

## 2008 Glen Ullin Spring Wheat

Dickinson, ND

Variety	Seeds per Pound	Test Weight lbs/bu	Protein %	----- Grain Yield-----			Returns \$/ac	Average Yield <sup>1</sup>	
				2005	2007	2008		2	3
				-----bu/ac-----				----bu/ac----	
Choteau	14,485	61.2	13.7	53.7	39.3	46.1	323.97	42.7	46.4
Faller	13,462	61.0	13.9	--	37.3	46.1	327.37	41.7	--
Glenn	14,873	63.8	14.7	66.6	35.5	40.5	299.35	38.0	47.5
Howard	15,357	61.2	14.3	57.7	38.2	42.1	305.26	40.1	46.0
Kelby	14,696	62.3	14.5	--	23.8	43.8	320.35	33.8	--
Kuntz	16,406	61.8	13.6	--	--	40.2	279.25	--	--
Steele-ND	14,651	61.7	14.7	57.9	37.1	42.9	316.83	40.0	45.9
Traverse	14,563	59.2	12.9	--	39.7	46.8	313.79	43.3	--
Trial Mean	14,914	61.6	14.0	60.9	35.1	45.2	321.96	--	--
CV %	3.1	1.0	3.1	4.8	8.8	6.8	--	--	--
LSD 0.05	779	1.0	1.0	4.2	4.4	5.2	--	--	--

Planting Date: April 22, 2008

Harvest Date: August 18, 2008

Previous Crop: Chemical Fallow

Seeding Rate: 1.2 million live seeds/ac

<sup>1</sup>Average 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].