

**2016 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	
						2014	2015	2016	2	3
						-----bu/ac-----			----bu/ac----	
Barlow	67	13,277	25	60.3	14.8	91.1	69.1	48.5	58.8	69.6
Bolles	70	12,971	25	58.2	16.3	88.8	68.9	47.5	58.2	68.4
Boost	70	12,310	25	61.1	15.7	86.8	66.7	52.3	59.5	68.6
Duclair	68	13,208	24	57.9	13.9	88.5	63.9	49.8	56.9	67.4
Egan	68	14,113	22	55.9	15.1	--	--	45.4	--	--
Elgin-ND	69	13,092	25	57.8	13.9	88.9	71.4	48.5	60.0	69.6
Faller	70	12,909	24	58.5	14.1	95.1	68.1	47.1	57.6	70.1
Focus	64	12,876	25	62.1	14.5	--	--	49.6	--	--
Glenn	68	12,744	25	59.2	15.3	86.0	67.8	51.2	59.5	68.3
HRS 3361	69	13,385	23	59.9	14.0	83.9	64.1	55.3	59.7	67.8
HRS 3419	69	15,696	24	59.2	12.2	69.8	76.6	60.5	68.6	69.0
HRS 3504	69	12,577	22	61.4	12.7	--	--	65.0	--	--
HRS 3530	69	12,635	25	60.5	14.4	--	72.2	59.1	65.6	--
HRS 3616	67	11,668	23	61.3	14.3	--	--	48.9	--	--
LCS Anchor	66	13,283	21	60.9	15.5	--	--	51.7	--	--
LCS Breakaway	65	12,855	22	62.6	13.4	88.9	77.6	51.2	64.4	72.6
LCS Iguacu	68	12,595	22	60.2	12.8	78.2	80.9	54.0	67.4	71.0
LCS Nitro	69	13,324	22	57.6	13.8	80.9	85.2	57.0	71.1	74.4
LCS Prime	67	12,017	24	60.1	13.3	--	--	60.5	--	--
LCS Pro	67	10,432	27	62.1	13.7	92.2	77.7	60.7	69.2	76.9
Linkert	67	12,196	23	61.0	14.7	87.2	71.2	52.9	62.0	70.4
MS Chevelle	67	13,564	22	60.8	12.5	--	75.9	57.7	66.8	--
MS Stingray	71	13,131	25	59.4	12.6	87.4	68.8	52.1	60.4	69.4
Mott	69	14,635	26	58.5	15.0	87.0	64.1	45.1	54.6	65.4
ND901CL Plus	68	13,328	25	61.8	14.9	79.5	67.1	49.5	58.3	65.4
Prestige	64	12,946	24	59.1	13.8	--	77.1	54.1	65.6	--
Prevail	65	12,782	24	60.2	13.7	85.3	53.4	57.5	55.5	65.4
Prosper	70	13,079	24	59.5	14.2	88.7	71.1	55.0	63.1	71.6
RB07	66	14,215	22	58.6	15.3	61.1	73.7	47.6	60.7	60.8
Redstone	71	16,537	24	58.9	12.4	--	71.0	56.6	63.8	--
Rolag	66	12,657	24	60.7	14.2	86.5	75.4	52.6	64.0	71.5
Sy Ingmar	69	14,101	23	62.4	14.0	88.3	75.7	56.7	66.2	73.6
Sy Rowyn	66	14,708	23	60.5	13.6	87.0	72.4	58.6	65.5	72.7
Sy Soren	67	14,355	21	59.5	14.5	86.9	70.6	50.1	60.4	69.2
Sy Valda	66	12,979	22	61.0	12.9	--	78.3	63.5	70.9	--
Shelly	70	12,856	23	60.5	13.4	--	--	48.7	--	--
Surpass	63	14,197	24	60.7	13.6	--	78.0	56.2	67.1	--
Sy 605 CL	66	15,318	24	58.7	14.1	89.8	72.0	45.9	59.0	69.2
Sy Tyra	70	12,641	21	61.0	13.3	90.8	73.1	51.9	62.5	71.9
TCG Cornestone	69	12,502	21	59.2	14.8	--	--	52.0	--	--

