

Variety	Days to Head	Seeds per Pound	Plant Height in	Lodging Score 0-9	Test Weight lbs/bu	----- Grain Yield-----			Average Yield	
						2008	2009	2010	2 Year	3 Year
						-----bu/ac-----			----bu/ac----	
AC Pinnacle	73	14,895	39	1.0	34.4	55.2	213.3	189.2	201.2	152.5
Beach	72	15,313	41	0.0	37.9	51.2	167.8	174.9	171.3	131.3
Buff*	69	17,480	38	0.5	37.6	48.9	151.2	149.9	150.5	116.7
CDC Dancer	72	15,918	41	0.5	34.9	57.8	172.9	158.9	165.9	129.9
CDC Minstrel	71	14,513	38	0.0	33.4	52.1	188.9	183.5	186.2	141.5
Furlong	73	11,724	39	0.5	34.3	57.4	182.1	184.3	183.2	141.3
HiFi	70	15,486	40	0.8	35.7	50.7	174.8	185.4	180.1	137.0
Hystest	69	13,919	41	1.3	37.5	57.0	151.0	161.7	156.4	123.3
Jerry	69	16,283	40	2.0	35.8	53.5	157.5	151.3	154.4	120.8
Killdeer	70	15,416	37	0.5	35.7	56.3	199.5	176.5	188.0	144.1
Leggett	72	14,496	38	1.3	35.0	--	194.2	177.2	185.7	--
Maida	71	14,539	39	0.5	34.9	50.4	164.6	162.3	163.4	125.8
Monida	73	17,380	39	0.5	33.7	60.1	179.2	185.5	182.4	141.6
Morton	71	15,624	41	0.3	35.6	49.2	162.8	159.1	161.0	123.7
Otana	72	16,881	41	0.5	36.7	66.0	167.9	164.3	166.1	132.7
Paul*	73	16,358	41	1.3	37.7	33.7	139.5	150.7	145.1	108.0
Rockford	72	15,660	41	0.8	37.5	51.5	187.1	188.2	187.7	142.3
Shelby 427	68	16,680	39	1.0	37.6	--	--	153.0	--	--
Souris	70	15,546	37	0.8	34.9	55.9	175.1	168.6	171.8	133.2
Stallion	70	16,489	41	2.5	37.1	61.8	170.9	156.3	163.6	129.7
Stark*	74	17,039	42	2.0	38.4	39.9	149.1	161.7	155.4	116.9
Streaker*	68	17,215	39	3.5	42.0	--	--	115.0	--	--
Youngs	73	12,493	41	1.5	34.2	52.1	178.9	165.1	172.0	132.1
Trial Mean	71	15,107	40	1	36.0	52.8	173.0	169.7	--	--
CV %	0.9	6.5	2.3	68.3	2.4	9.3	6.0	7.2	--	--
LSD 0.05	1	1,982	1	1	1.2	6.9	14.6	17.1	--	--

