

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	----- Grain Yield-----			Returns ¹ \$/ac	----- Average Yield -----	
					2010 -----bu/ac-----	2011 -----bu/ac-----	2012 -----bu/ac-----		2 Year ----bu/ac----	3 Year
AC Pinnacle	78	14,407	34	35.0	189.2	154.1	111.9	143.01	133.0	151.7
Beach	78	14,680	36	37.8	174.9	129.0	118.0	167.05	123.5	140.6
Buff*	76	16,755	34	38.5	149.9	106.9	107.6	135.47	107.3	121.5
CDC Dancer	78	15,778	36	36.5	158.9	118.8	114.2	147.27	116.5	130.6
CDC Minstrel	78	13,093	31	35.0	183.5	120.5	133.3	203.91	126.9	145.7
Furlong	78	10,946	34	35.5	184.3	139.2	130.3	193.02	134.7	151.3
HiFi	76	15,837	34	35.5	185.4	114.9	117.5	152.71	116.2	139.2
Horsepower	73	16,075	30	37.0	--	--	93.0	85.88	--	--
Hyttest	76	15,648	38	35.0	161.7	105.9	132.8	197.57	119.3	133.4
Jury	75	13,522	39	36.0	174.5	124.9	131.9	199.27	128.4	143.8
Killdeer	76	16,031	32	33.0	176.5	138.5	124.8	166.63	131.6	146.6
Leggett	78	13,872	32	36.3	177.2	139.5	117.8	162.56	128.6	144.8
Morton	76	14,497	37	37.5	159.1	126.9	130.5	199.34	128.7	138.8
Newburg	75	13,129	36	35.5	177.7	128.2	139.8	214.41	134.0	148.6
Otana	78	16,865	39	35.5	164.3	110.7	133.4	199.45	122.1	136.2
Rockford	77	15,798	37	37.8	188.2	139.4	129.7	196.90	134.6	152.5
Shelby 427	72	15,242	36	38.3	153.0	117.9	125.2	190.09	121.6	132.0
Souris	76	15,973	33	36.0	168.6	115.4	127.7	186.14	121.6	137.2
Stallion	76	15,656	36	35.8	156.3	141.0	147.5	237.25	144.2	148.2
Stark*	78	15,339	36	39.3	161.7	111.0	108.0	140.77	109.5	126.9
Trial Mean	76	14,809	35	36.4	169.7	123.0	122.9	173.37	--	--
CV %	1.1	4.7	4.6	2.5	--	--	8.8	--	--	--
LSD 0.10	1	1,182	2	1.6	--	--	12.8	--	--	--

Planting Date: April 3, 2012

Harvest Date: July 25, 2012

* Hulless

Previous Crop: Field Pea

Seeding Rate: 1 million live seeds/ac

¹Returns were calculated by multiplying the 2012 yield by the test weight discount paid at the Southwest Grain Terminal located in Gladstone on August 10. The price paid was \$2.95/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 \$175.80, the sum of all listed costs from the December 2011 Farm Management Planning Guide Projected 2012 Crop Budgets South West North Dakota for oats.

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	Plump % >6/64	----- Grain Yield-----			Returns ¹ \$/ac	----- Average Yield -----	
							2009*	2011	2012		2	3
							-----bu/ac-----			----bu/ac----		
Six Row												
Celebration	65	16,063	31	42.5	13.7	87	74.6	77.9	95.7	301.15	86.8	82.7
Innovation	65	13,610	30	44.8	13.1	90	--	84.0	97.2	323.99	90.6	--
Lacey	64	13,444	30	44.8	13.5	89	74.9	77.0	93.9	304.54	85.5	82.0
Quest	64	13,634	31	44.3	13.1	84	71.0	73.2	91.4	283.94	82.3	78.5
Stellar-ND	64	13,207	31	43.5	13.1	91	72.0	78.0	101.7	335.43	89.8	83.9
Tradition	65	14,658	30	44.3	13.3	86	72.5	85.7	78.5	216.03	82.1	78.9
Two Row												
AC Metcalfe	68	13,367	30	43.8	12.7	87	107.2	60.5	71.9	178.84	66.2	79.9
CDC Copeland	71	12,537	33	44.0	12.6	88	110.0	61.3	81.0	230.84	71.2	84.1
Conlon	62	11,832	27	44.8	12.5	92	74.5	65.4	72.8	186.98	69.1	70.9
Conrad	70	12,945	28	45.5	12.6	91	105.6	50.2	86.6	272.26	68.4	80.8
Haxby	67	11,341	28	46.8	11.8	90	105.0	82.4	86.6	270.98	84.5	91.3
Pinnacle	66	10,633	30	44.5	11.5	95	89.3	76.8	89.1	277.48	83.0	85.1
Rawson	65	9,298	30	45.3	12.0	97	81.4	60.9	93.2	316.47	77.1	78.5
Trial Mean	65	12,802	30	44.2	12.7	89	83.5	73.2	89.5	278.45	--	--
CV %	0.9	6.3	4.8	1.7	2.82	2.5	--	--	5.7	--	--	--
LSD 0.10	1	1,391	2	1.3	0.6	4	--	--	6.0	--	--	--

