

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	Plump >6/64	----- Grain Yield-----			Average Yield	
							2007	2008	2009	2	3
							-----bu/ac-----			----bu/ac----	
Six Row											
Celebration	68	13,874	28	45.3	11.4	96.4	--	57.8	74.6	66.2	--
Drummond	66	12,433	31	45.8	11.5	95.6	71.2	53.8	71.5	62.7	65.5
Lacey	69	11,491	29	46.1	10.9	96.2	79.3	53.6	74.9	64.3	69.3
Legacy	70	12,005	29	43.9	9.4	97.5	68.1	51.7	72.2	62.0	64.0
Rasmusson	66	11,915	27	47.6	11.9	96.1	75.1	53.5	86.4	69.9	71.7
Robust	69	11,810	31	46.6	11.5	96.8	70.8	49.2	66.2	57.7	62.0
Stellar-ND	68	11,357	28	45.8	12.1	97.7	69.3	50.4	72.0	61.2	63.9
Tradition	68	12,394	28	45.7	11.2	97.7	75.4	53.3	72.5	62.9	67.1
Two Row											
AC Metcalfe	71	10,501	28	51.7	11.4	96.0	70.9	52.3	107.2	79.8	76.8
BG 705	70	11,432	23	60.1	9.7	93.9	--	--	73.1	--	--
BZ493-46E	72	13,381	28	48.6	11.4	12.9	--	--	75.2	--	--
CDC Copeland	76	9,841	28	50.6	11.0	96.8	68.7	45.8	110.0	77.9	74.8
Champion	71	9,987	28	50.9	9.6	98.2	--	--	102.4	--	--
Conlon	67	9,711	25	48.6	11.3	98.4	63.9	49.1	74.5	61.8	62.5
Conrad	71	10,576	26	50.4	10.2	99.0	76.3	52.7	105.6	79.2	78.2
Enduro	71	11,229	24	58.7	8.0	95.5	--	--	83.7	--	--
Harrington	71	10,065	28	49.5	9.8	98.5	63.3	47.5	92.1	69.8	67.6
Haxby	68	9,652	28	53.1	11.0	98.5	76.7	55.1	105.0	80.0	78.9
Pinnacle	69	9,127	30	49.4	9.7	98.3	69.3	54.1	89.3	71.7	70.9
Pronghorn	70	12,628	26	56.1	8.9	80.0	--	--	71.8	--	--
Prowashonupana	69	14,636	24	42.4	13.5	19.9	--	--	73.2	--	--
Rawson	70	8,630	25	48.7	10.8	98.6	66.4	54.9	81.4	68.1	67.6
Salute	70	10,405	26	49.4	11.0	98.1	--	--	113.2	--	--
Scarlett	76	10,380	23	49.0	10.1	98.8	76.7	50.4	104.6	77.5	77.2
Trial Mean	69	11,285	27	48.6	10.7	92	71.8	52.3	83.5	--	--
CV %	1.1	3.2	6.2	2.5	8.11	1.1	9.7	7.1	13.2	--	--
LSD 0.05	1	729	3	2.0	1.8	2	NS	5.2	18.0	--	--

Planting Date: April 22, 2009

Harvest Date: August 24, 2009

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

Note: Trial received hail damage

2009 Camelina - Recrop**Dickinson, ND**

Variety	Plant Height	Test Weight	Oil Content	Grain Yield
	in	lbs/bu	%	lbsa
Blaine Creek	23.7	51.8		642.9
Calina	26.0	52.8		1102.3
Celine	28.8	52.3		1044.2
Galina	26.0	52.6		1422.9
Ligena	27.3	50.9		1424.8
Suneson	26.1	53.0		1162.0
Trial Mean	26.3	52.2		1133.2
CV %	10.8	1.7		25.8
LSD 0.05	NS	1.4		NS

