

## 2014 Winter Wheat - Recrop

Dickinson, ND

Variety	Heading Date	Seeds		Plant Height	Test Weight	----- Grain Yield-----				Average Yield	
		per Pound	Plant			Protein	2012	2013	2014	Returns <sup>1</sup>	2
	June		in	lbs/bu	%	-----bu/ac-----			\$/ac	bu/ac	bu/ac
AC Broadview	21	14,672	30	56.0	11.9	70.3	64.8	104.1	249.20	139.4	79.7
AC Emerson	22	14,455	31	58.0	12.3	--	75.0	93.1	204.22	124.1	--
AC Gateway	22	13,928	27	56.9	13.0	--	--	91.2	199.34	--	--
Accipiter	23	15,283	31	56.5	12.4	60.3	65.0	102.8	249.51	83.9	76.0
Art	20	14,461	27	57.1	12.9	60.3	61.9	87.6	181.97	74.8	70.0
Coulter	23	12,473	31	55.0	11.2		--	105.4	242.74	--	--
Decade	20	13,352	30	57.8	12.1	70.1	75.6	102.2	244.86	88.9	82.6
Falcon	22	15,034	28	56.3	11.2	68.3	66.1	99.7	217.52	82.9	78.0
Flourish	20	13,030	29	55.4	12.1	--	68.0	99.5	232.69	133.4	--
Freeman	19	13,731	28	53.9	11.7	--	65.1	84.7	158.25	102.7	--
Ideal	21	13,383	30	57.1	11.6	62.7	71.1	96.2	209.63	83.6	76.7
Jerry	22	11,847	37	57.0	11.5	66.0	63.5	99.9	222.60	81.7	76.5
Lyman	19	10,864	31	58.0	13.1	67.9	64.5	87.0	179.79	75.7	73.1
McGill	19	13,469	33	56.6	11.7	60.0	55.5	91.1	187.11	111.3	68.9
Moats	23	14,809	36	56.1	12.9	--	66.1	87.8	182.85	112.3	--
Overland	20	12,111	31	57.6	12.4	75.4	63.5	94.4	210.01	78.9	77.8
Peregrine	23	13,608	36	57.2	12.1	54.9	72.0	96.5	218.96	84.3	74.5
Robidoux	22	14,722	29	56.4	11.2	66.4	45.3	88.8	166.18	100.1	66.8
SY Wolf	20	12,497	27	56.9	12.1	65.8	72.0	96.5	218.69	84.2	78.1
WB Grainfield	18	13,169	28	57.4	12.3	--	50.0	88.1	181.57	106.6	--
WB-Matlock	22	12,996	33	57.4	12.1	70.6	64.3	100.6	237.75	82.4	78.5
Warhorse	22	13,768	29	55.8	12.9	--	--	85.0	169.97	--	--
Trial Mean	21	13,498	31	56.6	12.1	64.6	64.7	94.9	208.76	--	--
CV %	0.0	4.2	4.7	1.4	4.7	9.5	10.1	9.4	--	--	--
LSD 0.10	1	672	2	0.9	0.8	7.3	7.7	10.6	--	--	--

Planting Date: September 30, 2013

Harvest Date: August 12, 2014

Previous Crop: Oat

Seeding Rate: 1 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2014 yield by protein premium or discount paid at the Southwest Grain Terminal located at Gladstone on August 19. The price paid on this date was \$5.04/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 \$221.18, the sum of all listed costs from the December 2013 Farm Management Planning Guide Projected 2014 Crop Budgets South West North Dakota for winter wheat.

