

2010 Sawfly Tolerance Variety Trial - Continuously Cropped - No-till at Regent

Cooperators: August and Perry Kirschmann, Regent

Variety	Plant	Test	Grain	---- Grain Yield ----			<u>Average Yield</u>		
	Height	Weight	Protein	2008	2009	2010	2 yr	3 yr	
	inches	lbs/bu	%	----- Bushels per acre -----					
<i>Tolerant Varieties</i>									
Vida	25	55.1	14.9	11.6	58.4	49.2	53.8	39.7	
Mott	26	57.4	15.2	7.0	47.8	51.5	49.6	35.4	
Choteau	25	55.3	14.8	8.1	52.7	43.4	48.0	34.7	
Conan	25	56.5	15.2	13.4	44.8	42.2	43.5	33.5	
AC Lillian	31	54.8	16.2	10.6	49.1	39.9	44.5	33.2	
<i>Conventional Varieties</i>									
Glenn	29	59.5	15.4	17.0	50.3	48.3	49.3	38.5	
Steele-ND	28	56.3	15.2	14.4	49.8	42.9	46.4	35.7	
Reeder	26	56.4	15.0	8.2	55.0	42.9	49.0	35.4	
<i>Durum Varieties</i>									
Divide	29	53.8	15.4	11.4	53.2	29.4	41.3	31.3	
Mountrail	27	52.0	15.1	6.9	52.4	27.3	39.8	28.9	
Alkabo	27	55.6	14.8	4.2	47.7	32.6	40.2	28.2	
Grenora	25	53.2	14.5			37.6			
Trial Mean	27	55.6	15.0	10.5	51.9	41.8	--	--	
C.V. %	4.5	2.8	3.1	19.2	5.6	6.3	--	--	
LSD .05	2	2.2	0.7	3.4	4.2	3.7	--	--	
LSD .01	2	2.9	0.9	4.5	5.5	5.0	--	--	

Planting Date: April 21

Harvest Date: August 17

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

Previous Crop: 2007, 2008 & 2009 = hrsw.

Note: The 2008 trial sustained severe heat and moisture stress.