

**2007 Barley - Recrop**

**Dickinson, ND**

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	% Plump >6/64	----- Grain Yield-----			Returns \$/ac	----- Average Yield -----	
							2005	2006	2007		2005	2006
<b>Six Row</b>												
Drummond	59	14,559	31	43.8	12.6	72	95.4	89.9	71.2	227.20	80.6	85.5
Lacey	59	14,055	32	44.5	11.9	71	97.7	88.4	79.3	254.40	83.8	88.5
Legacy	61	16,964	30	38.6	12.3	56	94.8	76.0	68.1	204.11	72.0	79.6
Robust	60	14,294	34	43.8	12.8	67	93.2	89.8	70.8	225.68	80.3	84.6
Stellar-ND	59	14,056	31	41.6	12.6	66	101.5	83.8	69.3	215.49	76.5	84.8
Tradition	59	14,389	32	44.2	12.4	67	88.0	82.3	75.4	241.84	78.8	81.9
<b>Two Row</b>												
AC Metcalfe	63	13,225	28	43.2	12.5	77	85.1	88.6	70.9	225.31	79.7	81.5
Bowman	56	10,973	30	46.8	13.0	92	69.2	85.8	70.6	229.49	78.2	75.2
CDC Copeland	65	14,356	27	39.9	12.6	77	--	80.9	68.7	209.20	74.8	--
Conlon	56	10,936	28	46.2	12.8	74	76.0	82.3	63.9	207.58	73.1	74.1
Conrad	64	13,466	26	43.3	12.7	83	--	--	76.3	242.43	--	--
Eslick	64	12,651	28	44.5	11.3	70	100.8	98.1	78.7	252.68	88.4	92.5
Geraldine	65	13,572	25	42.0	12.6	58	--	--	70.8	220.85	--	--
Harrington	65	14,223	28	43.6	12.2	71	75.4	78.6	63.3	201.48	71.0	72.4
Haxby	60	11,475	27	48.1	11.7	81	83.9	94.0	76.7	249.39	85.4	84.9
Hockett	61	12,330	27	44.4	11.8	82	--	--	71.9	230.74	--	--
Pinnacle	60	10,963	27	46.3	11.8	90	--	--	69.3	225.07	--	--
Rawson	61	9,436	29	47.6	12.2	95	91.6	91.1	66.4	215.91	78.8	83.1
Scarlett	65	15,118	23	43.4	12.1	84	--	--	76.7	243.24	--	--
Trial Mean	60	13,319	29	44.1	12.2	76	90.1	87.7	71.8	228.48	--	--
CV %	1.5	7.9	5.2	3.8	6.2	16.7	5.9	11.1	9.7	10.7	--	--
LSD 0.05	1	1,486	2	2.4	NS	18	7.4	13.6	NS	NS	--	--

Planting Date: April 23, 2007

Harvest Date: July 24, 2007

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

Returns were calculated by multiplying the 2007 yields by the price paid for feed barley minus the test weight discount paid at the Southwest Grain Terminal located at Gladstone on September 4. The price paid on this date was \$3.25/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.

**2007 Commercial White Wheat - Recrop****Dickinson, ND**

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	Grain Yield bu/ac
AC Karma	64	17,367	29	58.9	12.2	40.5
AC Snowbird	62	18,507	36	60.4	13.3	41.4
AC Vista	62	14,579	31	59.3	11.2	47.0
Agawam	58	12,952	29	63.1	11.6	49.9
Explorer	58	17,625	30	60.1	12.5	45.8
Glenn (hrsw)	60	15,499	34	64.5	11.9	49.4
Golden 86	59	14,304	27	61.4	11.9	45.8
Kantana	63	19,071	33	60.8	13.0	36.4
Lochsa	60	15,357	30	58.0	11.7	46.6
Lolo	62	14,581	30	61.1	11.7	47.8
Otis	62	16,550	33	60.8	11.8	46.4
Penewawa	65	18,190	28	58.6	11.0	42.3
Reeder (hrsw)	60	15,443	30	61.6	11.1	45.5
Snow Crest	58	15,371	24	60.3	12.2	40.8
Steele-ND (hrsw)	61	16,374	32	62.0	12.3	47.2
Waikea	59	13,159	31	58.6	11.5	52.6
Winsome	66	17,757	29	57.5	12.0	42.9
Trial Mean	61	16,109	30	60.6	11.9	44.9
CV %	1.2	4.1	3.5	0.8	3.4	5.6
LSD 0.05	1	944	1	0.7	0.8	3.6

