

**2011 Hard Red Spring Wheat Variety Trial at New Leipzig**

Cooperator: Jan Sprecher, New Leipzig

Variety	Plant	Test	Grain	----- Grain Yield -----			Average Yield		
	Height	Weight	Protein	2008	2010	2011	2 yr	3 yr	
	inches	lbs/bu	%	----- Bushels per acre -----					
Glenn	35	57.7	17.2	17.5	43.3	13.5	28.4	24.8	
Steele-ND	34	53.2	16.8	17.7	41.3	15.2	28.2	24.7	
Faller	34	52.6	16.6	15.3	43.3	15.6	29.4	24.7	
Mott	37	55.6	17.2		46.3	23.6	35.0		
RB07	30	53.8	17.0		50.4	19.7	35.0		
Velva	33	52.5	16.2		47.8	17.1	32.4		
Barlow	35	52.1	17.0		44.7	15.6	30.2		
Sabin	33	54.3	17.3			23.2			
Select	35	55.5	16.3			22.2			
Prosper	32	53.6	16.7			15.7			
SY Tyra	27	51.9	15.6			14.2			
WB Gunnison	32	50.7	16.0			10.3			
Trial Mean	33	53.6	16.7	18.5	45.0	17.1	--	--	
C.V. %	2.7	1.4	1.1	7.4	6.1	9.0	--	--	
LSD 5%	1	1.1	0.2	2.0	3.9	2.2	--	--	
LSD 1%	2	1.5	0.3	NS	5.3	3.0	--	--	

NS = no statistical difference between varieties.

Planting Date: May 5

Harvest Date: August 22

Seeding Rate: 1.1 million live seeds / acre (approx. 1.6 bu/A).

Previous Crop: 2008, 2009 & 2010 = HRSW.

Note: The 2011 trial sustained heat stress and moderate infections of bacterial leaf streak and barley yellow dwarf causing lower test weights and grain yields.