

2012 Winter Wheat Variety Trial at Hettinger

Variety	Spg Plant	Heading	Plant	Test	Grain	----- Grain Yield -----			Average Yield	
	Stand*	Date	Height	Weight	Protein	2009	2010	2012	2 yr	3 yr
	%	June	inches	lbs/bu	%	----- Bushels per acre -----				
Radiant	84	7	35	59.0	13.5	46.5	83.1	72.9	78.0	67.5
Boomer	69	11	33	57.3	13.3	53.4	79.3	67.5	73.4	66.7
Overland	90	5	31	58.9	13.1	45.2	80.2	73.8	77.0	66.4
Decade	79	6	30	59.6	14.5	54.4	75.3	68.4	71.8	66.0
Lyman	81	6	31	59.3	14.1	49.5	72.3	73.7	73.0	65.2
Accipiter	53	11	31	57.5	13.3	51.0	84.3	58.3	71.3	64.5
Jerry	81	9	35	58.8	13.9	44.3	78.5	66.3	72.4	63.0
Hawken	83	5	27	58.3	14.1	52.4	65.3	68.6	67.0	62.1
Wesley	81	5	27	57.8	14.0	43.6	71.6	66.4	69.0	60.5
Art	73	6	29	58.6	14.4	36.2	74.5	59.7	67.1	56.8
Peregrine	45	10	35	55.0	13.7	44.5	68.5	46.9	57.7	53.3
Ideal	78	8	30	59.6	12.6		76.6	66.3	71.4	
WB Matlock	76	9	33	59.5	13.2			67.2		
Carter	79	8	28	58.6	14.0			66.2		
SY Wolf	76	6	30	58.4	14.0			62.2		
McGill	81	6	33	58.3	12.6			61.8		
Robidoux	76	5	29	57.3	13.5			61.4		
Settler CL	64	7	28	57.9	12.9			57.9		
Trial Mean	75	7	31	58.0	13.7	46.7	74.5	63.7	--	--
C.V. %	13	20	4	1.8	1.7	7.7	5.4	7.7	--	--
LSD 10%	11	2	1	1.3	0.3	4.1	4.7	5.8	--	--

* Spring Plant Stand: Visual estimation of plant stand in the spring after green up (see note below).

Planting Date: September 26, 2011

Harvest Date: July 27, 2012

Seeding Rate: 1 million live seeds / acre (approx. 1.4 bu/A).

Previous Crop: 2008, 2009 & 2011 = HRSW.

Note: The 2012 trial had very poor fall germination and emergence (less than 1%) prior to freeze up. It is believed that most seed germination and vernalization took place during early spring.