

2012 Winter Wheat Variety Trial at Mandan

Cooperator: USDA-ARS, Northern Great Plains Research Lab., Mandan

Variety	Winter	Test	Grain	----- Grain Yield -----			Average Yield		
	Survival	Weight	Protein	2010	2011	2012	2 yr	3 yr	
	%	lbs/bu	%	----- Bushels per acre -----					
Overland	95	58.9	11.6	51.4	34.0	90.0	62.0	58.5	
Art	90	57.3	12.2	44.7	31.9	77.9	54.9	51.5	
Decade	94	56.0	11.6	49.6	30.0	69.2	49.6	49.6	
Wesley	93	56.7	12.0	50.1	19.6	73.3	46.4	47.7	
Jerry	91	56.5	11.1	47.0	19.7	73.7	46.7	46.8	
Lyman	89	57.8	12.3	47.3	25.8	67.1	46.4	46.7	
Boomer	90	55.6	11.5	48.3	22.1	66.2	44.2	45.5	
Hawken	93	57.3	12.5	45.9	20.1	64.0	42.0	43.3	
Accipiter	83	56.1	10.8	44.4	19.2	60.7	40.0	41.4	
Peregrine	73	57.6	11.6	44.5	22.7	55.3	39.0	40.8	
Carter	93	54.1	12.1	40.0	19.5	55.7	37.6	38.4	
Radiant	94	54.3	11.4	38.4	20.6	45.8	33.2	34.9	
SY Wolf	89	58.3	10.9		32.2	87.7	60.0		
WB Matlock	90	58.1	11.2		21.4	77.9	49.6		
McGill	93	57.2	11.2			76.5			
Settler CL	89	58.3	10.6			74.8			
Robidoux	89	56.5	10.8			73.2			
Ideal	90	57.3	11.2			70.8			
Trial Mean	89	56.6	11.5	45.1	23.5	69.5	--	--	
C.V. %	6.9	2.4	4.7	15.4	24.2	17.3	--	--	
LSD 10%	7	1.6	0.6	8.1	6.7	14.2	--	--	

Planting Date: September 27, 2011

Harvest Date: August 1, 2012

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

Previous Crop: 2009 & 2010 = HRSW, 2011 = field pea.

Note: The 2011 trial sustained severe foliar and head disease infestations.