Planting Date: April 21, 2010

Harvest Date: August 11, 2010

\* Hulless

Previous Crop: Field Pea

Seeding Rate: 1 million live seeds/ac

## 2010 Durum - Recrop

Dickinson, ND

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	----- Grain Yield-----			Average Yield	
						2008	2009	2010	2 Year	3 Year
						-----bu/ac-----			----bu/ac----	
AC Commander	75	11,471	31	58.5	13.9	12.3	93.3	62.0	77.7	55.9
AC Napoleon	74	11,412	37	58.5	14.2	13.8	82.6	54.8	68.7	50.4
AC Navigator	72	12,397	32	59.2	14.1	12.7	83.9	51.8	67.8	49.5
Alkabo	75	12,442	34	60.0	13.2	13.5	75.0	50.7	62.8	46.4
Alzada	71	11,736	29	53.9	13.8	17.5	69.4	53.2	61.3	46.7
Ben	74	11,798	37	58.8	14.4	13.2	75.6	50.0	62.8	46.2
CDC Verona	76	11,860	35	60.8	14.5	--	87.0	56.8	71.9	--
DG Max	74	11,797	37	59.3	14.0	12.5	87.2	55.1	71.2	51.6
DG Star	72	12,345	35	58.1	14.3	11.2	80.4	51.5	66.0	47.7
Dilse	76	11,894	35	58.3	15.5	13.6	84.4	58.0	71.2	52.0
Divide	75	11,500	36	59.6	14.1	16.6	87.1	51.8	69.5	51.8
Grande D'oro	74	12,726	34	60.2	13.6	--	--	53.4	--	--
Grenora	74	12,151	32	58.8	13.8	13.7	89.6	56.0	72.8	53.1
Lebsock	74	12,795	34	60.2	13.9	15.0	77.9	52.8	65.4	48.6
Maier	74	13,213	35	58.6	13.4	14.7	85.3	57.3	71.3	52.4
Mountrail	75	12,322	35	58.5	13.5	12.4	92.2	58.1	75.1	54.2
Pierce	74	12,378	36	59.8	13.9	17.5	87.7	54.3	71.0	53.2
Rugby	73	12,349	38	59.9	14.3	--	--	44.7	--	--
Strongfield	76	11,953	36	57.9	14.8	13.2	78.0	57.3	67.7	49.5
Tioga	74	11,299	37	60.7	14.1	14.3	82.3	56.0	69.1	50.9
Wales	75	12,296	35	57.1	14.5	14.2	92.7	60.1	76.4	55.7
Westhope	74	11,707	34	57.9	13.9	--	--	57.4	--	--
Trial Mean	74	12,114	35	59.6	14.1	13.6	85.2	56.7	--	--
CV %	0.9	5.1	4.0	1.8	2.8	19.5	7.5	6.2	--	--
LSD 0.05	1	1,247	2	1.5	0.8	NS	8.9	4.9	--	--

Planting Date: April 20, 2010

Harvest Date: August 16, 2010

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

Note: Trial received slight hail damage

**2010 White Spring Wheat - Recrop**

**Dickinson, ND**

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	-----Grain Yield-----			-----Average Yield-----	
						2008	2009	2010	2008-2010 Year	2008-2010 Year
						-----bu/ac-----			-----bu/ac-----	
AC Karma	70	16,102	32	59.5	11.2	29.6	78.3	47.5	62.9	51.8
AC Snowbird	70	17,684	37	59.2	13.3	26.2	59.0	32.4	45.7	39.2
AC Snowstar	70	17,806	37	61.0	11.8	--	50.1	34.3	42.2	--
AC Vista	70	13,814	34	59.0	10.6	28.0	66.1	50.7	58.4	48.3
Agawam	68	14,657	31	61.2	10.8	24.8	75.2	47.5	61.4	49.2
Alpine	71	15,812	34	61.3	11.1	34.0	79.8	55.7	67.8	56.5
Diamond	70	16,235	36	61.7	11.0	28.1	61.7	41.4	51.6	43.7
Glenn (hrsw)	69	15,799	37	63.5	12.7	27.5	52.1	34.8	43.4	38.1
Golden 86	69	14,338	29	60.2	11.1	24.4	72.8	39.2	56.0	45.5
Kantana	70	19,901	37	59.0	14.1	24.7	48.7	28.2	38.5	33.9
Lochsa	71	15,625	32	55.8	10.9	27.5	64.5	42.3	53.4	44.8
Lolo	71	15,302	33	60.7	11.2	29.8	76.0	45.2	60.6	50.3
Otis	72	15,326	36	61.2	10.7	27.8	79.5	49.2	64.3	52.2
Penewawa	72	17,976	28	58.0	9.4	29.1	80.5	37.1	58.8	48.9
Reeder (hrsw)	71	14,525	32	61.5	11.3	26.8	67.0	50.6	58.8	48.1
Snow Crest	67	17,617	26	57.8	11.9	25.1	68.8	35.8	52.3	43.2
Steele-ND (hrsw)	70	16,452	35	60.8	12.2	26.7	57.7	46.0	51.8	43.4
Waikea	70	13,822	31	56.8	11.3	27.7	71.1	49.3	60.2	49.4
Trial Mean	70	15,904	33	59.9	11.5	27.6	67.5	43.3	--	--
CV %	1.2	3.3	5.3	0.9	2.0	6.8	11.2	9.1	--	--
LSD 0.05	1	1,105	3	0.9	0.5	2.7	12.5	6.5	--	--