Planting Date: April 11, 2012

Harvest Date: July 23, 2012

Previous Crop: F Field Pea

Seeding Rate: 1.2 million live seeds/ac

* Note: 2009 trial received hail

¹Returns were calculated by multiplying the 2012 yields by the price paid for feed barley minus the test weight discount paid at the Southwest Grain Terminal located at Gladstone on August 10. The price paid on this date was \$5.60/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 \$201.02, the sum of all listed costs from the December 2011 Farm Management Planning Guide Projected 2012 Crop Budgets South West North Dakota for barley.

Variety	Days	Bloom	Seeds	Plant	Test	Protein	--Grain Yield--			Returns ¹	Average Yield	
	to						Duration	per	Height		Weight	2010
	Bloom		Pound	in	lbs/bu	%	-----bu/ac-----			\$/ac	--bu/ac--	
Yellow Types												
Agassiz	88	19	1,853	22	63.6	23.4	57.0	50.3	38.4	354.23	44.3	--
DS Admiral	86	17	1,762	26	64.5	25.2	55.6	45.6	39.0	362.16	42.3	46.7
CDC Golden	87	19	2,060	24	65.1	25.0	61.3	47.5	39.6	371.53	43.5	49.4
Green Types												
Cruiser	87	20	1,992	25	63.6	25.6	53.0	36.1	33.8	309.11	34.9	41.0
CDC Striker	85	17	2,208	21	64.4	24.1	57.6	43.0	38.2	374.81	40.6	46.3
Majoret	86	17	2,022	24	64.5	26.1	54.6	45.4	37.7	366.80	41.5	45.9
Trial Mean	86	18	1,983	24	64.3	24.9	58.2	45.5	37.8	356.44	--	--
CV %	0.3	4.0	5.0	7.6	0.9	2.7	--	--	8.7	--	--	--
LSD 0.10	0	1	123	2	0.7	0.8	--	--	NS	--	--	--

Planting Date: April 4, 2012

Harvest Date: July 19, 2012

Previous Crop: Oat

Seeding Rate: 325,000 live seeds/ac

Grain protein percentages reported on a 0% moisture basis

¹Returns were calculated by multiplying the 2012 yield by the average price for yellow (\$14.38/bu) and green (\$15.00/bu) peas listed on the Northern Pulse Growers Association web site (<http://northernpulse.com/>) on August 14, 2012. Returns also deduct \$198.15, the sum of all listed costs from the December 2011 Farm Management Planning Guide Projected 2012 Crop Budgets South West North Dakota for Field Pea.

Variety	Days	Bloom Duration	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	---Grain Yield---		Returns ¹ \$/ac	Average Yield ---lbs/ac---
	to Bloom						2011	2012		
Large Green Types										
CDC Greenland	69	21	7,251	12	58.9	24.4	2,006	1,616	75.55	1,811
Pennell	74	17	6,565	12	55.9	25.9	2,239	1,708	91.14	1,974
Riveland	65	25	6,647	13	57.0	25.3	2,043	1,430	43.94	1,737
Medium Green Type										
CDC Richlea	68	22	8,453	12	59.8	23.5	2,292	1,907	124.95	2,099
Small Green Type										
CDC Viceroy	71	19	13,893	11	63.0	25.6	2,364	1,736	95.95	2,050
Essex	67	23	10,385	12	61.3	24.9	--	1,730	94.88	--
Small French Green Type										
CDC Lemay	68	21	13,896	12	62.6	24.5	2,084	1,627	77.37	1,855
Medium Red Type										
CDC Red Rider	66	25	9,950	12	61.9	24.0	2,501	1,899	123.68	2,200
Small Red Types										
CDC Redberry	68	22	9,940	11	61.9	24.0	2,220	1,856	116.24	2,038
CDC Rouleau	69	21	11,426	12	61.3	24.0	2,135	1,780	103.30	1,957
Extra Small Red Type										
CDC Rosetown	73	18	15,039	13	62.9	25.8	2,375	1,738	96.16	2,056
Spanish Brown Type										
Morena	65	24	11,410	12	62.9	25.7	--	1,752	98.60	--
Trial Mean	68	22	11,004	12	61.0	25.1	2,226	1,706	90.73	--
CV %	1.8	5.6	2.5	8.7	0.8	1.8	--	10	--	--
LSD 0.10	1	1	329	NS	0.5	0.5	--	198	--	--

