

**2010 Sawfly Tolerance Trial**

**Hettinger**

Variety	Days to Head	Plant Height	Lodging	Test Weight	Grain Protein	---- Grain Yield ----		
	*	inches	0-9**	lbs/bu	%	2008	2010	2 yr
						-----	lbs/A	-----
<b>Tolerant Varieties</b>								
Vida	70	33	2	56.2	14.3	35.7	60.6	48.2
Mott	72	35	0	58.3	14.7	26.9	62.2	44.6
Agawam	67	33	1	58.0	13.7	36.6	52.4	44.5
Choteau	69	34	0	58.1	14.7	20.9	60.7	40.8
Conan	70	31	0	58.3	14.0	27.8	52.6	40.2
AC Lillian	72	37	3	54.3	15.5	25.4	50.7	38.0
<b>Conventional (non-tolerant) Varieties</b>								
Reeder	68	34	0	58.2	15.0	25.3	64.4	44.8
Steele-ND	68	35	3	56.9	14.8	24.2	65.0	44.6
Glenn	66	36	0	60.9	15.5	25.6	56.3	41.0
<b>Durum Varieties</b>								
Grenora	72	34	0	57.4	13.6	27.7	65.8	46.8
Mountrail	72	37	0	59.1	13.3	23.9	63.9	43.9
Alkabo	71	35	0	59.3	13.4	23.2	61.3	42.2
Divide	72	36	0	58.2	14.2	18.9	60.0	39.4
Trial Mean	70	34	1	58.0	14.3	24.7	59.6	--
C.V. %	1.1	4.9	100	2.7	1.7	10.7	4.1	--
LSD .05	1	2	1	2.3	0.4	4.4	3.6	--
LSD .01	2	3	1	2.9	0.5	5.9	4.6	--

\* Days to Head: The number of days from planting to head emergence from the boot.

\*\* Lodging: 0 = none, 9 = lying flat on the ground.

Planting Date: April 19

Harvest Date: August 18

Previous Crop: 2007 = durum, 2009 = canola.

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