Planting Date: April 19, 2010

Harvest Date: August 12, 2010

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

Note: Trial received slight hail damage

**2010 Hannover Durum - Recrop**

**Dickinson, ND**

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	-----Grain Yield-----			Average Yield	
				2008	2009	2010	2	3
				-----bu/ac-----			----bu/ac----	
Alkabo	13,270	60.6	14.6	34.3	62.1	48.4	55.3	48.3
Divide	13,401	58.9	14.6	34.2	60.9	44.1	52.5	46.4
Grenora	12,557	59.5	14.9	35.6	61.4	49.3	55.3	48.7
Tioga	11,985	59.6	14.5	--	66.1	46.1	56.1	--
Trial Mean	12,707	60.0	14.4	33.1	63.0	48.4	--	--
CV %	4.0	1.0	1.7	10.0	3.2	5.6	--	--
LSD 0.05	NS	0.9	0.6	NS	3.0	4.1	--	--

Planting Date: May 17, 2010

Harvest Date: August 24, 2010

Previous Crop: Wheat

Seeding Rate: 1.2 million live seeds/ac

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	-----Grain Yield-----			Average Yield	
				2008	2009	2010	2	3
				-----bu/ac-----			----bu/ac----	
Alkabo	12,360	61.9	13.6	36.4	68.8	52.4	60.60	52.5
Divide	11,959	61.1	13.4	42.9	64.8	56.9	60.89	54.9
Grenora	12,228	61.1	13.9	37.6	69.5	57.2	63.35	54.8
Tioga	10,983	62.0	13.5	--	80.1	60.6	70.31	--
Trial Mean	11,881	61.6	13.4	37.0	71.7	56.9	--	--
CV %	2.2	0.8	4.0	23.1	10.0	7.1	--	--
LSD 0.05	671	NS	NS	NS	NS	NS	--	--

Planting Date: May 17, 2010

Harvest Date: August 24, 2010

Seeding Rate: 1.2 million live seeds/ac

**2010 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 -----	
						2008	2009	2010	2 Year	3 Year
						-----bu/ac-----			----bu/ac----	
Alsen	70	16,011	37	59.8	15.7	29.5	70.6	52.8	61.7	50.9
Barlow	70	15,753	37	60.1	15.3	28.6	69.4	59.2	64.3	52.4
Blade	72	14,811	34	61.1	15.1	34.7	77.8	60.0	68.9	57.5
Breaker	72	14,480	34	60.9	15.1	36.4	78.7	55.3	67.0	56.8
Brennan	71	16,305	30	60.6	14.7	35.1	74.8	59.4	67.1	56.4
Brick	68	16,676	37	60.6	14.7	32.8	63.1	49.0	56.1	48.3
Briggs	70	15,273	39	60.3	15.2	29.6	70.5	41.5	56.0	47.2
Brogan	72	16,569	32	60.3	15.3	--	74.6	56.8	65.7	--
Choteau	71	15,294	34	60.0	15.0	34.2	78.5	60.1	69.3	57.6
Edge	71	16,171	34	58.8	14.5	--	--	57.1	--	--
Faller	71	15,977	35	57.5	14.8	29.8	85.3	50.2	67.8	55.1
Freyr	71	16,000	34	59.6	15.1	33.7	72.5	58.0	65.2	54.7
Glenn	69	15,150	37	62.3	15.4	31.0	61.2	47.6	54.4	46.6
Howard	71	15,921	37	60.4	14.8	30.9	77.3	57.0	67.1	55.0
Jenna	73	13,188	34	59.5	14.8	35.2	81.1	60.5	70.8	58.9
Kelby	70	16,028	30	59.9	15.0	34.2	73.7	55.8	64.8	54.6
Knudson	72	15,571	34	58.9	14.0	32.2	87.8	55.3	71.5	58.4
Kuntz	71	18,707	30	58.9	14.5	31.3	78.2	55.6	66.9	55.0
Mott	73	17,594	37	60.8	14.8	34.0	78.7	41.0	59.9	51.2
Parshall	70	16,233	39	60.4	15.4	31.4	66.8	42.3	54.5	46.8
RB07	70	17,308	33	59.3	14.3	37.2	78.2	57.4	67.8	57.6
Reeder	74	17,247	39	61.0	15.7	28.4	72.0	44.6	58.3	48.3
Sabin	71	17,319	34	59.8	15.3	--	80.0	61.3	70.6	--
Samson	72	18,213	31	57.9	13.9	34.6	82.7	51.8	67.3	56.4
Select	68	15,860	36	60.1	14.4	31.0	65.0	52.8	58.9	49.6
Steele-ND	70	15,711	37	60.4	15.2	30.4	75.3	58.1	66.7	54.6
Tom	71	14,140	35	60.0	14.6	32.3	76.8	60.4	68.6	56.5
Vantage	74	15,557	32	62.8	16.7	33.0	72.5	52.7	62.6	52.7
WB-Digger	70	14,904	35	58.6	14.1	--	--	60.5	--	--
Trial Mean	71	15,760	35	59.8	15.0	32.1	74.9	54.4	--	--
CV %	0.8	4.7	3.1	0.9	1.8	10.5	7.5	5.3	--	--
LSD 0.05	1	1,501	2	0.8	0.5	4.7	7.8	4.1	--	--