Planting Date: 4/22/2009

Harvest Date: 8/18/2009

Previous Crop: Field Pea

Seeding Rate: 6 lbs/acre

Note: Trial received hail damage

2009 Commercial White Wheat - Recrop

Dickinson, ND

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	-----Grain Yield-----			Average Yield	
						2007	2008	2009	2 Year	3 Year
						-----bu/ac-----			----bu/ac----	
AC Karma	69	10,591	32	61.7	11.7	40.5	29.6	78.3	53.9	49.5
AC Snowbird	70	12,082	38	63.7	13.1	41.4	26.2	59.0	42.6	42.2
AC Snowstar	67	13,111	34	64.3	12.7	--	--	50.1	--	--
AC Vista	70	9,889	33	61.6	10.9	47.0	28.0	66.1	47.0	47.0
Agawam	67	9,861	29	64.6	12.4	49.9	24.8	75.2	50.0	50.0
Alpine	70	11,635	33	62.6	11.9	--	34.0	79.8	56.9	--
Diamond	70	10,558	38	64.1	11.4	44.3	28.1	61.7	44.9	44.7
Explorer	68	13,701	30	61.8	12.8	45.8	29.7	71.6	50.6	49.0
Glenn (hrsw)	67	12,377	36	66.1	13.3	49.4	27.5	52.1	39.8	43.0
Golden 86	69	10,003	29	61.7	12.4	45.8	24.4	72.8	48.6	47.7
IDO377S	70	11,881	30	63.8	10.9	--	27.3	69.3	48.3	--
Kantana	70	13,643	37	62.1	14.5	36.4	24.7	48.7	36.7	36.6
Lochsa	70	10,514	30	59.3	11.3	46.6	27.5	64.5	46.0	46.2
Lolo	70	10,485	32	64.4	11.3	47.8	29.8	76.0	52.9	51.2
Otis	70	9,941	34	65.0	11.8	46.4	27.8	79.5	53.6	51.2
Penewawa	71	11,329	30	61.4	10.0	42.3	29.1	80.5	54.8	50.6
Reeder (hrsw)	69	11,244	31	62.8	13.0	45.5	26.8	67.0	46.9	46.4
Snow Crest	64	12,777	25	60.2	12.6	40.8	25.1	68.8	47.0	44.9
Steele-ND (hrsw)	70	12,152	33	64.2	12.8	47.2	26.7	57.7	42.2	43.8
Waieka	68	9,927	32	59.6	11.8	52.6	27.7	71.1	49.4	50.5
Trial Mean	69	11,385	32	62.7	12.1	44.9	27.6	67.5	--	--
CV %	1.2	4.9	3.0	1.3	4.0	5.6	6.8	11.2	--	--
LSD 0.05	1	1,161	2	1.4	1.0	3.6	2.7	12.5	--	--