## 2014 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-----	
					2012 -----bu/ac-----	2013	2014		2 Year	3 Year
AC Pinnacle	63	11,937	42	34.3	111.9	150.7	216.2	222.09	183.5	159.6
Beach	63	13,459	44	36.9	118.0	142.4	169.9	152.26	156.2	143.4
CDC Dancer	62	12,287	41	34.5	114.2	132.5	170.9	139.30	151.7	139.2
CDC Minstrel	62	11,911	37	32.8	133.3	112.7	193.7	166.32	153.2	146.6
Deon	63	12,322	41	35.0	--	--	175.4	150.76	--	--
Furlong	65	11,099	40	32.1	130.3	131.0	165.7	112.82	148.3	142.3
Goliath	62	12,574	48	35.6	--	116.3	160.3	125.59	138.3	--
HiFi	62	13,439	41	34.3	117.5	117.3	162.9	123.97	140.1	132.6
Horsepower	59	14,438	33	35.1	93.0	111.7	141.2	85.94	126.4	115.3
Hystest	63	13,819	43	34.8	132.8	124.0	178.8	155.87	151.4	145.2
Jury	61	13,202	45	35.0	131.9	124.1	151.2	105.13	137.6	135.7
Killdeer	60	13,350	34	33.9	124.8	135.1	152.0	100.06	143.6	137.3
Leggett	62	12,315	40	35.7	117.8	118.7	197.1	198.08	157.9	144.5
Newburg	61	13,710	44	33.7	139.8	143.9	178.0	145.18	160.9	153.9
Otana	63	14,481	43	35.4	133.4	139.5	178.5	158.66	159.0	150.5
Paul	63	17,493	42	39.1	--	--	132.3	82.27	--	--
Rockford	61	13,348	42	36.8	129.7	136.2	174.4	159.54	155.3	146.8
Souris	61	13,691	36	34.6	127.7	131.2	173.5	143.85	152.3	144.1
Stallion	62	14,044	43	37.6	147.5	129.5	176.1	169.88	152.8	151.0
Trial Mean	62	13,013	41	35.1	122.9	126.5	168.6	137.89	--	--
CV %	1.0	5.1	4.5	1.5	--	10.4	7.7	--	--	--
LSD 0.10	1	782	2	0.6	--	15.4	15.2	--	--	--

Planting Date: May 5, 2014

Harvest Date: August 18, 2014

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Previous Crop: Spring Wheat

Seeding Rate: 1 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2014 yield by the test weight discount paid at the Southwest Grain Terminal located in Gladstone on August 19. The price paid was \$2.00/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 \$182.34, the sum of all listed costs from the December 2013 Farm Management Planning Guide Projected 2014 Crop Budgets South West North Dakota for oats.

Variety	Days	Bloom	Seeds	Plant	Test	Protein	--Grain Yield--			Returns <sup>1</sup>	Average Yield	
	to						Duration	per	Height		Weight	2012
	Bloom		Pound	in	lbs/bu	%	-----bu/ac-----			\$/ac	--bu/ac--	
<b>Yellow Types</b>												
Agassiz	51	20	1,821	25	63.3	23.5	38.4	37.6	56.0	329.67	46.8	44.0
DS Admiral	52	17	1,855	25	63.4	23.4	39.0	40.9	50.0	272.13	45.4	43.3
CDC Meadow	52	19	2,041	25	63.9	24.5	--	38.0	49.1	263.49	43.6	--
<b>Green Types</b>												
Cruiser	52	19	2,177	25	63.0	23.9	33.8	29.9	45.5	380.49	37.7	36.4
CDC Striker	52	17	1,895	22	62.9	24.5	38.2	27.2	48.0	412.79	37.6	37.8
Majoret	53	16	1,771	24	63.4	26.2	37.7	34.8	44.6	368.86	39.7	39.0
Trial Mean	52	18	1,326	24	63.3	24.3	37.8	35.5	48.9	337.91	--	--
CV %	1.5	6.0	5.0	6.5	0.8	1.4	--	11.4	6.0	--	--	--
LSD 0.10	NS	1	120	NS	NS	0.4	--	4.9	3.6	--	--	--

Planting Date: May 5, 2014

Harvest Date: August 11, 2014

Previous Crop: Barley

Seeding Rate: 325,000 live seeds/ac

Grain protein percentages reported on a 0% moisture basis

<sup>1</sup>Returns were calculated by multiplying the 2014 yield by the average price for yellow (\$9.59/bu) and green (\$12.92/bu) peas listed on the Northern Pulse Growers Association web site (<http://northernpulse.com/>) on September 16, 2014. Returns also deduct \$207.37, the sum of all listed costs from the December 2013 Farm Management Planning Guide Projected 2014 Crop Budgets South West North Dakota for Field Pea.