Planting Date: April 20, 2010  
 Harvest Date: August 16, 2010  
 Previous Crop: Field Pea  
 Seeding Rate: 1.2 million live seeds/ac  
 Note: Trial received slight hail damage

Variety	Seeds per Pound	Test Weight lbs/bu	% Plump >6/64	Protein %	---Grain Yield---		Average Yield bu/ac
					2009	2010	
<b>Six Row</b>							
Celebration	13,767	46.0	95.5	11.4	126.2	54.3	90.3
Stellar-ND	12,160	45.5	95.0	11.6	132.1	53.8	93.0
Tradition	12,620	46.9	95.3	11.3	121.1	56.2	88.7
<b>Two Row</b>							
Conlon	12,257	45.6	95.0	11.2	--	51.7	--
Pinnacle	11,159	47.0	94.5	11.2	125.3	56.4	90.8
Rawson	9,981	46.5	97.2	10.7	122.0	53.3	87.6
Trial Mean	11,991	46.3	95.4	11.2	125.3	54.3	--
CV %	3.0	1.3	1.5	4.9	4.7	19.0	--
LSD 0.05	934	0.9	NS	NS	NS	NS	--

Planting Date: May 17, 2010

Harvest Date: August 24, 2010

Previous Crop: Wheat

Seeding Rate: 1.2 million live seeds/ac

**2010 Hannover Barley - Recrop**

**Dickinson, ND**

Variety	Seeds per Pound	Test Weight lbs/bu	% Plump >6/64	Protein %	---Grain Yield---		Average Yield bu/ac
					2009	2010	
<b>Six Row</b>							
Celebration	15,521	44.9	90.6	14.1	112.1	48.6	80.4
Stellar-ND	13,018	45.5	93.4	13.4	111.3	48.1	79.7
Tradition	15,228	45.9	88.7	13.5	113.2	44.2	78.7
<b>Two Row</b>							
Conlon	13,548	45.9	90.1	13.9	--	26.0	--
Pinnacle	13,809	42.8	86.7	13.1	107.9	41.8	74.8
Rawson	12,656	42.8	87.1	12.9	98.8	41.0	69.9
Trial Mean	13,963	44.6	89.4	13.5	108.6	41.6	--
CV %	3.8	1.7	2.7	2.7	3.0	7.8	--
LSD 0.05	1,378	1.2	NS	NS	5.0	4.9	--

Planting Date: May 17, 2010  
 Harvest Date: August 24, 2010  
 Previous Crop: Wheat  
 Seeding Rate: 1.2 million live seeds/ac



**2010 Glen Ullin Spring Wheat - Fallow**

**Dickinson, ND**

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	----- Grain Yield-----			Average Yield	
				2008	2009	2010	2 Year	3 Year
				-----bu/ac-----			----bu/ac----	
Barlow	16,369	61.4	15.4	51.0	73.2	49.5	61.4	57.9
Brennan	18,402	61.0	15.5	--	--	43.7	--	--
Brick	16,292	61.9	15.4	--	64.8	41.6	53.2	--
Faller	17,828	58.4	14.8	46.1	80.0	44.4	62.2	56.8
Glenn	15,541	64.1	15.7	40.5	65.9	44.3	55.1	50.2
Howard	17,627	59.8	15.1	42.1	68.2	40.0	54.1	50.1
Mott	17,684	62.3	14.7	48.6	82.4	47.9	65.1	59.6
Steele-ND	16,957	60.5	15.5	42.9	68.3	41.7	55.0	51.0
Trial Mean	17,087	61.2	15.3	45.2	71.9	44.1	--	--
CV %	4.4	0.7	1.1	6.8	8.2	6.9	--	--
LSD 0.05	NS	0.6	0.4	5.2	8.6	4.5	--	--