Planting Date: April 22, 2009

Harvest Date: August 26, 2009

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

Note: Trial received hail damage

2009 Durum - Recrop

Dickinson, ND

Variety	Days	Seeds	Plant	Test	Protein	----- Grain Yield-----			Average Yield	
	to	per				Height	Weight	2007	2008	2009
	Head	Pound	in	lbs/bu	%	-----bu/ac-----			----bu/ac----	
AC Commander	64	8,945	30	60.0	13.4	61.4	12.3	93.3	52.8	55.7
AC Napoleon	64	9,240	35	59.6	13.6	46.9	13.8	82.6	48.2	47.8
AC Navigator	64	9,788	31	62.1	13.0	48.3	12.7	83.9	48.3	48.3
Alkabo	64	10,084	33	61.6	13.4	46.9	13.5	75.0	44.2	45.1
Alzada	59	9,296	28	59.8	13.4	--	17.5	69.4	43.5	--
Ben	64	9,829	34	61.4	14.1	45.1	13.2	75.6	44.4	44.6
CDC Verona	66	10,063	34	62.2	13.3	--	--	87.0	--	--
DG Max	64	11,187	35	62.7	13.5	--	12.5	87.2	49.8	--
DG Star	60	9,884	34	60.2	13.8	--	11.2	80.4	45.8	--
Dilse	65	9,808	33	62.4	14.1	46.8	13.6	84.4	49.0	48.3
Divide	65	10,172	35	61.5	13.6	44.7	16.6	87.1	51.8	49.4
Grenora	64	9,560	32	61.2	12.9	47.8	13.7	89.6	51.7	50.4
Lebsock	64	9,629	34	61.9	13.4	45.9	15.0	77.9	46.5	46.3
Maier	64	10,064	32	62.0	14.3	45.2	14.7	85.3	50.0	48.4
Mountrail	65	9,450	33	62.1	12.7	46.6	12.4	92.2	52.3	50.4
Pierce	64	11,370	34	62.5	13.3	46.5	17.5	87.7	52.6	50.6
Strongfield	64	10,243	33	61.6	13.9	46.7	13.2	78.0	45.6	45.9
Wales	64	10,988	33	61.7	13.1	--	14.2	92.7	53.5	--
Trial Mean	64	9,923	33	62.0	13.5	48.4	13.6	85.2	--	--
CV %	0.9	5.7	4.0	1.2	4.3	6.7	19.5	7.5	--	--
LSD 0.05	1	1,139	2	1.0	1.2	4.6	NS	8.9	--	--

Planting Date: May 4, 2009

Harvest Date: September 10, 2009

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

Variety	Days to Bloom	Bloom Duration	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Lodging Score 0-9	Protein %	Grain Yield ----bu/ac----
CDC Golden	63	16	1,776	23.2	61.1	6.0		41.0
CDC Mozart	62	16	1,680	21.8	61.1	6.8		41.8
CDC Striker	62	14	1,690	23.4	62.4	6.0		34.4
Cruiser	62	16	2,099	23.0	61.2	7.0		30.0
DS Admiral	62	16	1,830	24.1	62.0	6.3		34.6
Majoret	64	14	1,868	21.1	60.3	6.3		38.1
Trial Mean	62	15.3	1,824	22.8	61.3	6.4		36.7
CV %	0.5	3.7	5.0	7.6	1.0	7.9		7.1
LSD 0.05	0.4	0.9	136	NS	0.9	NS		3.9

Planting Date: April 22, 2009

Harvest Date: August 11, 2009

Lodging: 0=No lodging, 9=Completely flat

Previous Crop: Field Pea

Seeding Rate: 325,000 live seeds/ac

Note: Trial received hail damage

Variety	Seeds per Pound	Test Weight lbs/bu	% Plump >6/64	Protein %	Grain Yield ----bu/ac----
Six Row					
Celebration	11,085	45.4	98.2	12.9	126.2
Stellar-ND	10,239	45.3	98.7	11.8	132.1
Tradition	10,717	48.1	98.7	12.4	121.1
Two Row					
Pinnacle	8,519	48.3	98.0	11.6	125.3
Rawson	8,136	48.1	97.4	11.8	122.0
Trial Mean	9,739	47.0	98.2	12.1	125.3
CV %	3.7	2.1	0.6	1.4	4.7
LSD 0.05	994	1.5	NS	0.5	NS

Planting Date: May 15, 2009

Harvest Date: September 3, 2009

Seeding Rate: 1.2 million live seeds/ac

2009 Glen Ullin Durum - Fallow

Dickinson, ND

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	-----Grain Yield-----			Average Yield	
				2007	2008	2009	2	3
				-----bu/ac-----			----bu/ac----	
Alkabo	9,889	62.5	14.1	35.7	36.4	68.8	52.60	47.0
DG Max	10,546	62.0	14.0	--	--	71.2	--	--
Divide	9,890	62.1	14.0	36.2	42.9	64.8	53.86	48.0
Grenora	10,218	60.7	13.3	38.4	37.6	69.5	53.57	48.5
Mountrail	10,531	62.4	13.2	44.6	37.0	75.7	56.33	52.4
Trial Mean	10,034	62.3	13.7	39.5	37.0	71.7	--	--
CV %	9.3	2.0	4.2	8.6	23.1	10.0	--	--
LSD 0.05	NS	1.9	NS	5.2	NS	NS	--	--