Variety	Days	Bloom	Seeds	Plant	Test	Protein	---Grain Yield---			Average
	to						Duration	per	Height	
	Bloom		Pound	in	lbs/bu	%			\$/ac	lbs/ac
<b>Large Green Type</b>										
CDC Imigreen-CL	53	23	7,312	15	57.3	25.5	1,527	2,311	447.46	1,919
<b>Medium Green Type</b>										
CDC Impress-CL	53	20	8,364	15	58.0	23.6	1,945	2,604	529.45	2,274
<b>Small Red Type</b>										
CDC Maxim-CL	53	22	10,798	12	59.5	24.1	1,428	2,431	481.17	1,930
<b>Extra Small Red Type</b>										
CDC Impala-CL	54	22	14,886	13	60.6	25.8	1,912	2,802	584.99	2,357
Trial Mean	53	21	10,340	14	58.8	24.8	1,703	2,537	510.77	--
CV %	0.0	3.2	1.9	8.7	0.8	1.3	12.2	8.4	--	--
LSD 0.10	0	1	259	2	0.6	0.4	269	275	--	--

Planting Date: May 5, 2014  
Harvest Date: August 21, 2014

Previous Crop: Barley

Seeding Rate: 600,000 live seeds/ac

Grain protein percentages reported on a 0% moisture basis

<sup>1</sup>Returns were calculated by multiplying the 2014 yield by the average price for lentils (\$28.00/cwt) listed on the Northern Pulse Growers Association web site (<http://northernpulse.com/>) on September 23, 2014. Returns also deduct \$199.55, the sum of all listed costs from the December 2013 Farm Management Planning Guide Projected 2014 Crop Budgets South West North Dakota for Lentil.

## 2014 Lentil - Recrop

Dickinson, ND

Variety	Days	Bloom Duration	Seeds	Test Weight	Protein	---Grain Yield---			Returns <sup>1</sup> \$/ac	Average Yield	
	to Bloom		per Pound			lbs/bu	2012	2013		2014	2
					%	-----lbs/ac-----				---lbs/ac---	
<b>Large Green Types</b>											
CDC Greenland	53	24	6,847	54.6	23.1	1,616	1,743	2,259	432.92	2,001	1,873
Pennell	53	25	6,860	55.4	23.2	1,708	1,548	2,666	547.01	2,107	1,974
Riveland	52	25	6,080	53.6	24.3	1,430	1,451	2,188	412.96	1,819	1,690
<b>Medium Green Type</b>											
CDC Richlea	53	24	8,031	56.9	22.7	1,907	1,872	2,799	584.13	2,335	2,193
<b>Small Green Type</b>											
CDC Viceroy	53	24	12,905	59.6	24.6	1,736	1,920	3,047	653.56	2,483	2,234
<b>Small French Green Type</b>											
CDC Lemay	52	22	12,588	57.3	23.2	1,627	1,571	2,042	372.28	1,807	1,747
<b>Medium Red Type</b>											
CDC Red Rider	53	25	9,424	58.6	23.9	1,899	1,837	2,796	583.31	2,316	2,177
<b>Small Red Types</b>											
CDC Redberry	53	25	9,752	58.9	24.8	1,856	1,567	2,339	455.32	1,953	1,920
CDC Rouleau	53	24	11,071	58.0	22.6	1,780	1,755	2,679	550.67	2,217	2,071
<b>Extra Small Red Type</b>											
CDC Rosetown	53	25	14,795	59.5	25.6	1,738	1,725	2,577	521.97	2,151	2,013
Trial Mean	53	24	9,835	57.2	23.8	1,706	1,673	2,539	511.41	--	--
CV %	0.6	2.5	3.0	0.7	2.2	9.8	13.5	8.8	--	--	--
LSD 0.10	0	1	356	0.5	0.6	198	268	268	--	--	--

Planting Date: May 5, 2014

Harvest Date: August 21, 2014

Previous Crop: Barley

Seeding Rate: 600,000 live seeds/ac

Grain protein percentages reported on a 0% moisture basis

<sup>1</sup>Returns were calculated by multiplying the 2014 yield by the average price for lentils (\$28.00/cwt) listed on the Northern Pulse Growers Association web site (<http://northernpulse.com/>) on September 23, 2014. Returns also deduct \$199.55, the sum of all listed costs from the December 2013 Farm Management Planning Guide Projected 2014 Crop Budgets South West North Dakota for Lentil.

