1	51.5	29.5	87.06	40.5	40.3
Blade	74	15,173	25	60.4	17.8	--	--	34.7	128.46	--	--
Breaker	74	14,691	27	59.9	17.1	--	--	36.4	142.16	--	--
Briggs	73	16,855	28	59.4	17.0	44.0	50.5	29.6	88.42	40.1	41.4
Choteau	73	16,865	23	59.0	16.6	41.2	48.5	34.2	124.66	41.4	41.3
Cromwell	74	16,853	23	59.9	17.6	--	--	31.1	100.31	--	--
FBC Dylan	74	16,234	24	58.8	16.4	39.4	46.4	29.2	85.26	37.8	38.3
Faller	75	16,415	24	57.5	16.1	42.4	52.8	29.8	89.51	41.3	41.7
Freyr	73	16,998	26	59.4	16.1	42.9	50.4	33.7	120.98	42.1	42.3
Glenn	73	17,023	27	60.9	16.3	41.6	52.7	31.0	99.62	41.9	41.8
Granger	74	16,181	26	59.4	16.5	43.7	51.2	31.1	99.90	41.1	42.0
Granite	76	17,713	24	61.0	16.9	42.0	46.9	34.8	129.09	40.8	41.2
Howard	74	17,271	26	58.5	16.1	43.6	53.6	30.9	98.26	42.2	42.7
Kelby	73	17,736	23	59.8	15.6	38.1	53.6	34.2	121.96	43.9	41.9
Knudson	74	15,600	24	59.9	17.1	41.4	53.7	32.2	108.73	43.0	42.4
Kuntz	73	19,541	24	58.5	15.5	--	50.8	31.3	97.62	41.0	--
ND901CL	73	18,317	27	60.0	17.0	--	--	33.8	121.78	--	--
Parshall	74	17,744	25	59.1	16.4	41.9	51.4	31.4	102.76	41.4	41.6
RB07	72	16,838	24	60.4	16.3	42.7	57.5	37.2	148.29	47.3	45.8
Reeder	75	19,369	23	58.8	17.4	40.8	43.8	28.4	78.63	36.1	37.7
Rush	72	16,871	24	61.0	16.6	36.9	45.6	29.7	89.05	37.6	37.4
Samson	74	17,087	25	58.4	16.8	--	--	34.6	127.83	--	--
Steele-ND	74	17,778	27	57.5	16.4	43.4	50.8	30.4	93.90	40.6	41.5
Tom	73	14,809	25	60.3	16.3	--	--	32.3	109.58	--	--
Traverse	72	16,408	26	56.9	15.9	41.3	53.9	34.4	124.34	44.2	43.2
Vantage	76	18,110	22	59.9	17.4	--	--	33.0	115.19	--	--
Trial Mean	73	17,117	26	59.2	16.6	41.3	50.5	32.1	107.72	--	--
CV %	1.2	3.9	5.6	1.0	2.3	7.9	6.7	10.5	--	--	--
LSD 0.05	1	941	2	0.9	0.8	4.6	4.7	4.7	--	--	--

Planting Date: April 14, 2008

Harvest Date: August 5, 2008

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2008 yield by protein premium or discount paid at the Southwest Grain Terminal located at Gladstone on September 9. The price paid on this date was \$7.18/bu, for a grain protein

concentration of 14%. An additional \$.07/bu was paid for each additional 0.2% increase in grain protein up to 15%, 15% protein received an additional \$.20/bu. An additional \$.04/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 \$0.08/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 52 lb/bu; and -\$.05/bu for 0.5 lb/bu between 52 and 51 lb/bu]. Returns also deduct \$146.49, the sum of all listed costs from the December 2007 Farm Management Planning Guide Projected 2008 Crop Budgets South West North Dakota for spring wheat.



