

2008 Hannover Spring Wheat

Dickinson, ND

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	----- Grain Yield-----			Returns \$/ac	Average Yield ¹	
				2005	2007	2008		2	3
				-----bu/ac-----				----bu/ac----	
Choteau	15,198	60.0	15.9	31.1	32.5	33.7	265.60	33.1	32.4
Faller	15,183	58.8	16.2	--	30.8	30.9	244.99	30.9	--
Glenn	15,475	62.4	16.2	36.4	30.6	29.2	231.92	29.9	32.1
Howard	15,275	59.8	15.7	35.6	30.4	30.3	237.88	30.4	32.1
Kelby	17,016	60.6	16.2	--	28.6	31.9	252.64	30.2	--
Kuntz	17,824	59.8	15.1	--	--	28.9	223.66	--	--
Steele-ND	15,687	60.3	16.2	32.3	29.8	29.4	233.52	29.6	30.5
Traverse	15,336	57.9	15.3	--	30.9	32.9	255.84	31.9	--
Trial Mean	15,918	60.0	16.0	35.7	29.6	31.7	249.91	--	--
CV %	3.1	0.9	1.4	11.9	8.6	9.9	--	--	--
LSD 0.05	706	0.8	0.5	6.1	3.7	NS	--	--	--

Planting Date: April 22, 2008

Harvest Date: August 18, 2008

Previous Crop: Field Pea

Seeding Rate: 1.2 million live seeds/ac

¹Average yields are from 2005, 2007, and 2008 since wheat was not grown in 2006.

Returns were calculated by multiplying the 2008 yield by protein premium or discount paid at the Southwest Grain Terminal located at Gladstone on September 9. The price paid on this date was \$7.18/bu, for a grain protein concentration of 14%. An additional \$.07/bu was paid for each additional 0.2% increase in grain protein up to 15%, 15% protein received an additional \$.20/bu. An additional \$.04/bu was paid for each additional 0.2% increase in grain protein up to 17% above which an additional premium was not paid. Grain was discounted \$0.08/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; -\$.03/bu for 0.5 lb/bu between 57 and 55 lb/bu; -\$.04/bu for 0.5 lb/bu between 55 and 52 lb/bu; and -\$.05/bu for 0.5 lb/bu between 52 and 51 lb/bu].