Planting Date: April 23, 2007

Harvest Date: July 31, 2007

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

## 2007 Durum - Recrop

Dickinson, ND

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	----- Grain Yield-----			Returns \$/ac	----- Average Yield -----	
						2005 -----bu/ac-----	2006 -----bu/ac-----	2007 -----bu/ac-----		2 Year	3 Year
AC Commander	65	14,101	31	58.3	15.4	--	--	61.4	417.63	--	--
AC Napoleon	66	13,914	35	57.3	15.9	--	--	46.9	315.22	--	--
AC Navigator	66	14,376	30	58.8	15.3	45.8	54.9	48.3	327.31	51.6	49.7
Alkabo	66	14,408	33	59.0	15.1	47.4	54.6	46.9	319.24	50.8	49.7
Ben	65	13,851	34	59.0	15.4	47.7	47.2	45.1	308.19	46.2	46.7
Dilse	67	14,625	34	58.0	16.4	47.3	48.3	46.8	320.11	47.5	47.5
Divide	67	13,569	34	58.5	15.5	50.3	50.4	44.7	303.11	47.5	48.4
Grenora	65	14,400	31	58.5	14.8	50.2	52.2	47.8	322.52	50.0	50.1
Lebsock	65	15,235	32	59.5	14.9	48.6	50.1	45.9	312.80	48.0	48.2
Maier	66	14,287	32	58.5	15.6	51.3	49.8	45.2	306.50	47.5	48.8
Mountrail	66	14,680	33	59.0	15.2	48.5	53.2	46.6	316.08	49.9	49.5
Pierce	66	14,385	34	59.3	15.2	49.6	49.1	46.5	319.01	47.8	48.4
Rugby	65	14,927	35	58.5	15.8	41.0	46.5	43.6	295.93	45.1	43.7
Strongfield	66	14,958	34	56.5	16.2	--	54.6	46.7	313.38	--	--
Trial Mean	66	14,051	34	59.6	15.3	47.3	49.6	48.4	330.01	--	--
CV %	0.9	5.5	3.1	0.6	1.4	8.8	11.7	6.7	6.9	--	--
LSD 0.05	1	1,564	1	0.7	0.4	5.81	NS	4.57	31.86	--	--

Planting Date: April 24, 2007

Harvest Date: August 2, 2007

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

Returns were calculated by multiplying the 2007 yield by the test weight discount paid at the Southwest Grain Terminal located at Gladstone on September 4. The price paid on this date was \$7.30/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.

## 2007 Glen Ullin Durum

Dickinson, ND

Variety	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	---Grain Yield---		Returns \$/ac	2
					2005	2007		Year Average bu/ac
Alkabo	12,023	31	58.6	15.3	57.6	35.7	258.90	46.7
Ben	12,078	32	58.9	16.2	60.5	42.4	307.28	51.4
Divide	12,318	32	57.8	16.1	59.1	36.2	260.22	47.7
Grenora	12,910	31	56.4	15.6	62.3	38.4	272.41	50.3
Mountrail	12,548	31	58.6	15.9	--	44.6	322.98	--
Trial Mean	12,375	32	58.1	15.8	60.3	39.5	284.36	--
CV %	4.3	1.3	0.7	--	6.5	8.6	8.8	--
LSD 0.05	NS	NS	0.7	--	NS	5.2	38.7	--

Planting Date: April 30, 2007

Harvest Date: August 13, 2007

Seeding Rate: 1.2 million live seeds/ac

Returns were calculated by multiplying the 2007 yield by the test weight discount paid at the Southwest Grain Terminal located at Gladstone on September 4. The price paid on this date was \$7.30/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