TCG Spitfire	72	12,025	23	60.6	14.3	--	--	59.7	--	--
TCG Wildfire	68	14,492	23	58.6	14.2	--	--	52.0	--	--
Velva	70	13,289	24	60.1	14.3	96.0	67.0	55.3	61.2	72.8
WB9312	65	13,820	22	61.4	12.8	--	--	56.1	--	--
WB9507	68	11,233	24	59.2	13.7	89.0	71.3	52.8	62.0	71.0
WB9653	67	12,718	22	60.4	14.3	--	69.5	61.8	65.6	--
WB-Mayville	66	11,753	21	60.1	15.1	93.2	73.5	53.7	63.6	73.5
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Trial Mean	67	13,134	24	60.3	14.3	86.1	71.3	52.7	--	--
CV %	1.6	3.5	4.9	2.3	5.1	5.4	5.9	10.4	--	--
LSD 0.05	1	906	2	1.9	1.4	--	5.9	7.6	--	--
LSD 0.10	1	757	1	1.6	1.2	5.5	4.9	6.4	--	--

Planting Date: April 13, 2016

Harvest Date: August 3, 2016

Previous Crop: Rye

Seeding Rate: 1.2 million live seeds/ac

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	----- Grain Yield-----			----- Average Yield -----	
						2014	2015	2016	2	3
						-----bu/ac-----			----bu/ac----	
AC Commander	72	10,481	21	59.0	13.8	72.5	63.5	47.6	55.5	61.2
AC Navigator	73	9,970	21	60.4	14.3	68.4	61.4	43.7	52.5	57.8
Alkabo	72	10,932	24	61.4	12.3	74.3	68.2	53.1	60.7	65.2
Alzada	67	10,140	20	59.7	13.8	56.7	59.6	39.9	49.8	52.1
Ben	71	10,949	25	60.9	13.5	71.5	68.1	43.7	55.9	61.1
CDC Verona	72	10,452	24	61.5	14.1	70.7	59.0	47.7	53.3	59.1
Carpio	72	11,019	24	60.5	12.9	67.0	67.4	52.5	60.0	62.3
Divide	73	10,749	25	60.1	12.7	77.3	73.7	54.2	64.0	68.4
Grenora	72	10,205	24	58.5	12.3	78.1	75.0	51.5	63.3	68.2
Joppa	72	10,537	26	60.8	11.9	80.4	69.1	56.7	62.9	68.7
Lebsock	72	11,177	25	61.9	12.3	72.6	68.2	52.8	60.5	64.6
Maier	72	11,328	24	61.5	12.3	75.5	72.0	45.1	58.5	64.2
Mountrail	72	10,841	24	59.0	12.1	83.2	68.4	50.3	59.3	67.3
Pierce	72	11,195	25	61.8	13.1	74.3	71.4	48.2	59.8	64.6
Rugby	72	10,917	27	60.3	13.4	70.5	66.3	45.8	56.1	60.9
Strongfield	73	10,172	24	58.7	11.9	72.2	63.9	51.2	57.6	62.5
Tioga	72	10,578	25	61.4	12.9	78.3	74.7	51.5	63.1	68.2
VT Peak	71	10,107	25	61.9	13.4	--	--	51.7	--	--
Trial Mean	72	10,539	25	60.7	12.8	76.7	69.3	50.2	--	--
CV %	1.3	4.2	6.1	1.4	4.8	6.9	6.3	9.6	--	--
LSD 0.05	1	894	2	2.0	1.2	--	6.1	6.8	--	--
LSD 0.10	1	745	2	1.6	1.0	6.2	5.1	5.7	--	--