Planting Date: May 15, 2009

Harvest Date: September 10, 2009

Seeding Rate: 1.2 million live seeds/ac

2009 Glen Ullin Spring Wheat - Fallow

Dickinson, ND

Variety	Seeds	Lodging Score	Test Weight	Protein %	----- Grain Yield-----			----- Average Yield-----	
	per Pound				2007	2008	2009	2 Year	3 Year
		0-9	lbs/bu		-----bu/ac-----			----bu/ac----	
Barlow	12,987	2	63.6	14.8	--	51.0	73.2	62.1	--
Brick	12,215	0	64.7	14.5	--	--	77.7	--	--
Blade	13,747	6	64.0	14.7	--	--	64.8	--	--
Choteau	12,891	0	61.1	14.4	39.3	46.1	66.9	56.5	50.8
Faller	12,670	1	60.9	13.6	37.3	46.1	80.0	63.1	54.5
Glenn	12,926	6	64.7	15.2	35.5	40.5	65.9	53.2	47.3
Howard	14,219	4	60.6	14.0	38.2	42.1	68.2	55.2	49.5
Mott	13,381	0	63.4	14.6	--	48.6	82.4	65.5	--
Steele-ND	13,543	3	61.1	14.5	37.1	42.9	68.3	55.6	49.4
Trial Mean	13,175	2	62.7	14.5	35.1	45.2	71.9	--	--
CV %	6.4	73.6	1.7	1.4	8.8	6.8	8.2	--	--
LSD 0.05	NS	3	1.6	0.5	4.4	5.2	8.6	--	--

Planting Date: May 15, 2009

Harvest Date: September 10, 2009

Lodging: 0=No lodging, 9=Completely flat

Seeding Rate: 1.2 million live seeds/ac

2009 Hannover Barley - Recrop

Dickinson, ND

Variety	Seeds per Pound	Test Weight lbs/bu	% Plump >6/64	Protein %	Grain Yield ----bu/ac----
Six Row					
Celebration	10,588	41.0	99.2	12.8	112.1
Stellar-ND	10,159	41.2	99.3	12.3	111.3
Tradition	10,370	43.3	99.2	12.3	113.2
Two Row					
Pinnacle	8,226	46.0	99.0	11.3	107.9
Rawson	8,037	45.3	98.0	11.8	98.8
Trial Mean	9,476	43.4	99.0	12.1	108.6
CV %	2.5	2.0	0.3	1.8	3.0
LSD 0.05	667	1.3	0.7	0.6	5.0

Planting Date: May 15, 2009

Harvest Date: September 3, 2009

Previous Crop: Wheat

Seeding Rate: 1.2 million live seeds/ac

2009 Hannover Durum - Recrop

Dickinson, ND

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	-----Grain Yield-----			Average Yield	
				2007	2008	2009	2	3
				-----bu/ac-----			----bu/ac----	
Alkabo	10,321	58.5	14.3	38.6	34.3	62.1	48.2	45.0
DG Max	10,171	57.7	14.2	--	--	60.5	--	--
Divide	10,583	58.9	14.1	37.5	34.2	60.9	47.5	44.2
Grenora	9,972	57.0	14.2	37.5	35.6	61.4	48.5	44.8
Mountrail	10,398	58.4	13.9	40.3	32.4	67.0	49.7	46.6
Trial Mean	10,279	58.3	14.2	38.5	33.1	63.0	--	--
CV %	4.2	1.6	1.7	4.5	10.0	3.2	--	--
LSD 0.05	NS	1.4	NS	NS	NS	3.0	--	--

