

**2011 North Dakota winter rye variety descriptions.**

Variety	Origin <sup>1</sup>	Year Released	Height	Straw Strength	Maturity	Seed Color	Seed Size	Test Weight	Winter Hardines
AC Rifle	Canada	1994	Short	V.good	Med.	Blue	Med.	Med.	V.good
AC Remington	Canada	1998	Short	V.good	Med.	NA	Med.	Good	Good
Aroostok	USDA	1999	Tall	Fair	Early	NA	Small	High	V.good
Ensi	Finland	1933	Tall	Fair	Late	NA	Small	Low	NA
Dacold	ND	1989	Med.	Good <sup>2</sup>	V.late	Bl-grn.	Med.	Low	Good
Frederick	SD	1984	Tall	Fair	Late	Tan	Med.	High	Good
Hancock	WI	1979	Tall	Good	Med.	Tan	Large	High	Fair <sup>3</sup>
Musketeers	Canada	1980	Tall	Good	M.early	Blue	Large	Med.	V.good
Prima	Canada	1984	Tall	Good	Med.	Blue	Large	Med.	V.good
Rymin	MN	1973	Tall	V.good	Late	Grn-gray	Large	High	Fair <sup>3</sup>
Spooner	WI	1993	Tall	V.good	Med.	Tan	Large	High	Good
Wheeler	MI	1971	Tall	Fair	Med.	NA	Large	Low	Good
Wrens Abruzzi	GA	1953	Tall	Fair	Early	NA	Small	High	Good

<sup>1</sup>ND = North Dakota State University; SD = South Dakota State University; WI = University of Wisconsin; MN = University of Minnesota;

MI = Michigan State University.

<sup>2</sup>Under certain environments lodging has been observed.

<sup>3</sup>Varieties with fair winter hardiness should not be seeded on bare soil.

**2011 Winter Rye Variety Trial at Hettinger**

Variety	Winter Survival	Plant Height	Test Weight	----- Grain Yield -----		
	%	inches	lbs/bu	2010	2011	Avg.
Dakold	92	52	47.5	105.1	103.2	104.2
Hancock	92	52	51.4	92.9	93.1	93.0
Spooner	78	52	50.1	73.8	82.5	78.2
Aroostok	94	55	50.3	66.3	73.6	70.0
Wheeler	97	58	48.3	53.2	43.9	48.6
Rymin	1	46	43.7	59.3	30.1	44.7
Boreal	98	60	50.1		71.8	
Abruzzi Wrens	95	52	51.3		62.5	
Trial Mean	74	53	48.6	79.1	73.5	--
C.V. %	10	5.1	1.8	4.1	4.2	--
LSD 5%	11	4	1.3	4.7	4.5	--
LSD 1%	14	5	1.7	6.3	6.0	--

Planting Date: September 20, 2010

Harvest Date: August 1, 2011

Seeding Rate: 1 million live seeds / acre

Previous Crop: 2009 = hrsw, 2010 = field pea.