**2014 Barley - Recrop**

**Dickinson, ND**

Variety	Days	Seeds	Plant	Test	Protein	Plump	----- Grain Yield-----				Average Yield	
	to	per					%	2012	2013	2014	Returns <sup>1</sup>	2
	Head	Pound	Height	Weight	%	>6/64	-----bu/ac-----			\$/ac	----bu/ac----	
<b>Six Row</b>												
Celebration	63	12,091	33	44.7	11.7	99.1	95.7	78.6	124.1	68.14	101.4	99.5
Innovation	63	11,159	34	44.9	11.8	99.5	97.2	76.3	135.7	95.39	106.0	103.0
Lacey	63	11,019	34	46.2	11.8	98.8	93.9	82.3	133.9	93.30	108.1	103.4
Quest	63	11,577	37	44.9	11.9	98.5	91.4	84.9	133.2	89.94	109.1	103.2
Stellar-ND	62	10,725	35	44.0	11.3	99.3	101.7	79.0	142.6	105.56	110.8	107.7
Tradition	63	11,082	36	45.5	12.8	99.3	78.5	74.4	140.6	108.23	107.5	97.8
<b>Two Row</b>												
AC Metcalfe	66	9,625	32	47.5	11.2	98.9	71.9	70.9	122.8	68.99	96.8	88.5
CDC Copeland	67	10,324	35	45.1	11.2	98.7	81.0	87.0	130.7	83.48	108.9	99.6
Conlon	62	8,549	33	46.6	11.8	99.3	72.8	62.8	106.8	33.75	84.8	80.8
Conrad	67	9,760	32	48.2	12.4	99.0	86.6	84.4	144.0	115.60	114.2	105.0
Pinnacle	64	8,569	34	47.5	11.9	99.0	89.1	76.3	130.3	85.42	103.3	98.6
Rawson	64	8,208	34	46.2	12.0	99.2	93.2	83.5	120.4	63.71	102.0	99.0
Trial Mean	64	10,208	34	45.9	11.6	99.1	89.5	81.4	133.1	90.05	--	--
CV %	0.9	3.9	5.8	1.1	7.3	0.3	--	10.7	9.5	--	--	--
LSD 0.10	1	468	2	0.6	NS	0.3	--	10.3	14.9	--	--	--

Planting Date: April 25, 2014

Harvest Date: August 11, 2014

Previous Crop: F Oat

Seeding Rate: 1.2 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2014 yields by the price paid for feed barley minus the test weight discount paid at the Southwest Grain Terminal located at Gladstone on August 19. The price paid on this date was \$2.20/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 \$201.20, the sum of all listed costs from the December 2013 Farm Management Planning Guide Projected 2014 Crop Budgets South West North Dakota for barley.

**2014 Glen Ullin Barley - Recrop**

**Dickinson, ND**

Variety	Seeds per Pound	Test Weight lbs/bu	% Plump >6/64	Protein %	-----Grain Yield-----			Returns <sup>1</sup> \$/ac	Average Yield	
					2012	2013	2014		2	3
					-----bu/ac-----				----bu/ac----	
<b>Six Row</b>										
Innovation	12,245	45.5	98	12.6	69.1	105.8	125.4	74.08	115.6	100.1
Quest	12,377	45.7	95	12.9	67.1	107.0	127.1	77.46	117.1	100.4
<b>Two Row</b>										
Pinnacle	9,658	45.2	96	11.7	68.1	106.5	123.3	70.00	114.9	99.3
Rawson	9,209	52.6	97	12.4	58.0	104.7	98.3	15.00	101.5	87.0
Trial Mean	10,905	45.6	97	12.3	65.5	99.5	123.0	69.18	--	--
CV %	3.3	2.5	0.7	1.8	--	6.5	4.8	--	--	--
LSD 0.10	526	1.5	1	0.3	--	8.0	7.3	--	--	--

Planting Date: May 15, 2014

Harvest Date: August 19, 2014

Previous Crop: Spring Wheat

Seeding Rate: 1.2 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2014 yields by the price paid for feed barley minus the test weight discount paid at the Southwest Grain Terminal located at Gladstone on August 19. The price paid on this date was \$2.20/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 \$201.20, the sum of all listed costs from the December 2013 Farm Management Planning Guide Projected 2014 Crop Budgets South West North Dakota for barley.

**2014 Hannover Barley - Recrop**

**Dickinson, ND**

Variety	Seeds per Pound	Test Weight lbs/bu	% Plump >6/64	Protein %	-----Grain Yield-----			Returns <sup>1</sup> \$/ac	Average Yield	
					2012	2013	2014		2	3
					-----bu/ac-----				----bu/ac----	
<b>Six Row</b>										
Innovation	12,400	43.2	99	12.8	90.2	82.7	111.4	34.67	97.1	94.8
Quest	13,167	42.4	97	12.2	78.7	74.3	97.0	1.87	85.7	83.3
<b>Two Row</b>										
Pinnacle	10,011	47.0	99	11.8	88.1	78.7	111.2	43.53	95.0	92.7
Rawson	9,265	50.8	99	12.6	79.8	76.2	91.1	-0.80	83.7	82.4
Trial Mean	11,210	46.2	99	12.2	83.4	69.8	104.3	24.49	--	--
CV %	2.9	1.5	0.3	2.3	--	15.2	5.3	--	--	--
LSD 0.10	485	1.1	0	0.4	--	21.4	8.2	--	--	--

