

**NDSU Langdon Research Extension Center**  
**2010 Variety Trial Data**

**Northern Red River Valley Roundup Ready Soybean Trials - 2010**

**Cavalier- Pembina County (Page 1-2)**

Brand	Variety	Maturity Group <sup>1</sup>	Plant Height	Maturity date <sup>2</sup>	Lodging 0-9	Protein %	Oil %	Test Weight lbs/bu	Yield				
									2008	2009	2010	year	3 year
AgSource	6003	00.8	38	9/22	3.3	26.9	20.2	57.2	--	--	59.7	--	--
AgSource	6007	00.7	38	9/20	2.8	30.2	20.4	57.1	--	50.7	61.2	56.0	--
AgSource	6009	00.9	41	9/24	4.7	30.6	19.6	57.9	--	--	61.0	--	--
Dyna-Gro Seed	30P05	00.5	33	9/19	1.4	30.1	20.6	57.5	--	--	53.9	--	--
Dyna-Gro Seed	30RY09	00.9	43	9/28	4.6	31.7	19.1	57.4	--	--	67.4	--	--
Dyna-Gro Seed	35RY01	0.1	42	9/26	5.3	28.5	20.2	58.6	--	--	65.5	--	--
Dyna-Gro Seed	32B02	0.2	32	9/20	0.6	30.1	20.6	55.5	--	--	52.0	--	--
G2 NuTech	6005	00.5	39	10/4	2.9	32.5	18.5	58.1	--	--	61.4	--	--
G2 NuTech	6008	00.8	38	9/24	0.5	33.1	18.9	56.1	--	--	57.7	--	--
G2 NuTech	0090 RR	00.9	38	9/26	4.5	31.9	20.2	56.5	--	--	60.4	--	--
G2 NuTech	6030	0.2	36	9/29	1.7	32.1	18.8	56.5	--	--	56.0	--	--
G2 NuTech	6049	0.2	47	10/3	3.4	30.1	19.6	58.1	--	52.0	63.0	57.5	--
Gold Country Seed	9008	00.8	40	9/25	2.8	30.2	19.4	58.2	--	52.0	56.6	54.3	--
Gold Country Seed	0140	0.1	40	9/26	5.2	32.2	19.1	58.1	--	--	69.3	--	--
Hefty Seed	H0086R	00.8	40	9/26	6.3	29.7	20.8	56.8	43.9	50.3	65.4	57.8	53.2
Hefty Seed	H0099R	00.9	42	9/28	6.6	31.7	19.7	57.0	37.3	47.7	60.0	53.8	48.3
Hefty Seed	H008Y11RR2	00.8	42	9/26	3.8	29.1	19.8	58.3	--	--	58.1	--	--
Hyland Seeds	RR Russell	00.5	41	9/20	4.8	28.1	21.0	58.8	--	--	53.3	--	--
Hyland Seeds	HS 02R28	0.2	40	9/29	6.5	29.6	18.8	58.9	45.1	46.8	57.7	52.2	49.9
Hyland Seeds	EXP 009RY01	00.9	41	9/28	4.4	30.7	19.6	58.0	--	--	68.9	--	--
Hyland Seeds	EXP 01RY02	0.2	44	9/26	5.3	30.1	19.5	58.3	--	--	64.8	--	--
Hyland Seeds	HXR2Y20	0.2	43	9/27	4.9	32.1	19.1	57.7	--	--	64.8	--	--
Integra/Wilbur Ellis	97009R	00.9	37	9/25	5.6	30.0	20.4	57.7	--	--	67.5	--	--
Integra/Wilbur Ellis	97001R	00.3	38	9/19	3.9	29.0	21.1	56.9	43.7	47.0	65.5	56.3	52.1
Mon/Asgrow	AG00501	00.5	37	9/21	4.4	28.7	20.6	56.7	49.1	60.6	58.1	59.4	55.9
Mon/Asgrow	AG00931	00.9	38	9/24	5.0	29.8	19.6	57.1	--	--	57.9	--	--
Mon/Asgrow	AG0131	0.1	44	9/20	2.2	30.8	19.6	58.2	--	--	69.7	--	--
NK Brand	S01-C9	0.1	39	9/25	3.7	30.8	20.0	55.6	39.9	46.7	54.1	50.4	46.9
NK Brand	S02-K3	0.2	38	9/27	4.6	27.7	20.7	58.6	--	50.4	57.0	53.7	--
NorthStar Genetics	NS0084RR	00.8	42	9/29	5.6	31.1	19.7	56.8	--	48.9	62.1	55.5	--
NorthStar Genetics	NS0091RR	00.9	39	9/26	5.7	31.7	20.2	56.8	--	--	64.8	--	--
NorthStar Genetics	NS0092RR	00.9	38	9/26	6.6	30.6	20.3	56.7	--	--	68.9	--	--
NorthStar Genetics	NS0011RR	00.4	36	9/21	3.8	28.2	21.2	56.7	--	--	54.4	--	--
NorthStar Genetics	NS0096R2	00.9	42	9/24	4.4	30.6	19.5	58.6	--	--	62.0	--	--
NuTech	6007	00.7	37	9/20	2.0	30.3	20.3	57.0	--	--	57.4	--	--
NuTech	6011	0.1	39	9/29	1.4	26.5	20.1	56.2	--	--	56.0	--	--
NuTech	6006	0.1	38	9/28	6.1	30.5	20.4	56.9	--	--	67.2	--	--
NuTech	6022	0.2	40	9/30	5.5	31.7	20.0	57.2	52.9	53.4	68.3	60.9	58.2
PFS	EX2010.01RR2	0.1	44	9/25	4.4	28.6	20.1	58.4	--	--	63.9	--	--
PFS	07008RR	00.8	39	9/29	6.3	29.6	20.5	56.5	46.2	52.2	65.0	58.6	54.5
PFS	11008RR	00.8	38	9/27	3.8	27.4	20.3	57.2	--	--	61.9	--	--
PFS	1000RR	0.1	44	9/30	6.0	30.6	20.2	56.6	--	--	65.5	--	--
Pioneer Brand	900Y71	00.7	37	9/16	0.0	33.6	19.1	56.3	--	--	55.8	--	--
Prairie Brand Seed	PB-00639RR	00.6	39	9/29	5.7	29.1	19.7	57.5	--	52.4	59.6	56.0	--