## 2007 Glen Ullin Spring Wheat

Dickinson, ND

Variety	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	----Grain Yield----		Returns \$/ac	2 Year Average bu/ac
					2005 -----bu/ac-----	2007		
Alsen	15,274	30	58.8	16.1	62.0	35.2	223.23	48.6
Briggs	15,903	33	59.8	15.5	--	36.8	232.03	--
Choteau	15,214	27	58.5	15.9	53.7	39.3	248.76	46.5
FBC Dylan	16,172	27	57.8	15.7	--	28.4	179.15	--
Faller	14,289	30	57.6	15.3	--	37.3	234.51	--
Freyr	16,152	30	58.6	15.2	66.6	37.1	234.00	51.9
Glenn	15,719	30	60.8	16.1	66.6	35.5	224.87	51.0
Howard	15,651	30	58.5	16.2	57.7	38.2	242.03	47.9
Kelby	16,585	25	58.9	16.4	--	23.8	151.17	--
Reeder	17,449	33	59.0	16.1	56.2	33.1	209.98	44.7
Steele-ND	15,021	30	58.3	16.2	57.9	37.1	234.81	47.5
Traverse	15,526	30	56.1	14.4	--	39.7	246.03	--
Trial Mean	15,746	29	58.5	15.8	60.9	35.1	221.71	--
CV %	3.6	2.1	0.7	--	4.8	8.8	--	--
LSD 0.05	813	1	0.6	--	4.2	4.4	--	--

Planting Date: April 30, 2007

Harvest Date: August 13, 2007

Seeding Rate: 1.2 million live seeds/ac

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 \$6.24/bu, assuming that grain protein concentration was 14%. An additional \$.01/bu was paid for each additional 0.2% increase in grain protein up to 16%, above which an additional premium was not paid. Grain was discounted \$.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; -\$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 52 lb/bu; and -\$0.05/bu for 0.5 lb/bu between 52 and 51 lb/bu].

## 2007 Hannover Durum Recrop

Dickinson, ND

Variety	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	----Grain Yield----		Returns \$/ac	2 Year Average bu/ac
					2005	2007		
Alkabo	13,115	33	57.3	15.3	39.6	38.6	276.75	39.1
Ben	12,453	33	57.5	16.1	41.0	38.3	275.20	39.6
Divide	14,120	33	55.6	16.3	38.4	37.5	263.38	38.0
Grenora	14,046	31	55.3	15.7	42.7	37.5	262.80	40.1
Mountrail	14,421	33	56.4	15.7	40.6	40.3	285.75	--
Trial Mean	13,631	33	56.4	15.8	40.4	38.5	272.78	--
CV %	3.2	2.0	0.9	--	9.1	4.5	4.8	--
LSD 0.05	675	NS	0.8	--	NS	NS	NS	--

Planting Date: April 30, 2007

Harvest Date: August 13, 2007

Seeding Rate: 1.2 million live seeds/ac

Returns were calculated by multiplying the 2007 yield by the test weight discount paid at the Southwest Grain Terminal located at Gladstone on September 4. The price paid on this date was \$7.30/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

## 2007 Hannover Spring Wheat Recrop

Dickinson, ND

Variety	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	---Grain Yield---		Returns \$/ac	2 Year Average bu/ac
					2005 -----bu/ac-----	2007		
Alsen	19,625	30	55.1	16.4	36.0	28.1	175.50	32.0
Briggs	20,239	33	55.4	15.6	--	28.4	176.60	--
Choteau	18,740	27	54.9	16.4	31.1	32.5	202.33	31.8
FBC Dylan	19,488	28	54.1	16.1	--	26.6	164.48	--
Faller	18,382	30	53.8	15.5	--	30.8	189.02	--
Freyr	18,820	31	55.6	15.5	37.7	31.8	198.41	34.8
Glenn	18,187	31	58.9	15.9	36.4	30.6	193.62	33.5
Howard	19,185	28	54.8	16.0	35.6	30.4	189.01	33.0
Kelby	19,368	26	56.0	16.4	--	28.6	179.85	--
Reeder	21,518	31	56.1	16.6	29.3	26.7	168.06	28.0
Steele-ND	18,402	29	54.8	15.9	32.3	29.8	185.41	31.0
Traverse	18,579	32	53.0	14.7	--	30.9	187.11	--
Trial Mean	19,211	30	55.2	15.9	35.7	29.6	184.12	--
CV %	3.8	4.2	0.8	--	11.9	8.6	--	--
LSD 0.05	1,050	3	0.7	--	6.1	3.7	--	--

Planting Date: April 30, 2007

Harvest Date: August 13, 2007

Seeding Rate: 1.2 million live seeds/ac

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 \$6.24/bu, assuming that grain protein concentration was 14%. An additional \$.01/bu was paid for each additional 0.2% increase in grain protein up to 16%, 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 [-\$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 52 lb/bu; and -\$0.05/bu for 0.5 lb/bu between 52 and 51 lb/bu].

