

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-----			----- Average Yield -----		
						2003	2004	2006	Returns \$/ac	2 Year bu/ac	3 Year 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
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	--	--
Mercury	59	16,743	24	59.4	15.4	61.6	30.2	41.1	175.01	35.7	44.3
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
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
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 for a grain protein concentration was 14%. \$.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 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 50 lb/bu].