Planting Date: April 12, 2016

Harvest Date: August 4, 2016

Previous Crop: Rye

Seeding Rate: 1.2 million live seeds/ac

## 2016 Barley - Recrop

Dickinson, ND

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	Plump % >6/64	----- Grain Yield-----			----- Average Yield-----	
							2014	2015	2016	2014	2015
							-----bu/ac-----			-----bu/ac-----	
<b>Six Row</b>											
Celebration	71	11,451	19	49.1	15.2	98.3	124.1	102.3	74.3	88.3	100.2
Innovation	69	10,216	20	50.8	14.5	99.3	135.7	97.9	77.8	87.9	103.8
Lacey	69	10,473	20	50.6	14.8	99.0	133.9	110.3	75.2	92.7	106.4
Quest	70	11,069	21	49.9	14.2	98.5	133.2	91.7	74.5	83.1	99.8
Stellar-ND	69	11,166	20	49.3	14.1	98.6	142.6	107.9	75.2	91.5	108.5
Tradition	70	10,796	20	51.1	15.6	99.1	140.6	81.3	69.5	75.4	97.2
<b>Two Row</b>											
AAC Synergy	74	9,453	21	50.9	13.6	98.8	--	--	90.3	--	--
ABI Balster	75	9,885	20	49.9	13.9	97.4	--	--	92.4	--	--
ABI Growler	75	10,110	21	49.1	14.6	97.3	--	--	86.9	--	--
ND Genesis	73	8,737	21	50.8	13.2	99.0	126.5	124.5	88.7	106.6	113.2
CDC Meredith	74	10,112	24	49.5	13.4	97.3	--	126.2	94.9	110.5	--
Conlon	68	8,733	19	51.5	14.5	98.9	106.8	103.4	54.2	78.8	88.1
LCS Genie	75	9,468	19	51.0	13.2	98.6	--	--	97.1	--	--
LCS Odyssey	75	10,151	20	50.4	12.4	99.1	--	--	92.7	--	--
Pinnacle	70	8,701	21	52.5	13.9	99.1	130.3	126.2	80.3	103.2	112.3
Rawson	70	8,490	20	51.4	13.6	99.2	120.4	124.5	73.9	99.2	106.3
SY Sirish	75	9,389	18	51.9	12.8	99.1	--	--	91.4	--	--
Trial Mean	72	9,754	21	50.6	13.9	98.6	133.1	110.4	81.3	--	--
CV %	1.3	4.9	7.7	0.9	5.5	0.3	9.5	9.9	9.2	--	--
LSD 0.05	1	672	2	0.7	1.6	0.5	--	15.5	10.6	--	--
LSD 0.10	1	561	2	0.6	1.3	0.4	14.9	12.9	8.8	--	--

Planting Date: April 14, 2016

Harvest Date: August 5, 2016

Previous Crop: Pea

Seeding Rate: 1.2 million live seeds/ac

Grain protein percentages reported on a 0% moisture basis

## 2016 Oat - Recrop

Dickinson, ND

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	----- Grain Yield-----			Average Yield	
					2014	2015	2016	2 Year	3 Year
					-----bu/ac-----			----bu/ac----	
AC Pinnacle	73	11,330	26	37.1	216.2	161.6	150.3	156.0	176.0
Beach	72	12,831	29	38.1	169.9	115.6	130.9	123.3	138.8
CDC Dancer	72	12,066	26	37.0	170.9	141.3	135.3	138.3	149.1
CDC Minstrel	70	11,515	24	35.5	193.7	149.9	133.9	141.9	159.2
Deon	73	12,050	26	35.5	175.4	150.5	126.9	138.7	150.9
Furlong	72	10,321	28	34.0	165.7	163.3	130.5	146.9	153.1
Goliath	71	12,133	30	36.4	160.3	128.8	103.5	116.2	130.9
Hayden	71	11,421	26	36.6	--	--	140.7	--	--
HiFi	72	13,561	27	34.4	162.9	140.7	123.3	132.0	142.3
Hyttest	71	12,257	28	37.3	178.8	108.8	108.3	108.6	132.0
Jury	70	12,579	28	37.1	151.2	134.0	111.2	122.6	132.1
Killdeer	71	12,016	23	35.4	152.0	149.8	125.3	137.5	142.4
Leggett	72	12,183	26	36.0	197.1	150.1	133.4	141.7	160.2
Newburg	70	11,992	28	36.0	178.0	143.0	115.9	129.5	145.7
Otana	70	13,634	27	36.9	178.5	127.3	126.1	126.7	144.0
Paul*	73	18,940	26	38.6	132.3	105.0	91.8	98.4	109.7
Rockford	71	13,376	27	36.6	174.4	144.1	133.2	138.7	150.6
Souris	71	13,328	23	35.8	173.5	145.0	111.5	128.3	143.3
Stallion	70	14,138	27	39.1	176.1	134.6	118.4	126.5	143.0
Trial Mean	71	12,428	27	35.7	168.6	140.5	122.8	--	--
CV %	1.4	5.1	4.3	3.8	7.7	8.4	9.0	--	--
LSD 0.05	1	1,288	2	1.9	--	16.6	15.5	--	--
LSD 0.10	1	1,072	1	1.6	15.2	13.9	12.9	--	--