## 2007 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 \$/ac	----- Average Yield -----	
						2004	2006	2007		2	3
						bu/ac	bu/ac	bu/ac	bu/ac	bu/ac	bu/ac
AC Lillian	64	19,100	37	58.0	16.1	--	--	45.5	288.16	--	--
AC Superb	63	18,936	35	57.1	14.7	26.5	44.5	44.5	277.80	44.5	38.5
AP 603 CL	64	22,900	34	58.9	15.4	--	40.1	44.5	280.11	42.3	--
AP 604 CL	60	18,811	34	61.0	15.1	--	--	53.0	333.26	--	--
Alsen	62	18,061	32	60.9	14.2	27.5	40.1	51.5	321.23	45.8	39.7
Briggs	62	18,051	37	60.3	14.7	24.1	44.0	50.5	316.59	47.2	39.5
Choteau	62	19,026	30	59.0	14.8	18.3	41.2	48.5	304.75	44.8	36.0
FBC-Dylan	61	16,949	33	59.5	14.2	--	39.4	46.4	290.19	42.9	--
Faller	63	17,834	33	57.6	13.9	22.1	42.4	52.8	327.98	47.6	39.1
Freyr	63	17,776	33	60.1	14.7	29.7	42.9	50.4	315.87	46.7	41.0
Glenn	60	16,576	35	63.5	14.7	20.4	41.6	52.7	330.64	47.2	38.2
Granger	61	16,442	36	60.4	14.4	26.7	43.7	51.2	319.69	47.4	40.5
Granite	64	18,907	30	62.4	16.0	29.7	42.0	46.9	297.47	44.5	39.5
Gunner	65	20,556	33	60.3	15.2	27.5	43.7	42.4	267.18	43.1	37.9
Howard	62	17,674	34	60.1	13.6	27.5	43.6	53.6	332.09	48.6	41.6
Ingot	60	17,327	38	62.3	14.9	25.8	42.1	47.4	297.73	44.8	38.4
Kelby	61	18,125	29	61.1	15.3	--	38.1	53.6	337.64	45.8	--
Knudson	62	17,304	32	60.8	14.0	--	41.4	53.7	335.21	47.6	--
Kuntz	62	19,731	29	60.4	13.9	--	--	50.8	315.99	--	--
Mercury	62	16,519	29	59.8	13.4	30.2	41.1	52.1	321.18	46.6	41.1
Norpro	63	19,940	30	57.6	14.7	27.6	47.2	49.5	309.89	48.4	41.4
Oxen	60	19,380	32	58.8	14.2	28.3	46.1	51.2	319.48	48.6	41.8
Parshall	62	18,277	36	60.9	14.2	21.2	41.9	51.4	321.40	46.7	38.2
RB07	59	17,436	31	62.0	13.9	--	42.7	57.5	357.61	50.1	--
Reeder	64	21,856	34	59.5	15.0	28.4	40.8	43.8	275.03	42.3	37.7
Rush	60	17,423	32	62.6	15.4	--	36.9	45.6	287.01	41.2	--
Russ	62	18,531	35	58.9	14.5	25.7	43.3	49.7	311.23	46.5	39.6
Steele-ND	62	17,658	34	59.5	13.9	26.5	43.4	50.8	315.94	47.1	40.3
Traverse	61	17,893	34	58.1	13.0	--	41.3	53.9	330.61	47.6	--
Trooper	60	17,390	29	59.6	13.3	22.6	41.3	55.4	341.29	48.3	39.8
Vida	63	18,728	32	58.8	14.4	--	--	50.8	317.60	--	--
Trial Mean	62	18,373	34	59.9	14.7	24.0	41.3	50.5	316.00	--	--
CV %	0.8	6.4	2.7	1.6	4.6	17.8	7.9	6.7	--	--	--
LSD 0.05	1	1,653	1	1.4	1.4	NS	4.6	4.7	--	--	--

