

2011 NOTILL WINTER RYE, TRITICALE AND SPELT

WILLISTON RESEARCH EXTENSION CENTER

Cultivar	Winter Survival	Heading Date	Plant Height	1000 Kwt	1000 Seeds	Grain Protein	Test Weight	Grain Yield				
	%	fr 6/1	inch	gm	/lb	%	lb/bu	2009	2010	2011	2 yr avg	3 yr avg
								bu/ac				
WINTER RYE												
Abruzz Wrens	98.0	1.5	57.8	23.6	19219	12.9	55.7	--	--	40.2	--	--
Aroostook	92.3	1.0	57.7	23.4	19414	11.5	55.3	42.9	41.9	50.2	46.0	45.0
Boreal	97.3	5.5	63.3	21.4	21216	11.2	52.6	--	33.0	37.1	35.1	--
Dacold	95.3	5.8	53.8	25.6	17776	9.2	53.1	--	50.6	60.9	55.7	--
DR02	95.3	4.5	59.6	26.4	17243	8.6	54.5	52.8	56.2	70.1	63.2	59.7
FL 401	17.8	2.5	55.3	25.1	18260	16.3	53.8	--	--	11.0	--	--
Hancock	95.3	3.0	58.6	26.9	16869	9.3	55.7	50.9	56.2	63.9	60.0	57.0
Rymin@	21.3	4.3	55.2	30.7	14790	13.2	53.8	51.6	46.9	29.4	38.2	42.7
Spooner	95.3	2.5	58.8	29.1	15616	9.5	55.7	56.7	47.6	58.9	53.3	54.4
TO-1	80.8	5.0	57.5	30.0	15157	9.1	54.9	--	--	67.1	--	--
TO-2	77.5	4.3	56.4	32.3	14052	8.7	55.7	--	--	68.6	--	--
Wheeler	95.8	5.3	63.9	29.8	15229	14.4	53.9	28.6	23.7	31.2	27.4	27.8
HRW WHEAT												
Jerry	83.8	19.8	43.7	31.9	14237	11.5	59.1	43.4	42.9	43.6	43.3	43.3
WINTER SPELT												
Frank	85.0	27.3	48.3	72.5	6262	12.9	32.9	63.9	50.8	42.0	46.4	52.2
Oberkorn	71.3	25.5	48.6	82.3	5529	12.8	28.6	--	--	46.6	--	--
P1348159	90.0	26.3	49.7	65.4	6939	12.5	29.9	72.0	47.9	40.8	44.3	53.6
WINTER TRITICALE												
Bobcat	77.5	16.8	49.7	24.9	18217	10.1	51.2	--	--	46.7	--	--
Boreal	57.5	18.3	60.3	35.5	12858	9.5	49.9	54.3	23.7	34.2	29.0	37.4
NE426GT	87.5	11.5	47.2	32.1	14186	7.6	51.5	54.8	48.5	73.6	61.1	59.0
Pika	92.5	4.0	61.2	27.7	16416	7.5	54.1	54.3	55.9	61.4	58.7	57.2
Trical 102	88.8	18.0	57.7	28.3	16112	12.6	47.1	--	--	32.3	--	--
MEAN	80.7	10.1	55.4	34.5	15028	11.0	50.4	53.0	47.4	48.1	--	--
C.V. %	13.6	9.8	5.0	4.7	5	13.6	1.9	3.6	17.4	18.4	--	--
LSD 5%	15.5	1.4	3.9	3.4	1613	3.1	1.9	1.1	13.0	12.5	--	--

Bushels/acre figured on 56, 50, 40 and 60 pounds/bushel test weights for rye, triticale, spelt and wheat, respectively.

@ - Rymin had reduced seed germination and poor fall stand establishment.

Planted: Sept. 16, 2010 notill into durum stubble

Harvested: August 4

Grain protein percentages on a 12% moisture basis.