Planting Date: May 15, 2014

Harvest Date: August 19, 2014

Previous Crop: Lentil

Seeding Rate: 1.2 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2014 yields by the price paid for feed barley minus the test weight discount paid at the Southwest Grain Terminal located at Gladstone on September 19. The price paid on this date was \$2.20/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 \$201.20, the sum of all listed costs from the December 2013 Farm Management Planning Guide Projected 2014 Crop Budgets South West North Dakota for barley.



Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	----- Grain Yield-----				Average Yield	
						2012	2013	2014	Returns <sup>1</sup> \$/ac	2 Year	3 Year
						-----bu/ac-----			----bu/ac----		
AC Commander	69	9,145	32	56.1	14.0	61.2	35.6	72.5	211.05	54.1	56.5
AC Navigator	70	9,455	33	57.6	14.9	52.0	34.5	68.4	196.08	51.5	51.6
Alkabo	71	9,259	37	59.3	13.1	52.8	39.9	74.3	236.87	57.1	55.7
Alzada	64	9,376	30	56.7	13.8	49.3	35.2	56.7	123.06	46.0	47.1
Ben	70	9,023	39	58.3	14.1	59.7	36.7	71.5	217.38	54.1	56.0
CDC Verona	72	9,581	39	59.9	13.8	52.2	39.5	70.7	217.10	55.1	54.1
Carpio	72	8,925	39	61.1	13.5	56.4	43.9	67.0	195.72	55.4	55.8
Divide	71	9,390	39	59.4	12.7	59.1	40.3	77.3	254.80	58.8	58.9
Grenora	70	8,936	36	57.5	13.7	61.2	35.1	78.1	251.77	56.6	58.1
Joppa	71	9,664	38	59.6	12.3	57.4	41.1	80.4	273.09	60.7	59.6
Lebsock	70	9,888	38	59.0	13.0	64.8	32.2	72.6	225.79	52.4	56.5
Maier	70	9,868	38	59.2	13.5	60.3	36.3	75.5	244.41	55.9	57.4
Mountrail	71	9,736	40	58.8	13.1	59.1	44.6	83.2	288.59	63.9	62.3
Pierce	70	10,489	39	60.0	13.2	58.5	31.7	74.3	239.61	53.0	54.9
Rugby	71	10,365	44	59.5	13.5	54.1	32.6	70.5	215.11	51.5	52.4
Strongfield	70	9,592	39	56.1	13.7	55.1	37.6	72.2	209.41	54.9	55.0
Tioga	71	9,066	32	57.5	13.1	56.0	37.5	78.3	253.16	57.9	57.3
Trial Mean	70	9,496	39	58.5	13.5	56.5	38.2	76.7	247.52	--	--
CV %	0.8	4.3	8.7	1.5	4.2	--	17.9	6.9	--	--	--
LSD 0.10	1	480	4	1.0	0.8	--	8.0	6.2	--	--	--

Planting Date: April 25, 2014

Harvest Date: September 2, 2014

Previous Crop: Oat

Seeding Rate: 1.2 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2014 yield by the test weight discount paid at the Southwest Grain Terminal located at Gladstone on August 19. The price paid on this date was \$6.00/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 \$205.58, the sum of all listed costs from the December 2013 Farm Management Planning Guide Projected 2014 Crop Budgets South West North Dakota for durum.

