

**2009 Spring Wheat Sawfly Variety Trial****Scranton**

Cooperators: Neal and Justin Freitag, Scranton

Variety	Sawfly *	Plant Height	Test Weight	Grain Protein	---- Grain Yield ----		
	%	inches	lbs/bu	%	2008	2009	2 yr
<i>Hard Red Spring Wheat</i>							
Mott	2	34	61.0	12.8	18.3	58.5	38.4
Vida	4	36	58.8	12.0	11.4	54.9	33.2
Reeder	10	35	61.1	12.1	11.6	52.4	32.0
Steele-ND	14	36	61.7	12.9	10.0	53.1	31.6
Ernest	5	36	61.0	12.5	11.0	51.5	31.2
Choteau	9	31	61.3	12.2	8.3	53.0	30.6
AC Lillian	6	34	59.8	13.3	11.7	47.3	29.5
Howard	12	35	61.5	12.9	5.8	53.2	29.5
Conan	6	32	61.3	12.8	10.7	45.4	28.0
Glenn	11	35	62.7	12.4	6.8	44.2	25.5
<i>Durum Wheat</i>							
Mountrail	14	34	60.7	11.2	9.6	54.4	32.0
Divide	14	34	60.8	11.2	8.8	50.5	29.6
Alkabo	39	35	61.2	10.7	8.9	47.1	28.0
Trial Mean	10	34	61.1	12.1	10.3	51.6	--
C.V. %	82	8.9	1.9	--	27.7	11.1	--
LSD .05	12	NS	1.6	--	4.7	8.2	--
LSD .01	16	NS	2.2	--	6.4	11.0	--

\* Sawfly: Approximate % of stems cut off (lodged) by wheat stem sawfly.  
 NS = no statistical difference between varieties.

Planting Date: May 7

Harvest Date: August 29

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

Previous Crop: hrsw.

Note: The 2008 trial sustained severe heat &amp; moisture stress.