Planting Date: May 15, 2009

Harvest Date: September 3, 2009

Previous Crop: Wheat

Seeding Rate: 1.2 million live seeds/ac

2009 Hannover Spring Wheat - Recrop

Dickinson, ND

Variety	Seeds	Lodging Score	Test Weight	Protein	----- Grain Yield-----			Average Yield	
	per Pound				2007	2008	2009	2	3
		0-9	lbs/bu	%	-----bu/ac-----			----bu/ac----	
Barlow	12,981	4	58.4	15.1	--	33.8	54.7	44.2	--
Brick	12,394	3	58.7	14.5	--	--	52.3	--	--
Blade	14,740	5	57.4	14.9	--	--	46.7	--	--
Choteau	12,752	3	55.9	14.4	32.5	33.7	51.1	42.4	39.1
Faller	13,186	6	53.8	14.3	30.8	30.9	54.1	42.5	38.6
Glenn	13,458	6	59.8	15.4	30.6	29.2	47.6	38.4	35.8
Howard	13,830	6	56.4	14.5	30.4	30.3	46.6	38.4	35.8
Mott	13,072	0	58.8	14.9	--	35.7	63.9	49.8	--
Steele-ND	13,872	6	57.7	14.1	29.8	29.4	43.7	36.6	34.3
Trial Mean	13,365	4	57.4	14.7	29.6	31.7	51.2	--	--
CV %	2.9	33.6	2.8	2.7	8.6	9.9	6.5	--	--
LSD 0.05	894	2	2.3	NS	3.7	NS	4.8	--	--

Planting Date: May 15, 2009

Harvest Date: September 3, 2009

Lodging: 0=No lodging, 9=Completely flat

Previous Crop: Wheat

Seeding Rate: 1.2 million live seeds/ac

2009 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-----	
						2007	2008	2009	2 Year	3 Year
						-----bu/ac-----			-----bu/ac-----	
Alsen	61	12,260	32	64.6	14.0	51.5	29.5	70.6	50.0	50.5
Barlow	58	11,843	33	65.3	13.6	53.9	28.6	69.4	49.0	50.7
Blade	63	11,968	32	66.7	14.4	--	34.7	77.8	56.2	--
Breaker	63	12,024	32	65.8	14.5	--	36.4	78.7	57.6	--
Brenan	58	12,724	28	63.6	14.0	--	35.1	74.8	54.9	--
Brick	56	12,332	34	65.2	13.8	--	32.8	63.1	48.0	--
Briggs	61	12,195	36	65.4	15.1	50.5	29.6	70.5	50.1	50.2
Brogan	61	11,664	31	64.5	14.3	--	--	74.6	--	--
Choteau	61	12,113	29	63.2	13.8	48.5	34.2	78.5	56.4	53.7
Conan	59	11,499	30	62.6	13.8	--	--	71.8	--	--
Corbin	58	11,024	30	61.7	12.9	--	--	73.3	--	--
Faller	63	10,574	33	64.5	13.5	52.8	29.8	85.3	57.6	56.0
Freyr	61	12,114	32	63.5	14.6	50.4	33.7	72.5	53.1	52.2
Glenn	57	12,413	35	66.4	14.8	52.7	31.0	61.2	46.1	48.3
Granger	59	10,303	34	62.9	14.6	51.2	31.1	63.7	47.4	48.6
Granite	64	12,760	31	65.3	15.6	46.9	34.8	72.1	53.4	51.3
Howard	61	12,318	34	65.5	14.0	53.6	30.9	77.3	54.1	53.9
Jenna	63	11,368	31	64.3	14.1	--	35.2	81.1	58.1	--
Kelby	58	12,194	27	64.3	15.1	53.6	34.2	73.7	54.0	53.8
Knudson	60	11,474	32	64.6	13.5	53.7	32.2	87.8	60.0	57.9
Kuntz	62	13,018	29	64.0	13.2	50.8	31.3	78.2	54.7	53.4
Mott	63	13,563	36	65.8	13.6	50.0	34.0	78.7	56.4	54.2
Parshall	60	12,388	36	65.6	15.3	51.4	31.4	66.8	49.1	49.9
RB07	57	13,617	30	63.9	14.0	57.5	37.2	78.2	57.7	57.6
Reeder	63	13,437	34	65.6	14.6	43.8	28.4	72.0	50.2	48.1
Sabin	61	12,601	32	63.6	13.9	--	--	80.0	--	--
Samson	59	12,016	29	64.0	14.1	--	34.6	82.7	--	--
Steele-ND	61	11,813	33	66.5	13.7	50.8	30.4	75.3	52.8	52.2
Tom	61	10,865	32	64.3	13.6	--	32.3	76.8	54.5	--
Traverse	58	11,557	34	63.3	13.9	53.9	34.4	74.6	54.5	54.3
Vantage	64	13,091	31	65.8	14.0	--	33.0	72.5	52.7	--
AC Lillian	64	11,720	35	59.6	15.3	--	--	65.9	--	--
Agawam	57	10,295	30	64.3	12.6	--	--	74.2	--	--
Trial Mean	60	11,943	32	64.3	14.0	50.5	32.1	74.9	--	--
CV %	1.3	2.9	2.7	2.4	4.7	6.7	10.5	7.5	--	--
LSD 0.05	1	702	1	2.1	1.3	4.7	4.7	7.8	--	--

