

2008 Spring Triticale Variety Trial – Continuously Cropped No-till, Hettinger

Variety	Days to Head	Plant Height	Lodging	Test Weight	---- Grain Yield ----			Average Yield	
	*	inches	0-9**	lbs/bu	2006	2007	2008	2 yr	3 yr
					----- bushels per acre -----				
RSI 310	74	46	0.8	45.4	40.6	62.4	58.5	60.4	53.8
Companion	74	46	1.2	40.6	36.7	48.8	46.6	47.7	44.0
Laser	76	48	1.2	44.0	31.7	51.8	44.9	48.4	42.8
Wapiti	75	49	1.5	40.8	39.9	39.7	45.1	42.4	41.6
Trical 2700	79	45	1.8	37.8	32.2	51.9	39.6	45.8	41.2
Marvel	77	48	2.2	37.2	28.1	41.2	46.5	43.8	38.6
Trial Mean	76	47	1.5	41.0	34.9	49.3	46.9	--	--
C.V. %	1.2	5.3	55.9	5.3	9.9	5.9	8.7	--	--
LSD .05	1	NS	NS	3.3	5.2	4.4	6.2	--	--
LSD .01	2	NS	NS	4.5	7.2	6.0	8.5	--	--

* Days to Head = the number of days from planting to head emergence from the boot.

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

NS = no statistical difference between varieties.

Planting Date: April 14, 2008

Harvest Date: August 1, 2008

Seeding Rate: 1 million live seeds / acre.

Previous Crop: 2005 = soybean, 2006 = field pea, 2007 = durum.

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

2008 Winter Triticale Variety Trial **Hettinger**

Variety	Winter Survival	Heading Date	Plant Height	Test Weight	Grain Yield
	%	June	inches	lbs/bu	bu/A
Windrift	87	18	53	48.7	44.1
Boreal	85	19	55	43.4	36.6
HR003	98	14	43	48.8	51.3
NE426GT	99	11	42	48.0	63.3
Trial Mean	92	16	48	47.2	48.8
C.V. %	12.8	14.1	5.4	7.2	8.3
LSD .05	NS	4	4	NS	6.5
LSD .01	NS	5	6	NS	9.3

NS = no statistical difference between varieties.

Planting Date: September 24

Harvest Date: July 30

Previous Crop: Durum

Note: The trial sustained severe late season heat and moisture stress.
Grain yields are based on a bushel weight of 50 lbs/bu.