Planting Date: April 12, 2016

Harvest Date: August 2, 2016

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Previous Crop: Rye

Seeding Rate: 1 million live seeds/ac

## 2016 Winter Wheat - Recrop

Dickinson, ND

Variety	Heading Date	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	----- Grain Yield-----			Average Yield	
						2014	2015	2016	2	3
						-----bu/ac-----			Year	Year
									bu/ac	bu/ac
AC Broadview	6-Jun	17,480	24	58.0	12.5	104.1	75.1	37.2	56.2	72.1
AC Emerson	7-Jun	21,266	26	57.0	14.5	93.1	79.7	31.7	55.7	68.2
AC Gateway	7-Jun	16,922	22	59.8	14.5	91.2	71.5	32.0	51.7	64.9
Accipiter	10-Jun	17,726	23	58.0	13.9	102.8	83.9	37.8	60.9	74.8
CDC Chase	6-Jun	18,744	24	59.0	14.3	--	76.3	35.1	55.7	--
Colter	8-Jun	14,473	25	60.3	11.5	105.4	75.0	45.4	60.2	75.3
Decade	7-Jun	16,957	23	58.5	14.4	102.2	66.2	34.0	50.1	67.5
Flourish	6-Jun	17,257	24	57.8	13.7	99.5	72.1	33.7	52.9	68.4
Ideal	7-Jun	14,998	23	61.5	11.4	96.2	55.5	40.3	47.9	64.0
Jerry	9-Jun	15,617	25	56.8	13.6	99.9	65.7	28.9	47.3	64.9
Lyman	6-Jun	14,680	26	60.3	13.6	87.0	75.6	35.6	55.6	66.1
Loma	9-Jun	18,114	20	56.5	14.9	--	--	31.6	--	--
Moats	7-Jun	19,375	25	57.3	13.4	87.8	67.2	31.8	49.5	62.3
Ruth	3-Jun	16,186	23	59.8	13.7	--	--	27.6	--	--
Northern	8-Jun	19,103	23	54.8	13.7	--	81.0	36.5	58.8	--
Overland	4-Jun	15,450	25	59.5	13.0	94.4	77.5	31.7	54.6	67.8
Peregrine	8-Jun	17,392	29	58.8	12.2	96.5	79.1	37.9	58.5	71.2
Redfield	7-Jun	15,725	24	59.0	13.4	--	70.2	33.9	52.0	--
SY Monument	6-Jun	16,178	24	57.5	12.4	--	--	48.7	--	--
SY Sunrise	3-Jun	14,815	21	59.8	12.7	--	--	38.7	--	--
SY Wolf	4-Jun	15,318	24	60.5	12.2	96.5	77.0	44.7	60.8	72.7
WB Matlock	7-Jun	16,754	25	59.3	13.1	100.6	75.3	40.2	57.7	72.0
WB4614	6-Jun	15,067	22	55.8	12.4	--	67.8	38.6	53.2	--
Trial Mean	7-Jun	16,702	24	58.6	13.5	94.9	72.8	34.4	--	--
CV %	0.0	7.4	5.9	2.2	7.8	9.4	13.0	16.5	--	--
LSD 0.05	1	2,527	2	2.7	2.2	--	13.3	9.3	--	--
LSD 0.10	1	2,099	2	2.2	1.8	10.6	11.1	7.7	--	--