**2014 Glen Ullin Durum - Recrop**

**Dickinson, ND**

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	-----Grain Yield-----			Returns <sup>1</sup> \$/ac	Average Yield	
				2012	2013	2014		2	3
				-----bu/ac-----				----bu/ac----	
Alkabo	11,784	57.4	11.8	65.9	83.2	73.2	221.92	78.2	74.1
Carpio	12,001	57.9	11.9	64.7	87.5	69.3	202.36	78.4	73.8
Divide	11,619	57.0	12.2	63.6	87.0	69.6	198.52	78.3	73.4
Grenora	11,556	55.9	11.8	63.5	85.4	74.5	220.60	80.0	74.5
Joppa	11,502	56.4	11.5	69.4	91.9	76.3	234.86	84.1	79.2
Tioga	11,155	53.8	11.9	66.2	88.8	66.3	162.24	77.5	73.8
Trial Mean	11,603	56.4	11.8	65.6	87.3	71.5	206.75	--	--
CV %	2.4	1.8	3.8	--	6.4	5.1	--	--	--
LSD 0.10	407	1.3	0.7	--	NS	4.5	--	--	--

Planting Date: May 15, 2014

Harvest Date: September 8, 2014

Previous Crop: Spring Wheat

Seeding Rate: 1.2 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2014 yield by the test weight discount paid at the Southwest Grain Terminal located at Gladstone on August 19. The price paid on this date was \$6.00/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 \$205.58, the sum of all listed costs from the December 2013 Farm Management Planning Guide Projected 2014 Crop Budgets South West North Dakota for durum.

**2014 Hannover Durum - Recrop**

**Dickinson, ND**

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	-----Grain Yield-----			Returns <sup>1</sup> \$/ac	Average Yield	
				2012	2013	2014		2	3
				-----bu/ac-----				----bu/ac----	
Alkabo	11,734	57.3	13.1	53.0	56.9	71.4	212.13	64.1	60.4
Carpio	11,213	58.6	13.9	53.1	67.8	64.6	175.00	66.2	61.8
Divide	11,725	53.9	13.4	54.8	61.8	57.8	116.98	59.8	58.1
Grenora	11,154	55.6	12.9	53.7	62.9	71.4	202.39	67.1	62.6
Joppa	11,573	55.0	12.4	55.1	70.6	64.5	160.27	67.6	63.4
Tioga	10,863	52.4	13.4	52.7	69.1	62.1	133.59	65.6	61.3
Trial Mean	11,377	55.5	13.2	53.7	64.8	65.3	166.73	--	--
CV %	2.9	4.6	3.7	--	7.2	10.3	--	--	--
LSD 0.10	486	3.2	0.7	--	6.9	8.3	--	--	--

Planting Date: May 15, 2014

Harvest Date: September 8, 2014

Previous Crop: Lentil

Seeding Rate: 1.2 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2014 yield by the test weight discount paid at the Southwest Grain Terminal located at Gladstone on August 19. The price paid on this date was \$6.00/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 \$205.58, the sum of all listed costs from the December 2013 Farm Management Planning Guide Projected 2014 Crop Budgets South West North Dakota for durum.

