

NDSU Hettinger Research Extension Center

Hard Red Spring Wheat - 2013	Scranton, ND
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Variety	Plant	Plant	Test	Grain	----- Grain Yield -----			Average Yield	
	Height	Lodge	Weight	Protein	2011	2012	2013	2 yr	3 yr
	inches	0-9*	lbs/bu	%	----- Bushels per acre -----				
Advance	29	3	60.8	14.4	--	--	54.3	--	--
Barlow	35	2	59.8	16.3	34.5	48.9	61.9	55.4	48.4
Elgin-ND	34	1	59.3	15.8	--	58.2	61.6	59.9	--
Faller	31	2	58.6	14.7	28.0	41.1	55.1	48.1	41.4
Forefront	33	2	61.6	15.8	--	--	53.3	--	--
Glenn	34	2	61.1	16.2	27.8	50.7	55.2	52.9	44.6
Mott	35	0	60.6	15.9	34.3	43.3	63.7	53.5	47.1
Prosper	32	2	59.3	14.7	28.9	44.0	57.3	50.7	43.4
RB07	31	3	61.7	16.0	33.0	51.3	57.1	54.2	47.1
Sabin	31	3	61.0	15.3	35.5	49.4	53.5	51.4	46.1
Select	34	4	62.7	15.1	29.9	51.2	56.4	53.8	45.8
SY Soren	27	1	61.1	16.3	29.7	53.1	55.7	54.4	46.2
Velva	32	1	56.3	15.8	31.5	50.1	66.4	58.2	49.3
Trial Mean	32	2	60.3	15.6	28.7	49.3	57.8	--	--
C.V. %	3.6	35.7	2.3	1.7	5.2	5.8	8.0	--	--
LSD 10%	1	1	1.6	0.3	1.6	3.4	5.5	--	--

* 0 = no lodging, 9 = 100% lodged.

Planting Date: April 29

Harvest Date: August 21

Seeding Rate: 1.1 million live seeds / acre (approx. 1.6 bu/A).

Previous Crop: Flax

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Hard Red Spring Wheat - 2013	Regent, ND
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Variety	Plant	Plant	Test	Grain	----- Grain Yield -----			Average Yield	
	Height	Lodge	Weight	Protein	2011	2012	2013	2 yr	3 yr
	inches	0-9*	lbs/bu	%	----- Bushels per acre -----				
Advance	31	4	60.6	15.2	--	--	65.1	--	--
Barlow	36	3	60.5	16.6	30.4	51.1	67.4	59.2	49.6
Elgin-ND	37	2	59.6	16.5	--	60.9	73.8	67.3	--
Faller	34	2	59.8	15.4	34.3	43.0	68.3	55.6	48.5
Forefront	40	3	62.2	16.2	--	--	71.8	--	--
Glenn	37	3	63.3	17.1	27.0	53.0	62.5	57.8	47.5
Mott	38	0	60.6	16.9	33.8	45.2	69.9	57.6	49.6
Prosper	34	3	60.1	15.1	30.0	46.0	71.4	58.7	49.1
RB07	33	4	61.1	16.0	35.2	53.6	69.0	61.3	52.6
Sabin	35	4	60.6	16.0	32.7	51.6	70.2	60.9	51.5
Select	35	4	62.2	15.1	35.4	53.5	72.1	62.8	53.7
SY Soren	29	4	60.9	16.7	34.8	55.5	72.6	64.0	54.3
Velva	33	0	58.4	16.8	34.9	52.4	73.3	62.8	53.5
Trial Mean	35	3	60.8	16.1	31.2	51.5	69.8	--	--
C.V. %	3.6	27.0	0.8	1.6	5.4	5.8	5.7	--	--
LSD 10%	1	1	0.6	1.6	1.8	3.5	4.8	--	--

* 0 = no lodging, 9 = 100% lodged.

Planting Date: April 29

Harvest Date: August 21

Seeding Rate: 1.1 million live seeds / acre (approx. 1.6 bu/A).