Planting Date: September 22, 2015

Harvest Date: July 20, 2016

Previous Crop: Rye

Seeding Rate: 1 million live seeds/ac

**2016 Winter Rye - Organic****Dickinson, ND**

Variety	Heading Date	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Grain Yield bu/ac
Aroostok	17-May	22,906	46	55.5	25.2
DR02	23-May	19,676	43	55.0	37.2
DREB15	17-May	20,558	43	55.1	30.8
Dacold	1-Jun	19,283	42	55.0	39.5
Musketeer	23-May	20,595	44	55.9	31.7
Rymin	22-May	18,939	42	55.5	31.6
Spooner	22-May	18,861	46	55.9	28.8
Trial Mean	22-May	20,117	44	55.4	32.1
CV %	1.4	4.4	5.1	0.6	6.8
LSD 0.05	0.4	1,321	3	0.5	3.2
LSD 0.10	0.4	1,091	3	0.4	2.7

Planting Date: October 8, 2015

Harvest Date: July 20, 2016

Previous Crop: Cover crop mix

## 2016 Lentil - Recrop

Dickinson, ND

Variety	Days to Flower	Days to Mature	1000 Seed Weight gm	Seeds per Pound	Plant Height in	Vine Length in	Height Index %	Test Weight lbs/bu	----Grain Yield----			Average Yield	
									2014	2015	2016	2 Year	3 Year
									-----lbs/ac-----			---lbs/ac---	
<b>Large Green Types</b>													
CDC Greenland	49	83	58	7,799	10	13	74	58.0	2,259	2,155	971	1,563	1,795
Pennell	49	81	56	8,793	9	11	79	59.8	2,666	1,583	1,302	1,443	1,850
Riveland	48	81	70	6,480	9	12	75	63.3	2,188	1,659	1,124	1,391	1,657
<b>Medium Green Type</b>													
CDC Richlea	49	81	49	9,338	9	12	79	63.2	2,799	2,337	1,584	1,961	2,240
<b>Small Green Type</b>													
CDC Viceroy	48	81	36	12,744	9	13	74	64.9	3,047	2,544	1,521	2,032	2,371
<b>Small French Green Type</b>													
CDC Lemay	49	81	34	13,196	9	11	79	64.0	2,042	1,949	1,315	1,632	1,769
<b>Medium Red Type</b>													
CDC Red Rider	49	82	43	10,497	9	12	80	62.9	2,796	2,551	1,585	2,068	2,311
<b>Small Red Types</b>													
CDC Redberry	49	82	43	10,528	9	11	80	65.1	2,339	1,811	1,229	1,520	1,793
CDC Rouleau	50	81	39	11,496	9	13	70	62.4	2,679	2,241	1,511	1,876	2,144
<b>Extra Small Red Type</b>													
CDC Rosetown	49	81	29	15,569	9	11	79	64.2	2,577	2,124	1,406	1,765	2,036
Trial Mean	49	81	46	10,644	9	12	77	62.8	2,539	2,095	1,355	--	--



CV %	0.7	0.5	11.4	10.4	7.0	8.9	8.3	3.5	8.8	12.3	9.0	--	--
LSD 0.05	1	1	8	1600	1	2	9	3.2	--	373	177	--	--
LSD 0.10	0	0	6	1328	1	1	8	2.6	268	310	147	--	--

Planting Date: May 5, 2016

Harvest Date: August 4, 2016

Previous Crop: Rye

Seeding Rate: 600,000 live seeds/ac

Grain protein percentages reported on a 0% moisture basis

**2016 Field Pea - Recrop**

Variety	Days	Days	1000	Seeds	Plant	Vine	Height	Test	--Grain Yield--			Average Yield	
	to	to	Seed	per					Height	Length	Index	Weight	2014
	Flower	Mature	Weight	Pound	in	in	%	lbs/bu	-----bu/ac-----			--bu/ac--	
<b>Yellow Types</b>													
Agassiz	58	88	236	1,924	15	16	90	63.4	56.0	59.9	31.2	45.5	49.0
DS Admiral	58	88	241	1,886	15	16	93	64.4	50.0	57.0	29.7	43.4	45.6
Spider	61	95	271	1,676	17	20	88	63.3	--	--	22.6	--	--
<b>Green Types</b>													
Arcadia	58	87	220	2,062	13	15	86	63.2	--	--	30.3	--	--
Cruiser	58	87	201	2,256	14	17	84	63.6	45.5	54.2	26.7	40.4	42.1
CDC Striker	58	87	219	2,074	13	15	87	63.0	48.0	56.4	28.4	42.4	44.3
Nette	58	88	236	1922	15	17	88	63.7	--	--	27.9	--	--
Trial Mean	58	89	232	1,971	14	16	88	63.5	48.9	58.1	28.1	--	--
CV %	0.3	0.2	2.9	3.0	5.7	6.7	6.5	2.2	6.0	7.5	7.4	--	--
LSD 0.05	0	0	10	88	1	2	9	2.0	--	6.4	3.1	--	--
LSD 0.10	0	0	8	73	1	1	7	1.7	3.6	5.3	2.6	--	--