Planting Date May 6, 2009

Harvest Date: September 4, 2009

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

2009 Winter Wheat - Recrop

Dickinson, ND

Variety	Heading Date	Seeds per Pound	Plant Height	Test Weight	Protein %	----- Grain Yield-----			Average Yield	
						2007	2008	2009	2	3
	June		in	lbs/bu		-----bu/ac-----			----bu/ac----	
Alice	22	14,289	24	59.8	10.2	79.0	15.4	61.5	38.5	52.0
Art	22	13,209	24	61.4	11.8	--	--	55.8	--	--
Striker	22	15,616	24	60.0	11.3	--	--	61.1	--	--
Boomer	26	13,421	26	60.1	10.5	--	--	70.9	--	--
CDC Accipiter	27	14,482	27	61.4	8.9	--	18.6	68.5	43.6	--
CDC Buteo	25	13,346	29	62.5	9.9	82.7	17.6	63.2	40.4	54.5
CDC Falcon	25	13,922	24	60.9	10.2	79.8	17.9	70.4	44.2	56.0
CDC Peregrine	25	12,467	34	62.2	10.0	--	17.5	68.2	42.9	--
Darrell	24	11,134	29	61.5	9.8	79.9	19.4	71.8	45.6	57.0
Expedition	22	12,558	27	61.6	10.3	71.0	15.0	67.1	41.1	51.0
Hawken	21	13,292	23	61.5	9.5	--	13.9	61.7	37.8	--
Jagalene	24	12,517	24	60.6	10.5	64.5	16.4	56.0	36.2	45.7
Jerry	26	11,389	30	60.4	9.1	82.9	18.3	58.9	38.6	53.4
Lyman	21	11,782	26	60.9	9.6	--	18.2	61.4	39.8	--
Mace	24	14,859	26	59.8	9.1	--	--	72.2	--	--
Millennium	24	12,462	28	61.8	10.1	86.7	17.6	60.4	39.0	54.9
Overland	24	12,877	27	61.0	9.4	--	21.4	72.1	46.7	--
Radiant	26	12,742	29	60.8	8.6	70.7	19.5	57.3	38.4	49.1
Wesley	20	12,186	23	59.0	9.8	78.9	14.1	57.3	35.7	50.1
Yellowstone	26	12,725	29	61.4	10.0	75.4	18.8	73.7	46.3	56.0
Trial Mean	24	13,092	27	60.9	9.9	77.7	16.9	65.0	--	--
CV %	4.3	5.4	8.6	1.6	8.2	10.4	12.8	23.9	--	--
LSD 0.05	1	1,474	3	1.6	NS	11.4	3.1	NS	--	--

Planting Date: September 26, 2008

Harvest Date: August 24, 2009

Previous Crop: Field Pea

Seeding Rate: 1 million live seeds/ac

Note: Trial received hail damage