Planting Date: May 17, 2010

Harvest Date: August 24, 2010

Seeding Rate: 1.2 million live seeds/ac

**2010 Hannover Spring Wheat - Recrop**

**Dickinson, ND**

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	----- Grain Yield-----			Average Yield	
				2008	2009	2010	2 Year	3 Year
				-----bu/ac-----			----bu/ac----	
Barlow	16,305	60.5	15.5	33.8	54.7	38.1	46.4	42.2
Brennan	17,584	60.0	15.8	--	--	38.7	--	--
Brick	17,188	61.4	14.8	--	46.7	34.9	40.8	--
Faller	15,524	59.3	14.5	30.9	54.1	41.0	47.6	42.0
Glenn	14,904	63.4	15.6	29.2	47.6	35.8	41.7	37.5
Howard	17,194	60.4	15.4	30.3	46.6	38.9	42.7	38.6
Mott	18,298	61.9	14.6	35.7	63.9	42.2	53.1	47.3
Steele-ND	16,521	60.4	15.4	29.4	43.7	36.6	40.1	36.6
Trial Mean	16,690	60.9	15.2	31.7	51.2	38.3	--	--
CV %	5.4	0.5	1.3	9.9	6.5	5.6	--	--
LSD 0.05	NS	0.4	0.5	NS	4.8	3.1	--	--

Planting Date: May 17, 2010

Harvest Date: August 24, 2010

Previous Crop: Wheat

Seeding Rate: 1.2 million live seeds/ac

## 2010 Field Pea - Recrop

Dickinson, ND

Variety	Days	Bloom Duration	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Lodging Score 0-9	Protein %	--Grain Yield--		Average Yield --bu/ac--
	to Bloom							2009	2010	
Agassiz	63	16	2,078	28.7	63.3	1.3	22.6	--	57.0	--
CDC Centennial	63	14	1,878	27.1	62.8	1.8	21.9		63.2	
CDC Golden	63	16	2,156	28.6	63.0	2.0	22.5	41.0	61.3	51.1
CDC Meadow	63	16	2,304	30.1	63.1	1.8	21.7	--	63.3	--
CDC Patrick	64	14	2,616	27.0	62.8	2.0	22.3	--	58.2	--
CDC Striker	63	14	1,994	31.9	63.8	0.8	22.7	34.4	57.6	46.0
Cruiser	63	15	2,347	25.1	62.4	1.8	22.6	30.0	53.0	41.5
DS Admiral	63	15	2,017	29.6	63.5	1.5	22.1	34.6	55.6	45.1
Majoret	63	14	1,948	30.9	63.1	1.0	22.9	38.1	54.6	46.4
Trial Mean	63	15	2,149	28.8	63.1	1.5	22.3	36.7	58.2	--
CV %	0.4	4.0	2.6	6.4	0.7	49.6	0.6	7.1	6.1	--
LSD 0.05	0	1	80	2.9	0.6	NS	0.3	3.9	5.2	--

Planting Date: April 21, 2010

Harvest Date: July 30, 2010

Lodging: 0=No lodging, 9=Completely flat

Previous Crop: Barley

Seeding Rate: 325,000 live seeds/ac

Grain protein percentages reported on a 0% moisture basis

Variety	Days to Bloom	Bloom Duration	Plant Height	Test Weight	Oil Content	--Grain Yield--		Average Yield
			in	lbs/bu	%	2009	2010	---lbs/ac---
Blaine Creek	60	14	30	51.5	36.6	642.9	2122.6	1382.7
Calena	59	13	30	50.9	36.8	1102.3	2650.8	1876.5
Galena	59	13	31	50.1	37.0	1422.9	2667.3	2045.1
Ligena	60	13	31	48.3	37.8	1424.8	2483.0	1953.9
Robinson	59	13	30	51.5	37.5	--	2115.2	--
Suneson	59	13	31	52.1	37.1	1162.0	2094.3	1628.1
Trial Mean	59	13	31	50.7	37.1	1133.2	2355.5	--
CV %	0.9	3.1	4.9	1.5	2.1	25.8	7.3	--
LSD .05	NS	1	NS	1.1	NS	NS	258.5	--

Planting Date: 4/22/2010

Harvest Date: 8/4/2010

Previous Crop: Field Pea

Seeding Rate: 6 lbs/acre

Seed oil % determined on an NMR machine and reported on 8.5% moisture basis.