

2004 Glen Ullin Hard Red Spring Wheat

Dickinson, ND

Variety	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	Returns \$/ac	Grain Yield bu/ac
Alsen	19,011	27	56.3	18.2	115.37	24.6
Amazon	13,510	35	57.8	16.7	139.17	29.8
Briggs	17,319	33	58.3	16.9	144.29	30.7
Dapps	17,406	28	57.1	17.6	114.22	24.2
Freyr	18,656	30	58.0	16.8	135.36	28.8
Granite	19,771	26	59.6	19.1	147.58	31.2
Gunner	22,428	28	57.4	18.0	139.71	29.6
Hanna	17,881	30	58.8	15.4	126.17	28.1
Knudson	18,361	27	57.8	17.4	126.29	26.7
Mercury	17,862	25	57.5	15.3	70.76	15.9
Parshall	18,143	29	57.9	17.1	135.75	28.7
Reeder	22,202	27	57.8	18.6	140.48	29.7
Russ	18,557	30	56.6	17.3	150.25	31.9
Steele-ND	19,615	31	56.9	16.0	140.90	30.9
Trial Mean	18,645	29	57.7	17.5	129.84	27.8
CV %	9.0	8.9	2.0	4.2	--	12.5
LSD 0.05	2,400	4	1.6	1.6	--	5.0

Planting Date: April 28, 2004

Harvest Date: August 26, 2004

Seeding Rate: 1.2 million live seeds/ac

Returns were calculated by multiplying the 2004 yield by protein premium or discount paid at the Southwest Grain Terminal located at Gladstone on October 18. The price paid on this date was \$3.53/bu, assuming that grain protein concentration was 14%. An additional \$.09/bu was paid for each additional 0.2% increase in grain protein up to 15%, 15% protein received an additional \$.45/bu. \$.03/bu was paid for each additional 0.2% increase in grain protein from 15% to 17% protein, above which an additional premium was not paid. Grain was discounted \$0.11/bu for each 0.2% reduction in grain protein from 14% to 13%, an additional discount of \$.07/bu for each 0.2% reduction in grain protein from 13% to 11%, below which no additional discount was not assigned. Returns factored in discounts for grain with a test weight <58 lb/bu [-\$.01/bu for 0.5 lb/bu between 58 and 57 lb/bu; -\$0.02/bu for 0.5 lb/bu between 57 and 55 lb/bu; -\$0.03/bu for 0.5 lb/bu between 55 and 50 lb/bu; and -\$0.04/bu for 0.5 lb/bu between 50 and 46 lb/bu].