

2011 Hard Red Spring Wheat Variety Trial at Selfridge

Cooperator: Nick Vollmuth, Selfridge

Variety	Plant	Test	Grain	----- Grain Yield -----			Average Yield		
	Height	Weight	Protein	2009	2010	2011	2 yr	3 yr	
	inches	lbs/bu	%	----- Bushels per acre -----					
Barlow	35	51.9	16.9	50.9	43.3	33.3	38.3	42.5	
Faller	36	50.4	16.4	52.5	41.1	32.7	36.9	42.1	
Mott	37	49.7	17.4	50.9	45.3	26.7	36.0	41.0	
Steele-ND	33	50.4	16.7	52.4	38.2	30.4	34.3	40.3	
Glenn	36	53.6	17.1	45.7	42.4	31.6	37.0	39.9	
Velva	35	49.0	16.6		44.8	30.6	37.7		
RB07	36	50.5	17.0		42.8	30.3	36.6		
Sabin	33	51.9	17.2			36.4			
Select	35	52.9	16.1			34.5			
Prosper	37	49.7	16.7			33.7			
SY Tyra	29	46.9	15.6			26.5			
WB Gunnison	30	47.3	16.2			16.2			
Trial Mean	35	50.3	16.7	50.0	43.0	30.2	--	--	
C.V. %	4.0	1.8	1.3	9.3	6.1	6.4	--	--	
LSD 5%	2	1.6	0.4	6.7	3.8	3.3	--	--	
LSD 1%	3	2.1	0.5	9.0	5.1	4.5	--	--	

Planting Date: May 6

Harvest Date: August 22

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

Previous Crop: 2008 = sunflower, 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.