Planting Date: April 4, 2012

Harvest Date: July 26, 2012

Previous Crop: Oat

Seeding Rate: 600,000 live seeds/ac

Grain protein percentages reported on a 0% moisture basis

¹Returns were calculated by multiplying the 2012 yield by the average price for lentils (\$.17/lb) listed on the Northern Pulse Growers Association web site (<http://northernpulse.com/>) on August 14, 2012. Returns also deduct \$199.22, the sum of all listed costs from the December 2011 Farm Management Planning Guide Projected 2012 Crop Budgets South West North Dakota for Lentil.

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 ¹ \$/ac	Year 2	Year 3
						-----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	--	--	--

Planting Date: April 2, 2012

Harvest Date: July 30, 2012

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

¹Returns 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 [-\$.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.

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	-----Grain Yield-----			Returns ¹ \$/ac	Average Yield	
				2010	2011	2012		2	3
				-----bu/ac-----				----bu/ac----	
Alkabo	13,055	59.3	13.1	48.4	25.5	53.0	155.26	39.2	42.3
Carpio	12,293	55.5	14.1	47.7	29.3	53.1	143.27	41.2	43.4
Divide	12,394	59.3	13.7	44.1	30.8	54.8	167.60	42.8	43.2
Grenora	13,442	57.8	13.8	49.3	30.4	53.7	155.71	42.0	44.4
Tioga	12,743	59.0	13.1	46.1	34.6	52.7	153.27	43.6	44.5
Trial Mean	12,955	57.9	13.5	48.4	30.5	53.7	156.00	--	--
CV %	2.4	0.8	3.0	--	--	4.5	--	--	--
LSD 0.10	634	1.0	NS	--	--	NS	--	--	--

Planting Date: April 24, 2012

Harvest Date: August 6, 2012

Previous Crop: Spring Wheat

Seeding Rate: 1.2 million live seeds/ac

¹Returns were calculated by multiplying the 2012 yield by the test weight discount paid at the Southwest Grain Terminal located at Gladstone on August 10. The price paid on this date was \$6.90/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 \$208.05, the sum of all listed costs from the December 2011 Farm Management Planning Guide Projected 2012 Crop Budgets South West North Dakota for durum.

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	-----Grain Yield-----			Returns ¹ \$/ac	Average Yield	
				2010	2011	2012		2	3
				-----bu/ac-----				----bu/ac----	
Alkabo	11,706	60.8	13.0	52.4	43.9	65.9	246.78	54.9	54.1
Carpio	12,278	59.5	13.6	56.1	45.0	64.7	236.81	54.8	--
Divide	11,549	60.0	13.3	56.9	49.1	63.6	230.87	56.4	56.6
Grenora	11,242	59.3	13.2	57.2	44.8	63.5	227.58	54.1	55.2
Tioga	11,104	60.5	13.6	60.6	49.3	66.2	248.84	57.7	58.7
Trial Mean	11,628	60.0	13.2	56.9	47.1	65.6	243.60	--	--
CV %	1.9	0.5	1.4	--	--	4.0	--	--	--
LSD 0.10	441	0.6	0.4	--	--	NS	--	--	--

Planting Date: April 17, 2012

Harvest Date: August 6, 2012

Previous Crop: Spring Wheat

Seeding Rate: 1.2 million live seeds/ac

¹Returns were calculated by multiplying the 2012 yield by the test weight discount paid at the Southwest Grain Terminal located at Gladstone on August 10. The price paid on this date was \$6.90/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 \$208.05, the sum of all listed costs from the December 2011 Farm Management Planning Guide Projected 2012 Crop Budgets South West North Dakota for durum.