Planting Date: April 24, 2007

Harvest Date: August 1, 2007

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

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 \$6.24/bu, assuming that grain protein concentration was 14%. An additional \$.01/bu was paid for each additional 0.2% increase in grain protein up to 16%, 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; -\$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 52 lb/bu; and -\$0.05/bu for 0.5 lb/bu between 52 and 51 lb/bu].



Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	----- Grain Yield-----			Returns \$/ac	----- Average Yield -----	
					2005	2006	2007		Year 2	Year 3
					-----bu/ac-----			----bu/ac----		
AC Assiniboia	65	13,773	32	33.6	130.1	95.1	116.0	161.67	105.5	113.7
AC Pinnacle	66	14,951	34	33.6	135.8	108.1	108.5	152.60	108.3	117.5
AC Ronald	66	16,517	35	33.8	124.2	97.6	99.2	138.59	98.4	107.0
Beach	63	15,829	36	36.2	121.9	94.4	102.4	155.82	98.4	106.2
Buff*	61	17,037	32	36.8	80.1	60.9	71.5	109.34	66.2	70.8
CDC Dancer	64	16,082	36	35.5	121.8	96.0	112.2	165.47	104.1	110.0
CDC Pacer	64	15,763	35	32.1	119.2	107.4	104.7	139.58	106.1	110.4
CDC Weaver	66	12,636	33	31.6	107.5	98.7	104.4	137.54	101.6	103.5
HiFi	64	16,519	34	33.1	114.5	87.9	93.9	128.08	90.9	98.8
HiFi-9	64	16,887	33	33.9	--	89.5	106.2	149.47	97.9	--
Hyttest	62	14,735	37	36.9	101.2	90.5	96.3	147.38	93.4	96.0
Jerry	62	16,253	36	36.0	115.2	90.5	110.0	162.69	100.2	105.2
Killdeer	63	15,816	31	34.2	137.9	93.5	115.6	162.80	104.6	115.7
Maida	64	15,055	35	34.2	118.0	84.2	100.6	142.47	92.4	100.9
Monida	66	18,605	32	28.1	131.8	104.8	96.5	109.11	100.7	111.0
Morton	63	15,643	38	33.7	121.7	97.2	104.6	147.15	100.9	107.9
Otana	65	17,431	38	33.7	124.3	96.3	109.7	153.80	103.0	110.1
Paul*	66	17,951	38	39.7	82.9	58.5	81.7	128.26	70.1	74.4
Souris	63	16,587	31	35.1	123.8	97.0	112.9	164.88	105.0	111.3
Stallion	63	17,292	37	34.2	--	100.2	109.5	155.23	104.8	--
Stark*	65	18,473	36	35.3	89.0	68.1	73.3	107.23	70.7	76.8
Youngs	65	12,764	37	32.9	114.3	98.0	116.8	157.93	107.4	109.7
Trial Mean	64	15,569	35	34.6	116.5	93.0	104.3	148.96	--	--
CV %	1.3	8.9	2.8	4.1	10.6	9.8	10.1	13.3	--	--
LSD 0.05	1	1,951	1	2.0	17.4	12.7	14.8	27.78	--	--

Planting Date: April 24, 2007

Harvest Date: July 30, 2007

\* Hulless

Previous Crop: Barley

Seeding Rate: 1 million live seeds/ac

Returns were calculated by multiplying the 2007 yield by the test weight discount paid at the Southwest Grain Terminal located in Gladstone on September 4. The price paid was \$1.60/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.

## 2007 Winter Wheat - Recrop

Dickinson, ND

Variety	Heading Date <sup>1</sup> June	Seeds		Test Weight lbs/bu	Protein %	----- Grain Yield-----			Average Yield <sup>2</sup>		
		per Pound	Plant Height in			2003	2005	2007	Returns \$/ac	Year 2	Year 3
						-----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 \$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].