

2009 Winter Wheat Variety Trial - Continuously Cropped - No-till **Mandan**

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

This trial was partially funded by Ducks Unlimited, Bismarck

Variety	Plant Height	Lodging	Test Weight	Grain Protein	---- Grain Yield ----			Average Yield	
	inches	0 – 9*	lbs/bu	%	2007	2008	2009	2 yr	3 yr
----- Bushels per acre -----									
Millennium	34	1	59.3		84.2	55.5	77.7	66.6	72.5
Darrell	32	2	58.5		73.5	60.1	77.1	68.6	70.2
Jagalene	32	1	59.2		60.1	56.7	86.7	71.7	67.8
CDC Buteo	34	2	60.5		70.7	49.2	80.1	64.6	66.7
Radiant	34	1	58.3		55.7	57.3	85.7	71.5	66.2
Hawken	34	1	59.5		74.3	39.1	83.2	61.2	65.5
Jerry	34	2	57.5		60.5	57.7	76.3	67.0	64.8
Wesley	32	0	58.0		73.1	38.0	81.7	59.8	64.3
CDC Falcon	32	1	58.1		54.1	52.6	78.7	65.6	61.8
Expedition	32	2	59.4		55.7	47.9	80.9	64.4	61.5
Alice**	31	2	58.0		61.6	42.1	78.3	60.2	60.7
Yellowstone	38	1	56.6		50.6	53.6	75.7	64.6	60.0
Overland	34	2	59.3			58.9	84.4	71.6	
CDC Peregrine	35	4	59.5			52.3	86.0	69.2	
CDC Accipiter	34	1	58.8			55.0	80.8	67.9	
Lyman	32	4	59.6			43.5	87.5	65.5	
Art	30	3	58.9				80.4		
Mace	31	2	56.3				76.5		
CA9W07-817	35	2	58.4				84.0		
CA9W07-818	31	1	58.3				74.0		
CA9W07-819	34	1	57.2				81.8		
SD5118	34	1	58.7				90.1		
MT0495	31	1	55.0				77.0		
MT0552	35	0	58.8				92.2		
PST 34	36	0	54.1				84.5		
PST 41	28	0	53.4				72.9		
PST 42	35	0	54.9				79.7		
Trial Mean	33	1	58.0		62.7	49.2	81.3	--	--
C.V. %	10	63	1.1		14.3	14.0	7.1	--	--
LSD .05	NS	1	0.9		14.7	9.7	8.1	--	--
LSD .01	NS	2	1.2		19.6	12.9	10.8	--	--

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

** Hard white winter wheat.

NS = No Statistical difference between varieties.

Note: All varieties had 90% + winter survival.

Planting Date: September 16, 2008

Harvest Date: August 14, 2009

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

Previous Crop: 2006 = hrww, 2007 = soybean, 2008 = hrsw.