Variety	Seeds per Pound	Test Weight lbs/bu	% Plump >6/64	Protein %	-----Grain Yield-----			Returns ¹ \$/ac	Average Yield	
					2010	2011	2012		2	3
					-----bu/ac-----				----bu/ac----	
Six Row										
Celebration	13,440	46.0	96	13.2			72.2	201.93	--	--
Innovation	12,563	47.0	95	12.9	--	58.4	69.1	186.17	63.7	--
Quest	12,871	46.8	92	12.7	--	56.6	67.1	173.49	61.8	--
Two Row										
Conlon	11,499	47.0	98	12.2	51.7	38.1	58.7	126.67	48.4	49.5
Pinnacle	10,525	47.8	98	11.4	56.4	47.4	68.1	180.07	57.7	57.3
Rawson	9,566	46.5	98	11.5	53.3	49.0	58.0	123.41	53.5	53.4
Trial Mean	11,744	46.8	96	12.3	54.3	50.2	65.5	165.29	--	--
CV %	5.0	0.8	0.5	2.0	--	--	6.0	--	--	--
LSD 0.10	1,087	0.7	1	0.5	--	--	4.9	--	--	--

Planting Date: April 17, 2012

Harvest Date: August 6, 2012

Previous Crop: Spring Wheat

Seeding Rate: 1.2 million live seeds/ac

¹Returns were calculated by multiplying the 2012 yields by the price paid for feed barley minus the test weight discount paid at the Southwest Grain Terminal located at Gladstone on August 10. The price paid on this date was \$5.60/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 \$201.02, the sum of all listed costs from the December 2011 Farm Management Planning Guide Projected 2012 Crop Budgets South West North Dakota for barley.

Variety	Seeds per Pound	Test Weight lbs/bu	% Plump >6/64	Protein %	-----Grain Yield-----			Returns ¹ \$/ac	Average Yield	
					2010	2011	2012		2010	2011
Six Row										
Celebration	15,172	47.3	97	13.2	--	--	86.7	275.06	--	--
Innovation	13,463	47.8	97	12.2	--	59.1	90.2	297.45	74.6	--
Quest	13,851	48.0	94	12.7	--	58.7	78.7	234.68	68.7	--
Two Row										
Conlon	10,274	48.5	95	12.5	26.0	39.3	76.9	227.82	58.1	47.4
Pinnacle	10,839	48.8	97	11.6	41.8	49.5	88.1	288.66	68.8	59.8
Rawson	9,482	47.5	98	11.8	41.0	55.2	79.8	244.50	67.5	58.6
Trial Mean	12,180	48.0	96	12.3	41.6	48.6	83.4	261.36	--	--
CV %	2.6	0.6	0.6	1.8	--	--	5.5	--	--	--
LSD 0.10	635	0.5	1	0.5	--	--	5.7	--	--	--

Planting Date: April 24, 2012

Harvest Date: August 6, 2012

Previous Crop: Spring Wheat

Seeding Rate: 1.2 million live seeds/ac

¹Returns were calculated by multiplying the 2012 yields by the price paid for feed barley minus the test weight discount paid at the Southwest Grain Terminal located at Gladstone on August 10. The price paid on this date was \$5.60/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 \$201.02, the sum of all listed costs from the December 2011 Farm Management Planning Guide Projected 2012 Crop Budgets South West North Dakota for barley.

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	----- Grain Yield-----			Returns ¹ \$/ac	----- Average Yield -----	
				2010	2011	2012		2	3
				-----bu/ac-----				----bu/ac----	
Barlow	13,834	60.8	14.4	49.5	30.7	61.8	326.10	46.2	47.3
Elgin	13,981	60.0	14.5	--	--	65.2	354.92	--	--
Glenn	13,642	61.0	14.0	44.3	27.1	64.4	346.87	45.8	45.3
Mott	14,338	60.5	14.0	47.9	37.1	64.6	348.14	50.9	49.9
Prosper	13,053	60.8	12.9	--	32.0	66.0	348.15	49.0	--
Sabin	14,380	60.3	13.5	--	35.0	61.3	315.14	48.2	--
Select	12,817	62.0	13.5	--	--	55.0	262.81	--	--
Steele-ND	13,545	63.3	14.5	41.7	28.8	56.7	282.67	42.8	42.4
Velva	14,446	59.5	13.7	--	33.6	67.9	372.29	50.8	--
Trial Mean	13,782	60.9	13.9	38.3	31.7	62.6	328.56	--	--
CV %	2.1	0.6	3.7	--	--	4.3	--	--	--
LSD 0.10	541	0.7	NS	--	--	3.2	--	--	--

Planting Date: April 17, 2012

Harvest Date: August 6, 2012

Previous Crop: Spring Wheat

Seeding Rate: 1.2 million live seeds/ac

¹Returns 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 [-\$.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 \$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.