**2014 Hard Red Spring Wheat - Recrop**

**Dickinson, ND**

Variety	Days	Seeds	Plant	Test	Protein	----- Grain Yield-----				----- Average Yield-----	
	to	per				2012	2013	2014	Returns <sup>1</sup>	2	3
	Head	Pound	Height	Weight	%	-----bu/ac-----			\$/ac	-----bu/ac-----	
Advance	66	12,442	33	57.6	11.7	71.1	43.1	88.1	204.65	65.6	67.4
Barlow	64	12,006	36	57.4	12.5	78.6	38.2	91.1	238.47	64.6	69.3
Breaker	66	12,022	33	58.8	11.8	68.3	46.1	88.4	211.50	67.3	67.6
Brennan	64	12,578	29	55.9	12.5	72.8	40.8	84.9	202.09	62.9	66.2
Croplan 3361	66	12,583	32	55.9	11.7	--	--	83.9	177.02	--	--
Croplan 3378	65	13,040	31	56.9	11.6	--	--	92.7	222.32	--	--
Croplan 3419	70	12,996	34	54.9	11.6	--	--	69.8	109.23	--	--
Duclair	65	11,799	33	54.6	12.1	--	42.9	88.5	202.88	65.7	--
Elgin-ND	66	12,306	37	55.8	12.7	69.5	48.5	88.9	226.23	68.7	69.0
Faller	67	11,348	36	55.9	11.9	76.5	48.0	95.1	233.46	71.6	73.2
Forefront	63	11,867	37	57.1	12.7	68.8	44.0	80.0	189.65	62.0	64.3
Glenn	65	11,992	36	55.2	11.7	77.8	39.9	86.0	183.73	62.9	67.9
Howard	65	12,040	36	55.4	12.7	73.4	43.4	91.2	234.66	67.3	69.3
Jenna	68	11,341	33	56.2	12.2	76.9	49.3	93.3	233.57	71.3	73.2
Kelby	63	12,926	30	56.8	13.8	65.5	37.3	81.3	224.08	59.3	61.4
LCS Albany	67	13,700	33	55.9	11.4	72.6	42.4	91.2	204.26	66.8	68.7
LCS Breakaway	64	12,068	31	58.0	12.3	70.1	40.8	88.9	224.34	64.8	66.6
LCS Iguacu	67	12,134	32	54.6	10.6	--	45.9	78.2	123.20	62.1	--
LCS Powerplay	64	11,826	31	56.5	12.4	75.2	50.0	92.2	239.37	71.1	72.5
LCS Pro	65	10,695	37	56.6	11.7	--	--	92.2	220.21	--	--
LCS Nitro	66	12,388	31	55.6	10.9	--	--	80.9	144.16	--	--
Linkert	66	11,226	30	57.0	13.7	66.1	41.2	87.2	249.44	64.2	64.8
MS Stingray	70	12,280	35	54.4	11.0	--	--	87.4	163.19	--	--
Mott	67	12,685	38	57.0	12.5	67.3	46.4	87.0	217.33	66.7	66.9
ND901CL Plus	66	12,458	38	55.9	13.0	69.8	42.3	79.5	190.73	60.9	63.9
Norden	66	12,806	32	58.1	12.1	69.9	45.0	87.4	211.95	66.2	67.4
Prevail	65	12,244	34	56.0	12.9	61.6	42.5	85.3	213.89	63.9	63.1
Prosper	67	11,693	35	56.4	11.5	68.0	46.6	88.7	196.08	67.7	67.8
RB07	63	12,841	30	50.6	13.1	75.3	39.6	61.1	79.07	50.3	58.7
Rolag	64	12,046	31	57.5	13.2	68.2	42.1	86.5	232.05	64.3	65.6
Samson	65	12,805	29	54.0	11.9	71.9	51.5	87.6	190.01	69.5	70.3
Select	62	12,532	38	58.5	12.3	63.6	44.3	82.4	193.24	63.3	63.4
Steele-ND	63	11,961	36	58.2	12.7	71.1	40.7	79.9	191.12	60.3	63.9
Sy 605 CL	64	12,979	36	55.1	13.2	78.0	35.5	89.8	243.97	62.7	67.8
Sy Ingmar	66	13,516	30	56.9	12.7	--	--	88.3	228.56	--	--
Sy Rowyn	64	13,743	32	57.0	12.7	69.9	39.2	87.0	222.20	63.1	65.4
Sy Soren	66	12,754	30	57.0	12.4	68.0	44.7	86.9	213.10	65.8	66.5
Sy Tyra	66	12,856	29	56.2	11.9	70.2	45.0	90.8	216.14	67.9	68.7
Vantage	70	13,254	34	56.2	13.1	63.3	39.2	83.1	210.56	61.1	61.8

Velva	66	12,013	34	55.2	12.3	78.3	45.7	96.0	246.02	70.8	73.3
WB-Digger	65	12,113	34	56.8	10.9	73.7	48.4	96.0	214.47	72.2	72.7
WB-Gunnison	65	11,215	32	57.7	11.4	66.7	40.9	86.4	191.86	63.7	64.7
WB-Mayville	64	11,541	28	55.5	12.0	71.4	39.1	93.2	230.24	66.2	67.9
WB9507	66	11,072	34	54.1	11.8	--	--	89.0	191.07	--	--
WB-9879CLP	66	12,834	32	52.2	12.8	--	46.1	90.8	209.12	68.5	--
Alpine	67	12,202	34	55.9	12.6	71.8	39.6	92.6	238.62	66.1	68.0
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Trial Mean	65	12,187	34	56.4	12.3	70.6	43.5	86.1	204.77	--	--
CV %	1.2	5.8	4.1	1.9	6.4	--	12.9	5.4	--	--	--
LSD 0.10	1	829	2	1.2	1.1	--	6.6	5.5	--	--	--

Planting Date: April 25, 2014

Harvest Date: August 28, 2014

Previous Crop: Oat

Seeding Rate: 1.2 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2014 yield by protein premium or discount paid at the Southwest Grain Terminal located at Gladstone on August 19. The price paid on this date was \$5.33/bu, for a grain protein concentration of 14%. An additional \$.06/bu was paid for each additional 0.2% increase in grain protein up to 15%. An Additional \$.04/bu was paid for each additional 0.2% increase in protein up to 17% above which an additional premium was not paid. Grain was discounted \$0.06/bu for each 0.2% reduction in grain protein from 14% to 9%, 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 \$201.37, the sum of all listed costs from the December 2013 Farm Management Planning Guide Projected 2014 Crop Budgets South West North Dakota for spring wheat.