## 2008 Barley - Recrop

Dickinson, ND

Variety	Days	Seeds	Plant	Test	Protein	Plump	----- Grain Yield-----				Average Yield	
	to	per					%	2006	2007	2008	Returns <sup>1</sup>	2
	Head	Pound	Height	Weight	%	>6/64	-----bu/ac-----			\$/ac	----bu/ac----	
<b>Six Row</b>												
Drummond	71	14,419	25	42.9	15.2	64.9	89.9	71.2	53.8	23.77	62.5	71.7
Lacey	73	15,248	22	43.9	14.2	56.8	88.4	79.3	53.6	23.64	66.5	73.8
Legacy	74	15,600	23	41.3	14.5	61.1	76.0	68.1	51.7	13.39	59.9	65.3
Rasmusson	72	14,862	23	43.0	14.0	62.8	103.1	75.1	53.5	22.43	64.3	77.2
Robust	73	16,039	25	44.1	14.8	57.9	89.8	70.8	49.2	11.15	60.0	69.9
Stellar-ND	73	13,468	23	41.1	13.8	67.5	83.8	69.3	50.4	8.73	59.8	67.8
Tradition	72	14,455	24	42.3	14.7	66.8	82.3	75.4	53.3	20.55	64.4	70.3
<b>Two Row</b>												
AC Metcalfe	75	13,514	22	45.2	14.7	87.1	88.6	70.9	52.3	22.86	61.6	70.6
Bowman	74	11,550	24	46.3	15.1	87.8	85.8	70.6	55.4	33.39	63.0	70.6
CDC Copeland	77	13,180	22	43.4	15.5	81.9	80.9	68.7	45.8	-0.60	57.2	65.1
Conlon	71	10,743	25	46.7	14.6	95.2	82.3	63.9	49.1	13.58	56.5	65.1
Conrad	76	13,035	21	47.0	15.8	83.1	--	76.3	52.7	25.09	64.5	--
Eslick	76	11,756	21	47.3	14.6	81.3	98.1	78.7	58.5	43.18	68.6	78.4
Geraldine	78	13,603	21	44.8	15.9	57.4	--	70.8	51.6	19.31	61.2	--
Harrington	76	13,796	22	43.8	15.8	74.5	78.6	63.3	47.5	5.83	55.4	63.1
Haxby	74	11,917	22	48.7	15.3	83.4	94.0	76.7	55.1	32.67	65.9	75.3
Hockett	74	11,642	21	46.7	14.4	86.8	--	71.9	55.1	32.13	63.5	--
Pinnacle	74	11,100	24	47.2	13.3	92.5	93.1	69.3	54.1	29.42	61.7	72.2
Rawson	73	10,527	25	47.5	13.7	93.3	91.1	66.4	54.9	31.83	60.7	70.8
Scarlett	77	13,151	18	46.4	15.0	89.0	--	76.7	50.4	17.89	63.6	--
Trial Mean	74	13,437	23	44.6	14.7	75	87.7	71.8	52.3	20.79	--	--
CV %	1.0	5.7	6.2	3.0	--	7.0	11.1	9.7	7.1	7.1	--	--
LSD 0.05	1	1,087	2	1.9	--	7	13.6	NS	5.2	16.16	--	--

Planting Date: April 14, 2008

Harvest Date: July 30, 2008

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2008 yields by the price paid for feed barley minus the test weight discount paid at the Southwest Grain Terminal located at Gladstone on September 9. The price paid on this date was \$3.15/bu for grain with test weights heavier than 45 lb/bu. Grain with a test weight of 45 lb/bu was discounted \$.03/bu, with an additional discount of \$.04/bu per pound down to 42 lb/bu. Below 42 lb/bu, an additional discount of \$.05/bu occurred per pound. Returns also deduct \$141.02, the sum of all listed costs from the December 2007 Farm Management Planning Guide Projected 2008 Crop Budgets South West North Dakota for barley.