Previous Crop: Canola

NDSU Hettinger Research Extension Center

Hard Red Spring Wheat - 2013 **New Leipzig, ND**

Variety	Plant	Plant	Test	Grain	----- Grain Yield -----			Average Yield	
	Height	Lodge	Weight	Protein	2011	2012**	2013	2 yr	3 yr
	inches	0-9*	lbs/bu	%	----- Bushels per acre -----				
Advance	29	3	59.9	14.2	--	--	55.5	--	--
Barlow	32	2	59.3	15.8	15.6	--	57.7	57.7	--
Elgin-ND	34	2	57.9	16.3	--	--	59.2	--	--
Faller	31	2	56.7	15.1	15.6	--	53.5	53.5	--
Forefront	35	2	60.9	15.8	--	--	60.3	--	--
Glenn	33	2	60.1	16.4	13.5	--	57.6	57.6	--
Mott	33	0	58.4	16.2	23.6	--	64.4	64.4	--
Prosper	31	2	56.2	15.2	15.7	--	56.7	56.7	--
RB07	29	3	59.4	16.0	19.7	--	56.2	56.2	--
Sabin	30	2	59.1	15.4	23.2	--	54.3	54.3	--
Select	33	3	61.8	15.0	22.2	--	63.2	63.2	--
SY Soren	28	3	59.4	16.4	14.2	--	59.4	59.4	--
Velva	30	1	55.8	15.9	17.1	--	65.9	65.9	--
Trial Mean	31	2	58.8	15.7	17.1	--	58.8	--	--
C.V. %	3.9	27.7	1.6	2.4	9.0	--	7.9	--	--
LSD 10%	1	1	1.1	0.5	2.2	--	5.5	--	--

* 0 = no lodging, 9 = 100% lodged.

** Location was not planted in 2012.

Planting Date: May 2

Harvest Date: August 21

Seeding Rate: 1.1 million live seeds / acre (approx. 1.6 bu/A).

Previous Crop: Sunflower

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Hard Red Spring Wheat - 2013 **Selfridge, ND**

Variety	Plant	Plant	Test	Grain	----- Grain Yield -----			Average Yield	
	Height	Lodge	Weight	Protein	2011	2012**	2013	2 yr	3 yr
	inches	0-9*	lbs/bu	%	----- Bushels per acre -----				
Advance	32	2	60.0	16.4	--	--	63.1	--	--
Barlow	35	1	59.4	17.7	33.3	--	57.7	57.7	--
Elgin-ND	37	2	57.4	18.5	--	--	61.9	--	--
Faller	34	2	57.3	17.0	32.7	--	61.1	61.1	--
Forefront	38	2	58.9	18.9	--	--	57.8	--	--
Glenn	37	2	60.9	18.6	31.6	--	57.2	57.2	--
Mott	38	0	57.6	18.5	26.7	--	61.3	61.3	--
Prosper	34	2	58.0	17.6	33.7	--	63.5	63.5	--
RB07	33	2	57.9	18.4	30.3	--	63.1	63.1	--
Sabin	34	2	58.9	17.4	36.4	--	64.1	64.1	--
Select	37	2	60.6	17.5	34.5	--	58.4	58.4	--
SY Soren	31	0	58.9	18.4	26.5	--	58.6	58.6	--
Velva	34	1	57.4	18.0	30.6	--	60.2	60.2	--
Trial Mean	35	1	58.7	17.9	30.2	--	60.6	--	--
C.V. %	2.5	28.3	0.9	2.4	6.4	--	6.5	--	--
LSD 10%	1	1	0.6	0.5	3.3	--	4.7	--	--

* 0 = no lodging, 9 = 100% lodged.

** Location was not harvested in 2012.

Planting Date: May 2

Harvest Date: August 26

Seeding Rate: 1.1 million live seeds / acre (approx. 1.6 bu/A).

Previous Crop: Corn

NDSU Hettinger Research Extension Center

Hard Red Spring Wheat - 2013	Mandan, ND
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Variety	Plant	Plant	Test	Grain	----- Grain Yield -----			Average Yield	
	Height	Lodge	Weight	Protein	2011**	2012	2013	2 yr	3 yr
	inches	0-9*	lbs/bu	%	----- Bushels per acre -----				
Advance	32	2	60.0	13.7	--	--	70.3	--	--
Barlow	35	2	60.9	15.2	--	71.2	72.4	71.8	--
Elgin-ND	38	2	59.4	15.4	--	69.1	78.1	73.6	--
Faller	36	3	60.6	14.2	--	64.5	76.9	70.7	--
Forefront	38	1	60.2	15.5	--	--	78.2	--	--
Glenn	38	1	61.2	15.7	--	65.4	70.8	68.1	--
Mott	38	2	60.1	15.1	--	69.1	75.0	72.0	--
Prosper	37	3	60.1	13.7	--	68.1	71.9	70.0	--
RB07	33	1	59.9	14.7	--	69.0	72.3	70.7	--
Sabin	37	2	59.8	15.2	--	77.4	79.7	78.5	--
Select	36	1	61.1	14.7	--	75.7	70.9	73.3	--
SY Soren	31	2	59.4	15.6	--	77.1	76.9	77.0	--
Velva	35	1	60.0	14.8	--	70.2	71.9	71.1	--
Trial Mean	36	2	60.2	14.9	--	70.0	74.3	--	--
C.V. %	2.9	51.9	1.8	3.1	--	3.1	7.3	--	--
LSD 10%	1	1	1.3	0.5	--	2.6	6.5	--	--

* 0 = no lodging, 9 = 100% lodged.

** Location was not harvested in 2011

Planting Date: May 2

Harvest Date: August 26

Seeding Rate: 1.1 million live seeds / acre (approx. 1.6 bu/A).

Previous Crop: Spring Wheat