**2014 Glen Ullin Spring Wheat - Recrop**

**Dickinson, ND**

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	----- Grain Yield-----			Returns <sup>1</sup> \$/ac	----- Average Yield-----	
				2012	2013	2014		2	3
				-----bu/ac-----				----bu/ac----	
Advance	14,920	57.7	13.6	--	89.8	72.3	175.35	81.0	--
Barlow	14,614	57.9	14.5	61.8	88.1	71.5	188.23	79.8	73.8
Elgin-ND	14,646	57.3	14.7	65.2	94.4	73.3	201.01	83.9	77.6
Glenn	14,809	57.6	14.2	64.4	85.6	68.8	165.32	77.2	72.9
Mott	15,257	58.3	14.1	64.6	95.1	77.2	210.25	86.2	79.0
Prevail	13,696	58.8	13.5	--	--	75.0	184.99	--	--
Sy Soren	15,826	56.7	14.6	--	86.4	70.2	182.76	78.3	--
Velva	14,369	55.6	13.8	67.9	97.4	70.8	160.18	84.1	78.7
Trial Mean	14,704	57.6	14.1	62.6	91.8	72.4	183.64	--	--
CV %	3.0	1.2	3.1	--	4.6	6.8	--	--	--
LSD 0.10	624	0.8	0.6	--	5.1	NS	--	--	--

Planting Date: May 15, 2014

Harvest Date: September 8, 2014

Previous Crop: Spring Wheat

Seeding Rate: 1.2 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2014 yield by protein premium or discount paid at the Southwest Grain Terminal located at Gladstone on August 19. The price paid on this date was \$5.33/bu, for a grain protein concentration of 14%. An additional \$.06/bu was paid for each additional 0.2% increase in grain protein up to 15%. An Additional \$.04/bu was paid for each additional 0.2% increase in protein up to 17% above which an additional premium was not paid. Grain was discounted \$0.06/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 \$201.37, the sum of all listed costs from the December 2013 Farm Management Planning Guide Projected 2014 Crop Budgets South West North Dakota for spring wheat.

**2014 Hannover Spring Wheat - Recrop**

**Dickinson, ND**

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	----- Grain Yield-----			Returns <sup>1</sup> \$/ac	----- Average Yield -----	
				2012	2013	2014		2	3
				-----bu/ac-----				----bu/ac----	
Advance	14,007	59.2	13.5	--	60.6	76.4	191.95	68.5	--
Barlow	14,061	59.7	14.1	60.7	53.4	69.3	168.09	61.3	61.1
Elgin-ND	14,315	58.3	13.8	65.1	61.8	73.5	185.89	107.1	66.8
Glenn	13,838	58.9	14.4	60.4	47.5	64.9	148.30	56.2	57.6
Mott	14,995	58.7	13.7	57.4	64.1	74.1	184.47	69.1	65.2
Prevail	13,121	58.4	14.0	--	--	72.6	185.75	--	--
Sy Soren	14,672	59.0	14.3	--	52.1	68.3	166.80	60.2	--
Velva	13,102	57.4	13.6	56.2	60.0	77.4	200.26	68.7	64.5
Trial Mean	13,925	58.9	13.9	60.1	58.4	72.3	180.73	--	--
CV %	3.2	0.7	2.6	--	5.4	4.0	--	--	--
LSD 0.10	638	0.5	0.5	--	3.8	3.5	--	--	--

Planting Date: May 15, 2014

Harvest Date: September 8, 2014

Previous Crop: Lentil

Seeding Rate: 1.2 million live seeds/ac

<sup>1</sup>Returns were calculated by multiplying the 2014 yield by protein premium or discount paid at the Southwest Grain Terminal located at Gladstone on August 19. The price paid on this date was \$5.63/bu, for a grain protein concentration of 14%. An additional \$.06/bu was paid for each additional 0.2% increase in grain protein up to 15%. An Additional \$.04/bu was paid for each additional 0.2% increase in protein up to 17% above which an additional premium was not paid. Grain was discounted \$0.06/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 \$201.37, the sum of all listed costs from the December 2013 Farm Management Planning Guide Projected 2014 Crop Budgets South West North Dakota for spring wheat.