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	----- Grain Yield-----			Returns ¹ \$/ac	----- Average Yield -----	
				2010	2011	2012		2	3
				-----bu/ac-----				----bu/ac----	
Barlow	16,421	59.5	14.5	38.1	29.4	60.7	309.77	45.0	42.7
Elgin	16,808	57.8	14.6	--	--	65.1	354.55	--	--
Glenn	16,658	57.8	14.7	35.8	27.6	60.4	314.51	44.0	41.3
Mott	18,032	58.5	14.2	42.2	30.2	57.4	288.48	43.8	43.3
Prosper	15,773	57.0	13.2	--	27.9	55.3	261.04	41.6	--
Sabin	15,541	59.8	14.2	--	32.7	61.7	324.79	47.2	--
Select	15,693	60.3	13.5	--	--	65.1	346.74	--	--
Steele-ND	15,727	61.8	14.5	36.6	23.8	59.3	305.23	41.5	39.9
Velva	15,513	55.3	14.1	--	32.2	56.2	268.34	44.2	--
Trial Mean	16,241	58.6	14.2	38.3	28.2	60.1	308.16	--	--
CV %	5.1	1.2	2.0	--	--	6.5	--	--	--
LSD 0.10	NS	1.3	0.5	--	--	4.7	--	--	--

Planting Date: April 24, 2012

Harvest Date: August 6, 2012

Previous Crop: Spring Wheat

Seeding Rate: 1.2 million live seeds/ac

¹Returns 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 [-\$.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 \$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.

Variety	Seeds		Plant Height in	Test Weight lbs/bu	Protein %	----- Grain Yield-----				----- Average Yield-----	
	Heading Date	per Pound				2009	2011	2012	Returns ¹ \$/ac	2 Year bu/ac	3 Year bu/ac
	June					-----bu/ac-----					
Accipiter	9	18,439	31	54.8	14.8	68.5	40.6	60.3	263.26	50.5	56.5
Art	5	17,829	28	57.3	14.4	55.8	65.4	60.3	270.54	62.8	60.5
Boomer	8	17,129	33	54.8	14.1	70.9	37.0	66.4	309.12	51.7	58.1
AC Broadview	7	16,258	30	56.0	13.8	--	--	70.3	342.85	--	--
CDC Falcon	7	17,726	29	55.0	14.4	70.4	48.6	68.3	325.06	58.5	62.4
Carter	7	18,275	27	55.8	14.6	--	46.8	63.2	289.20	55.0	--
Darrell	6	13,979	32	57.5	13.5	71.8	54.2	67.7	326.64	60.9	64.6
Decade	5	15,104	30	57.8	14.4	70.4	48.6	70.1	350.34	59.4	63.0
Hawken	4	13,135	27	56.8	14.0	61.7	41.1	62.0	281.13	51.5	54.9
Ideal	7	16,897	29	57.5	13.9	73.2	46.7	62.7	288.56	54.7	60.9
Jerry	8	14,202	34	56.5	14.1	58.9	39.1	66.0	311.87	52.5	54.7
Lyman	6	12,221	31	57.8	14.0	61.4	55.6	67.9	332.39	61.8	61.7
McGill	5	16,023	31	55.5	13.3	--	--	60.0	258.39	--	--
Overland	6	14,071	31	57.5	13.5	72.1	50.5	75.4	388.62	62.9	66.0
Peregrine	9	16,555	37	56.8	14.5	68.2	42.7	54.9	226.21	48.8	55.3
Robidoux	4	15,863	29	57.0	13.7	--	--	66.4	315.54	--	--
SY Wolf	5	15,120	28	57.0	13.7	--	61.8	65.8	311.03	63.8	--
WB-Matlock	8	15,406	33	57.8	14.2	--	28.8	70.6	354.25	49.7	--
Wesley	4	14,521	26	56.5	14.6	57.3	47.8	51.8	200.07	49.8	52.3
Trial Mean	6	15,557	30	56.6	14.1	65.0	46.7	64.6	301.4	--	--
CV %	12.5	5.3	5.2	1.3	1.9	--	--	9.5	--	--	--
LSD 0.10	1	1,409	2	1.3	0.5	--	--	7.3	--	--	--

