

2006 Hard Red Spring Wheat - Alfalfa burn down

Dickinson, ND

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	----- Grain Yield-----			Returns \$/ac	Average Yield	
						2003	2004	2006		2	3
						-----bu/ac-----			---bu/ac---		
AC Superb	61	17,854	29	58.3	16.2	60.8	26.5	44.5	189.65	35.5	43.9
AP 603 CL	64	20,718	30	58.6	17.0	--	--	40.1	171.97	--	--
Ada	60	17,770	27	58.5	15.8	--	--	38.5	164.03	--	--
Alsen	60	19,524	28	59.6	16.1	61.4	27.5	40.1	171.84	33.8	43.0
Amazon	63	17,553	30	57.0	15.3	54.5	14.1	38.2	160.52	26.2	35.6
Banton	56	17,020	29	60.9	15.1	--	14.9	37.1	157.43	26.0	--
Bigg Red	61	17,991	29	61.0	15.5	--	--	41.8	178.04	--	--
Briggs	61	17,957	31	59.0	16.1	57.3	24.1	44.0	188.64	34.0	41.8
Choteau	60	18,145	27	57.4	17.0	--	18.3	41.2	175.12	29.7	--
Dapps	60	18,234	31	57.4	17.1	60.6	11.5	40.8	173.46	26.2	37.6
Freyr	60	18,123	28	59.3	15.7	--	29.7	42.9	183.33	36.3	--
Glenn	57	19,517	27	58.5	16.1	63.9	20.4	41.6	177.66	31.0	42.0
Granger	59	16,175	29	59.9	15.6	68.9	26.7	43.7	186.34	35.2	46.5
Granite	63	18,987	25	60.3	17.1	56.4	29.7	42.0	180.21	35.9	42.7
Gunner	64	19,322	30	59.9	17.0	58.8	27.5	43.7	187.67	35.6	43.4
Hanna	60	17,245	32	57.5	15.8	60.9	31.9	43.8	185.85	37.8	45.5
Howard	59	19,544	29	57.5	15.5	62.9	27.5	43.6	184.55	35.6	44.7
Ingot	58	18,825	31	61.6	15.8	64.1	25.8	42.1	180.33	34.0	44.0
KW 175	60	15,876	27	59.3	16.0	--	--	39.4	168.48	--	--
Kelby	57	18,929	25	60.0	16.0	--	--	38.1	163.24	--	--
Knudson	59	17,585	26	60.3	15.5	--	--	41.4	176.47	--	--
MN 00261-4	61	19,127	26	59.1	16.8	--	--	37.3	159.48	--	--
MN 99436-6	58	17,488	27	61.0	15.4	--	--	42.7	181.95	--	--
Mercury	59	16,743	24	59.4	15.4	61.6	30.2	41.1	175.01	35.7	44.3
ND 803	59	14,148	29	60.8	15.3	60.5	25.5	41.6	176.88	33.6	42.5
ND 804	59	17,890	26	59.9	16.1	--	24.1	40.6	174.01	32.3	--
ND 805	63	18,621	28	56.9	15.6	--	22.1	42.4	178.17	32.2	--
ND 806	62	19,904	30	57.1	16.4	--	29.7	40.3	171.26	35.0	--
ND 807	58	15,925	27	61.4	16.3	--	28.3	40.3	172.84	34.3	--
ND 808	62	17,688	28	57.6	16.0	--	--	41.7	177.79	--	--
ND 809	59	21,989	28	60.4	16.4	--	--	41.2	176.66	--	--
ND 810	60	20,186	29	59.3	16.0	--	--	41.8	179.29	--	--
ND 811	63	17,583	28	58.5	16.1	--	--	43.9	188.12	--	--
ND 812	59	18,090	30	61.5	15.8	--	--	41.5	177.44	--	--
ND 813	58	17,435	30	60.4	15.7	--	--	41.3	176.43	--	--
ND 814	58	17,831	30	60.9	15.4	--	--	38.4	163.07	--	--
ND 815	58	17,413	32	60.3	15.8	--	--	40.5	172.99	--	--
ND 900	64	18,917	30	57.0	16.2	--	--	38.9	164.96	--	--
ND 901	60	17,479	29	60.5	16.7	--	--	43.1	185.08	--	--
ND 902	60	18,517	31	58.6	16.9	--	--	42.1	180.59	--	--
ND 903	64	19,313	28	55.1	17.8	--	--	38.7	159.94	--	--
Norpro	60	17,466	26	59.4	16.2	63.0	27.6	47.2	202.64	37.4	45.9
Oklee	59	17,755	26	59.0	16.5	57.7	24.7	35.3	151.07	30.0	39.2
Outlook	61	17,642	28	58.3	14.8	62.1	30.3	46.4	195.25	38.3	46.2
Oxen	59	18,647	27	59.4	15.2	66.1	28.3	46.1	195.79	37.2	46.8
PT 211	60	18,787	30	56.8	15.8	--	--	41.0	173.14	--	--
PT 425	57	18,713	29	58.0	15.7	--	--	36.4	155.28	--	--
Parshall	60	18,897	28	57.5	16.3	62.5	21.2	41.9	178.87	31.6	41.9
Polaris	65	17,761	28	59.0	14.3	--	20.1	44.4	184.77	32.2	--
Reeder	64	21,206	30	59.0	17.0	65.4	28.4	40.8	175.14	34.6	44.9
Rush	58	18,205	27	60.9	16.6	--	--	36.9	158.30	--	--
Russ	60	19,023	30	58.1	15.9	64.4	25.7	43.3	184.82	34.5	44.5
SD 3851	56	17,496	30	62.3	15.4	--	--	37.4	158.83	--	--
Saturn	65	20,441	28	54.6	17.1	--	30.5	44.6	182.56	37.5	--
Steele-ND	60	19,044	31	57.0	16.0	63.9	26.5	43.4	183.46	35.0	44.6
Traverse	59	17,437	29	57.3	15.3	--	--	41.3	173.88	--	--
Trooper	58	17,874	25	57.0	14.9	--	22.6	41.3	171.78	31.9	--
Ulen	58	17,168	28	59.5	16.4	63.0	21.9	38.2	163.74	30.0	41.0
Trial Mean	60	18,254	28	59.0	16.0	60.8	24.0	41.3	175.62	--	--
CV %	1.0	6.6	5.9	1.6	1.8	6.0	17.8	7.9	--	--	--
LSD 0.05	1	1,670	2	1.3	0.6	5.1	NS	4.6	--	--	--

Planting Date: April 24, 2006

Harvest Date: August 7, 2006

Previous Crop: Alfalfa burn down

Seeding Rate: 1.2 million live seeds/ac

Returns were calculated by multiplying the 2006 yield by protein premium or discount paid at the Southwest Grain Terminal located at Gladstone on August 30. The price paid on this date was \$4.14/bu, assuming that grain protein concentration was 14%. An additional \$.02/bu was paid for each additional 0.2% increase in grain protein up to 15%. \$.01/bu was paid for each additional 0.2% increase in grain protein from 15% to 16% protein, above which an additional premium was not paid. Grain was discounted \$.02/bu for each 0.2% reduction in grain protein from 14% to 11%, below which no additional discount was not 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 50 lb/bu].