**2008 Glen Ullin Spring Wheat**

**Dickinson, ND**

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	----- Grain Yield-----			Returns <sup>1</sup> \$/ac	Average Yield <sup>2</sup>	
				2005	2007	2008		2	3
				-----bu/ac-----				----bu/ac----	
Choteau	14,485	61.2	13.7	53.7	39.3	46.1	177.48	42.7	46.4
Faller	13,462	61.0	13.9	--	37.3	46.1	180.88	41.7	--
Glenn	14,873	63.8	14.7	66.6	35.5	40.5	152.86	38.0	47.5
Howard	15,357	61.2	14.3	57.7	38.2	42.1	158.77	40.1	46.0
Kelby	14,696	62.3	14.5	--	23.8	43.8	173.86	33.8	--
Kuntz	16,406	61.8	13.6	--	--	40.2	132.76	--	--
ND901CL	15,125	62.0	14.8	--	--	44.0	181.54	--	--
Steele-ND	14,651	61.7	14.7	57.9	37.1	42.9	170.34	40.0	45.9
Traverse	14,563	59.2	12.9	--	39.7	46.8	167.30	43.3	--
Trial Mean	14,914	61.6	14.0	60.9	35.1	45.2	175.47	--	--
CV %	3.1	1.0	3.1	4.8	8.8	6.8	--	--	--
LSD 0.05	779	1.0	1.0	4.2	4.4	5.2	--	--	--

Planting Date: April 22, 2008

Harvest Date: August 18, 2008

Previous Crop: Chemical Fallow

Seeding Rate: 1.2 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2008 yield by protein premium or discount paid at the Southwest Grain Terminal located at Gladstone on September 9. The price paid on this date was \$7.18/bu, for a grain protein concentration of 14%. An additional \$.07/bu was paid for each additional 0.2% increase in grain protein up to 15%, 15% protein received an additional \$.20/bu. An additional \$.04/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 \$.08/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 52 lb/bu; and -\$.05/bu for 0.5 lb/bu between 52 and 51 lb/bu]. Returns also deduct \$146.49, the sum of all listed costs from the December 2007 Farm Management Planning Guide Projected 2008 Crop Budgets South West North Dakota for spring wheat.

<sup>2</sup>Average yields are from 2005, 2007, and 2008 since wheat was not grown in 2006.

## 2008 Hannover Spring Wheat

Dickinson, ND

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	----- Grain Yield-----			Returns <sup>1</sup> \$/ac	Average Yield <sup>2</sup>	
				2005	2007	2008		2	3
				-----bu/ac-----				----bu/ac----	
Choteau	15,198	60.0	15.9	31.1	32.5	33.7	119.11	33.1	32.4
Faller	15,183	58.8	16.2	--	30.8	30.9	98.50	30.9	--
Glenn	15,475	62.4	16.2	36.4	30.6	29.2	85.43	29.9	32.1
Howard	15,275	59.8	15.7	35.6	30.4	30.3	91.39	30.4	32.1
Kelby	17,016	60.6	16.2	--	28.6	31.9	106.15	30.2	--
Kuntz	17,824	59.8	15.1	--	--	28.9	77.17	--	--
ND901CL	16,554	60.5	16.4	--	--	30.4	94.80	--	--
Steele-ND	15,687	60.3	16.2	32.3	29.8	29.4	87.03	29.6	30.5
Traverse	15,336	57.9	15.3	--	30.9	32.9	109.35	31.9	--
Trial Mean	15,918	60.0	16.0	35.7	29.6	31.7	103.42	--	--
CV %	3.1	0.9	1.4	11.9	8.6	9.9	--	--	--
LSD 0.05	706	0.8	0.5	6.1	3.7	NS	--	--	--

Planting Date: April 22, 2008

Harvest Date: August 18, 2008

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2008 yield by protein premium or discount paid at the Southwest Grain Terminal located at Gladstone on September 9. The price paid on this date was \$7.18/bu, for a grain protein concentration of 14%. An additional \$.07/bu was paid for each additional 0.2% increase in grain protein up to 15%, 15% protein received an additional \$.20/bu. An additional \$.04/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 \$.08/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 52 lb/bu; and -.05/bu for 0.5 lb/bu between 52 and 51 lb/bu]. Returns also deduct \$146.49, the sum of all listed costs from the December 2007 Farm Management Planning Guide Projected 2008 Crop Budgets South West North Dakota for spring wheat.

<sup>2</sup>Average yields are from 2005, 2007, and 2008 since wheat was not grown in 2006.