

**NDSU Langdon Research Extension Center
2016 Variety Trial**

Soybean - Roundup Ready - 2016

Cavalier - Pembina County (Page 1-2)

Brand	Variety	Maturity Group ¹	Maturity date ²	Plant Height in	Protein %	Oil %	Yield		
							2016	2 yr Avg.	2-site Avg. ³
Dyna-Gro	S005RY87	00.5	9/8	39	33.7	16.4	67.9	--	66.9
Dyna-Gro	S006RY97	00.6	9/10	33	32.3	16.3	71.8	--	68.9
Dyna-Gro	S009RY56	00.9	9/16	39	33.8	15.8	68.6	64.6	65.0
Hefty	H006R7	00.6	9/12	33	32.9	16.3	61.0	--	61.0
Hefty	H008R6	00.8	9/15	36	33.8	15.9	72.3	--	65.1
Hefty	H00R6	0.0	9/17	41	33.0	16.8	80.3	--	72.1
Integra	20087	00.8	9/16	33	34.4	15.1	80.7	--	76.8
Integra	20097	00.9	9/17	42	33.1	16.7	81.0	--	77.5
Legacy	LS-0135 RR2	0.1	9/17	43	33.5	16.4	79.1	66.8	75.1
Legacy	LS-00835N RR2	00.8	9/16	39	34.3	15.6	74.5	65.7	65.4
Legacy	LS-0214 RR2	0.2	9/18	41	33.3	16.0	84.9	67.5	78.4
Legacy	LS-00834 RR2	00.8	9/9	31	32.5	15.9	64.6	60.4	65.0
NorthStar	NS 0012R2	00.1	8/30	31	31.8	16.8	54.8	--	54.4
NorthStar	NS 0052R2	00.5	9/9	35	34.2	16.2	63.4	--	63.2
NorthStar	NS 0072R2	00.7	9/16	39	33.7	15.9	70.2	--	68.7
NorthStar	NS 0081NR2	00.8	9/13	37	33.2	15.9	71.4	66.8	67.3
NuTech	6008R2	00.8	9/11	35	31.7	16.9	57.1	56.5	56.4
PFS	16R008N	00.8	9/15	39	33.4	16.1	69.2	60.9	64.4
PFS	16R01	0.1	9/17	41	32.6	16.8	79.7	67.6	74.7
Prairie Brand	PB-00727R2	00.7	9/11	34	32.6	16.7	58.0	--	59.8
Prairie Brand	PB00856R2	00.9	9/16	37	34.4	15.6	72.5	67.2	66.6
Prairie Brand	PB00950R2	00.9	9/15	39	33.3	15.9	66.3	58.9	66.1
Prairie Brand	PB-0146R2	0.1	9/17	42	33.0	16.7	80.4	69.5	75.3
Proseed	10-08	00.8	9/15	39	33.1	15.9	67.5	58.2	67.0
Proseed	40-07	00.7	9/2	36	32.5	15.9	60.6	--	61.2
Proseed	50-08	00.8	9/15	39	34.1	15.8	74.9	66.0	68.7
REA	R00727	00.7	9/7	34	32.8	15.9	67.8	--	65.4
REA	R0216	0.2	9/17	43	32.9	16.6	68.6	62.8	70.3
Stine	02RD00	0.2	9/18	33	34.0	15.3	80.0	--	74.9
Syngenta/NK	S006-W5	00.6	9/6	28	33.0	16.7	60.7	--	61.8
Syngenta/NK	S007-Y4	00.7	9/8	30	33.3	16.3	64.7	59.4	62.9

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Brand	Variety	Maturity Group ¹	Maturity date ²	Plant Height in	Protein %	Oil %	Yield		
							2016	2 yr Avg.	2-site Avg. ³
Thunder	34006	00.6	9/10	35	33.0	16.3	69.0	59.0	70.1
Thunder	36008	00.8	9/16	38	33.6	15.6	69.9	65.2	65.6
Thunder	3601	0.1	9/16	43	33.5	16.5	81.7	--	76.7
Thunder	Astro	00.8	9/16	38	33.4	15.3	69.9	64.2	--
Thunder	3503	0.3	9/17	37	35.0	15.2	80.3	--	--
Wensman	W30048R2	00.4	9/8	35	33.7	16.3	60.7	--	--
Wensman	W30085NR2	00.8	9/15	38	34.5	15.5	75.7	64.3	68.6
Trial Mean			9/13	37	33.3	16.1	69.7	--	--
C.V. %			3.8	5.7	1.4	1.9	8.8	--	--
LSD 5%			2.3	3.0	1.0	0.6	8.6	--	--
LSD 10%			2.0	2.5	0.8	0.5	7.2	--	--

¹Maturity Group provided by company

²Date of physiological maturity at R7 stage (one brown pod on the main stem obtains mature brown or tan color.)

³A 2-site average of our northern region, Langdon REC and Pembina County (Cavalier).

Yield, oil and protein reported at 13% moisture.

Lodging was very minimal and is not reported.

Planting Date: May 25

Harvest Date: September 29