Planting Date: April 14, 2016

Harvest Date: July 22, 2016

Previous Crop: Rye

Seeding Rate: 325,000 live seeds/ac

Grain protein percentages reported on a 0% moisture basis

**2016 Glen Ullin Spring Wheat - Recrop**

**Dickinson, ND**

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	----- Grain Yield-----			----- Average Yield-----	
				2014	2015	2016	2 Year	3 Year
				-----bu/ac-----			----bu/ac----	
Barlow	18,023	57.0	14.5	71.5	68.6	33.6	51.1	57.9
Elgin-ND	16,688	56.4	14.7	73.3	71.8	31.6	51.7	58.9
HRS3419	18,003	56.1	12.8	--	--	45.0	--	--
HRS3530	16,630	56.9	13.8	--	--	39.0	--	--
LCS Nitro	15,403	55.8	13.8	--	--	39.2	--	--
Mott	17,088	56.6	14.0	77.2	79.5	34.0	56.8	63.6
Prestige	17,984	55.5	14.8	--	--	33.8	--	--
Sy Soren	18,241	55.6	15.4	70.2	69.0	30.1	49.5	56.4
Sy Valda	14,826	58.4	13.6	--	--	35.3	--	--
WB9653	14,357	57.9	12.9	--	--	40.3	--	--
Trial Mean	16,724	56.6	14.0	72.4	68.8	36.2	--	--
CV %	4.2	1.1	1.8	6.8	9.1	7.2	--	--
LSD 0.05	1,608	0.9	0.6	--	9.1	3.8	--	--
LSD 0.10	1,303	0.7	0.5	NS	7.5	3.1	--	--

Planting Date: May 4, 2016

Harvest Date: August 22, 2016

Previous Crop: wheat

Seeding Rate: 1.2 million live seeds/ac

Trial received hail damage @ boot stage

**2016 Glen Ullin Barley - Recrop**

**Dickinson, ND**

Variety	Seeds per Pound	Test Weight lbs/bu	% Plump >6/64	Protein %	-----Grain Yield-----			Average Yield	
					2014	2015	2016	2	3
					-----bu/ac-----			----bu/ac----	
<b>Six Row</b>									
Celebration	15,195	44.6	96	14.9	--	--	56.2	--	--
Innovation	13,137	45.1	96	14.7	125.4	86.4	60.7	73.5	90.8
Quest	12,832	44.9	94	13.8	127.1	91.8	59.1	75.4	92.6
<b>Two Row</b>									
ND Genesis	11,334	44.9	96	12.6	125.6	93.0	72.5	82.8	97.0
Pinnacle	11,602	47.0	96	13.3	123.3	94.0	60.8	77.4	92.7
Rawson	10,644	45.4	95	13.7	98.3	80.4	58.0	69.2	78.9
Trial Mean	12,457	45.3	96	13.8	123.0	90.1	61.2	--	--
CV %	6.2	0.9	1.3	3.0	4.8	6.9	6.3	--	--
LSD 0.05	1,975	0.6	NS	1.1	--	9.4	5.8	--	--
LSD 0.10	1,549	0.5	NS	0.8	7.3	7.7	4.7	--	--