Planting Date: September 26, 2011

Harvest Date: July 26, 2012

Previous Crop: Pea

Seeding Rate: 1 million live seeds/ac

¹Returns 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 \$7.99/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 \$0.04/bu for each 0.2% reduction in grain protein from 12% to 9%, 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 54 lb/bu; and -\$.05/bu for 0.5 lb/bu between 54 and 52 lb/bu]. Returns also deduct \$214.61, the sum of all listed costs from the December 2011 Farm Management Planning Guide Projected 2012 Crop Budgets South West North Dakota for winter wheat.

2012 Durum - Recrop

Dickinson, ND

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	----- Grain Yield-----			Average Yield		
						2009	2010	2012	Returns ¹ \$/ac	2 Year	3 Year
						-----bu/ac-----			----bu/ac----		
AC Commander	76	13,480	30	59.3	16.3	93.3	62.0	61.2	213.25	61.6	72.2
AC Navigator	77	13,533	31	60.0	16.4	83.9	51.8	52.0	150.54	51.9	62.5
Alkabo	76	12,946	33	60.5	15.8	75.0	50.7	52.8	156.40	51.8	59.5
Alzada	69	12,797	28	59.3	15.6	69.4	53.2	49.3	131.41	51.3	57.3
Ben	77	12,703	35	59.8	16.1	75.6	50.0	59.7	204.10	54.9	61.8
CDC Verona	77	13,111	34	59.5	17.2	87.0	56.8	52.2	151.37	54.5	65.3
Carpio	78	12,803	32	59.5	15.8	87.7	59.0	56.4	179.82	57.7	67.7
DG Max	76	11,999	35	61.0	15.9	87.2	55.1	57.1	186.18	56.1	66.5
DG Star	74	12,999	33	59.0	15.9	80.4	51.5	53.5	160.07	52.5	61.8
Dilse	78	13,041	34	59.8	16.4	84.4	58.0	59.3	201.43	58.7	67.3
Divide	77	12,417	33	60.5	15.3	87.1	51.8	59.1	200.08	55.5	66.0
Grande D'oro	76	12,600	32	60.5	15.8	--	53.4	56.3	180.67	54.9	--
Grenora	76	12,979	32	59.5	15.2	89.6	56.0	61.2	213.19	58.6	69.0
Lebsock	76	13,549	34	60.5	15.2	77.9	52.8	64.8	239.08	58.8	65.2
Maier	76	13,541	34	60.0	15.4	85.3	57.3	60.3	207.80	58.8	67.6
Mountrail	76	14,762	33	58.0	16.1	92.2	58.1	59.1	195.86	58.6	69.8
Pierce	76	13,707	34	60.3	15.8	87.7	54.3	58.5	195.78	56.4	66.9
Rugby	76	13,349	36	59.8	16.2	--	44.7	54.1	165.19	49.4	--
Strongfield	77	13,449	33	58.5	17.2	78.0	57.3	55.1	169.66	56.2	63.5
Tioga	76	11,997	35	60.0	16.1	82.3	56.0	56.0	178.13	56.0	64.8
WB-Belfield	69	13,999	28	59.8	15.7	--	--	38.9	60.70	--	--
Wales	77	12,498	32	60.0	16.3	92.7	60.1	54.5	168.24	57.3	69.1
Westhope	76	13,111	32	59.5	16.6	--	57.4	56.8	182.47	57.1	--
Trial Mean	76	13,300	33	59.9	16.0	85.2	56.7	56.5	181.53	--	--
CV %	1.1	4.9	4.8	0.9	2.6	--	--	8.1	--	--	--
LSD 0.10	1	1,102	2	0.9	0.7	--	--	5.3	--	--	--

Planting Date: April 3, 2012

Harvest Date: July 30, 2012

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

¹Returns were calculated by multiplying the 2012 yield by the test weight discount paid at the Southwest Grain Terminal located at Gladstone on August 10. The price paid on this date was \$6.90/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 \$208.05, the sum of all listed costs from the December 2011 Farm Management Planning Guide Projected 2012 Crop Budgets South West North Dakota for durum.