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Brand	Variety	Maturity Group <sup>1</sup>	Plant Height	Maturity date <sup>2</sup>	Lodging 0-9	Protein %	Oil %	Test Weight lbs/bu	Yield				
									2008	2009	2010	2 year	3 year
Prairie Brand Seed	PB-0401R2	0.4	38	9/25	4.9	32.2	18.8	57.5	--	--	62.1	--	--
Prairie Brand Seed	PB-00950R2	00.9	40	9/26	5.4	32.2	19.0	57.4	--	--	69.6	--	--
Prairie Brand Seed	PB-0230R2	0.2	42	9/26	5.5	30.0	19.9	57.0	--	--	63.3	--	--
Prairie Brand Seed	PB-0301X	0.3	40	9/26	4.6	32.2	18.9	57.9	--	--	62.5	--	--
Proseed	10-06	00.6	37	9/26	3.8	25.5	20.8	57.7	--	--	55.4	--	--
Proseed	P2 10-08 RR2Y	00.8	42	9/25	4.6	30.8	19.5	58.2	--	--	63.7	--	--
REA	5825RR	00.4	37	9/20	3.3	27.3	21.3	56.2	--	--	52.9	--	--
REA	5909RR	00.9	39	9/23	3.5	28.3	20.2	58.3	--	--	54.2	--	--
REA	59G51	00.9	42	9/27	4.2	29.9	19.5	58.9	--	--	65.3	--	--
REA	61G21	0.1	42	9/28	5.8	30.2	20.0	57.1	--	--	70.9	--	--
Stine	0098-84	0.0	38	9/28	5.2	29.4	20.3	57.0	43.5	44.2	60.0	52.1	49.2
Thunder Seed	29004RR	00.4	44	9/28	5.7	31.8	19.7	56.9	--	48.6	58.6	53.6	--
Thunder Seed	31009R2Y	00.9	42	9/26	4.8	29.7	19.8	58.9	--	--	63.9	--	--
Thunder Seed	30005RR	00.5	38	9/26	3.3	31.0	19.9	56.8	--	49.5	69.8	59.6	--
Thunder Seed	29008RR	00.8	38	9/29	5.0	29.6	19.8	57.7	--	50.1	60.7	55.4	--
Thunder Seed	29002RR	00.2	30	9/15	0.2	32.4	19.5	57.1	--	--	55.1	--	--
Wensman Seed	W20051RR	00.5	37	9/25	3.4	27.1	21.1	57.4	45.7	45.9	57.7	51.8	49.8
Wensman Seed	W20074RR	00.7	40	9/28	6.2	30.2	20.6	56.7	48.4	50.7	65.9	58.3	55.0
Wensman Seed	W30084R2	00.8	43	9/29	4.6	31.0	19.3	58.1	--	--	63.4	--	--
Wensman Seed	W30091R2	00.9	39	9/26	4.1	29.7	19.8	57.0	--	--	68.1	--	--
Trial Mean			39	9/25	4.2	30.1	19.9	57.4	44.5	48.2	61.6	--	--
C.V. %			6.7	2.2	30.2	4.3	1.8	2.1	4.7	7.2	10.4	--	--
LSD 5%			3.7	4	1.8	2.6	0.7	1.7	2.9	4.8	9.0	--	--

<sup>1</sup>Maturity Group provided by company

<sup>2</sup>Days to physiological maturity at R7 stage (one brown pod on the main stem obtains mature brown or tan color.)

Yield, oil and protein reported at 13% moisture.

Planting Date: May 20

Harvest Date: October 8