Planting Date: May 4, 2016

Harvest Date: August 22, 2016

Previous Crop: wheat

Seeding Rate: 1.2 million live seeds/ac

Grain protein percentages reported on a 0% moisture basis

Trial received hail damage @ boot stage

**2016 Hannover Spring Wheat - Recrop**

**Dickinson, ND**

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	----- Grain Yield-----			----- Average Yield-----	
				2014	2015	2016	2 Year	3 Year
				-----bu/ac-----			----bu/ac----	
Barlow	14,935	59.0	15.1	69.3	61.1	43.1	52.1	57.8
Elgin-ND	16,229	57.0	14.9	73.5	63.2	41.2	52.2	59.3
HRS3419	16,601	56.3	13.4	--	--	43.4	--	--
HRS3530	14,472	57.4	13.8	--	--	41.1	--	--
LCS Nitro	14,743	56.0	13.9	--	--	39.9	--	--
Mott	16,033	57.6	14.7	74.1	65.0	37.8	51.4	58.9
Prestige	15,122	57.4	13.9	--	--	43.7	--	--
Sy Soren	15,228	58.9	14.3	68.3	62.6	44.7	53.6	58.5
Sy Valda	13,325	59.1	13.7	--	--	46.2	--	--
WB9653	13,135	57.9	13.0	--	--	53.9	--	--
Trial Mean	14,982	57.7	14.1	72.3	59.4	43.5	--	--
CV %	2.9	1.0	5.1	4.0	5.5	11.7	--	--
LSD 0.05	988	0.9	1.6	--	4.7	7.4	--	--
LSD 0.10	800	0.7	1.3	3.5	3.9	6.1	--	--

Planting Date: May 4, 2016

Harvest Date: August 22, 2016

Previous Crop: wheat

Seeding Rate: 1.2 million live seeds/ac

**2016 Hannover Durum - Recrop**

**Dickinson, ND**

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	-----Grain Yield-----			Average Yield	
				2014	2015	2016	2	3
				-----bu/ac-----			----bu/ac----	
Alkabo	11,753	58.6	12.6	71.4	76.2	44.3	60.3	64.0
Carpio	11,470	58.9	12.6	64.6	73.2	43.1	58.1	60.3
Divide	11,526	58.5	13.0	57.8	75.6	41.5	58.6	58.3
Joppa	12,002	58.8	12.2	64.5	76.3	45.8	61.0	62.2
Mountrail	11,828	58.4	13.0	--	--	47.6	--	--
Tioga	10,687	57.8	12.4	62.1	73.4	48.3	60.9	61.3
Trial Mean	11,504	58.6	12.7	65.3	70.7	45.9	--	--
CV %	4.6	0.7	1.7	10.3	6.2	9.8	--	--
LSD 0.05	1,227	0.6	0.5	--	6.6	6.6	--	--
LSD 0.10	989	0.5	0.4	8.3	5.4	5.4	--	--

Planting Date: May 4, 2016

Harvest Date: August 22, 2016

Previous Crop: Wheat

Seeding Rate: 1.2 million live seeds/ac

**2016 Hannover Barley - Recrop**

**Dickinson, ND**

Variety	Seeds per Pound	Test Weight lbs/bu	% Plump >6/64	Protein %	-----Grain Yield-----			Average Yield	
					2014	2015	2016	2	3
					-----bu/ac-----			----bu/ac----	
<b>Six Row</b>									
Celebration	12,014	46.5	98	14.1	--	--	83.6	--	--
Innovation	11,016	47.6	99	13.7	111.4	105.0	97.4	101.2	104.6
Quest	12,005	46.8	98	14.6	97.0	89.4	86.5	87.9	91.0
<b>Two Row</b>									
ND Genesis	10,155	47.1	98	12.4	95.5	92.1	93.9	93.0	93.8
Pinnacle	9,800	48.5	98	13.0	111.2	100.9	92.9	96.9	101.7
Rawson	9,032	47.1	98	13.5	91.1	90.8	87.3	89.0	89.7
Trial Mean	10,670	42.3	98	13.6	104.3	95.9	90.3	--	--
CV %	2.9	0.7	0.2	4.1	5.3	4.4	9.2	--	--
LSD 0.05	793	0.5	0	1.4	--	6.3	12.6	--	--
LSD 0.10	621	0.4	0	1.1	8.2	5.2	10.3	--	--

Planting Date: May 4, 2016

Harvest Date: August 22, 2016

Previous Crop: wheat

Seeding Rate: 1.2 million live seeds/ac

Grain protein percentages reported on a 0% moisture basis