

NDSU Langdon Research Extension Center
2014 Variety Trial

Soybean - Roundup Ready - 2014

Cavalier - Pembina County (Page 1-2)

Brand	Variety	Maturity		Plant			Yield		
		Group ¹	Maturity date ²	Height	Protein %	Oil %	2014	2 yr Avg.	2-site Avg. ³
							-----bu/a-----		
Dyna-Gro Seed	30RY04	00.4	9/15	23	NA ⁴		53.5	55.5	45.6
Dyna-Gro Seed	S006RY75	00.6	9/9	23			50.3	--	42.6
Dyna-Gro Seed	S007RY44	00.7	9/15	23			49.6	54.1	44.8
Dyna-Gro Seed	S02RY74	0.2	9/22	27			60.1	63.0	52.2
Hefty Seed	H007Y12	00.7	9/14	24			57.5	59.4	48.5
Hefty Seed	H007R4	00.7	9/14	22			52.8	--	46.9
Hefty Seed	H008R3	00.8	9/19	21			53.4	56.1	45.5
Hefty Seed	H009R3	00.9	9/24	28			60.1	--	53.5
Hefty Seed	H01R4	0.1	9/24	28			56.2	--	46.7
Integra	20031	00.7	9/21	27			52.0	58.6	45.9
Integra	20076N	00.7	9/11	23			47.9	--	41.7
Integra	20090	00.9	9/20	24			55.8	57.2	47.5
Integra	20215	0.0	9/22	27			61.3	--	52.1
Legacy Seed	LS00734 NRR2	00.7	9/10	25			48.6	--	42.0
Legacy Seed	LS00834 RR2	00.8	9/16	22			50.6	--	44.1
Legacy Seed	LS0214 RR2	0.2	9/23	30			59.8	--	50.9
Legacy Seed	LS0134 RR2	0.1	9/25	30			61.2	--	51.5
Mycogen Seeds	5B005R2	00.5	9/16	25			54.3	55.7	47.2
Mycogen Seeds	5G009R2	00.9	9/19	29			56.5	58.6	50.2
Mycogen Seeds	X54J009R2	00.9	9/22	26			59.1	--	50.7
Mycogen Seeds	X54G007R2	00.7	9/17	21			53.7	--	46.2
Mycogen Seeds	5B012R2	0.1	9/22	27			61.5	--	--
Northstar Genetics	NS 0060NR2	00.6	9/10	26			46.7	--	42.4
Northstar Genetics	NS 0080R2	00.6	9/21	29			57.3	60.1	48.2
Nuseed	0074 RR2YN	00.7	9/11	26			48.6	--	42.6
NuTech/G2	6007	00.7	9/19	24			54.6	--	46.7
NuTech/G2	6000	0.0	9/22	23			53.5	--	48.1
PFS	15R006N	00.6	9/9	25			48.7	--	41.9
PFS	14R008	00.8	9/16	22			52.0	53.5	45.5
PFS	14R02	0.2	9/25	30			55.0	60.3	48.5

Brand	Variety	Maturity Group ¹	Maturity date ²	Plant Height in	Protein %	Oil %	Yield		
							2014	2 yr Avg.	2-site Avg. ³
Prairie Brand	PB-00766R2	00.7	9/10	27			50.3	--	45.0
Prairie Brand	PB-00844R2	00.8	9/18	23			57.7	56.9	50.3
Prairie Brand	PB-00950R2	00.9	9/21	28			56.3	62.1	48.5
Prairie Brand	PB-0240R2	0.1	9/20	29			59.6	--	51.4
Prairie Brand	PB-0291R2	0.1	9/23	30			56.5	59.4	46.2
Proseed	P2 11-05	00.5	9/15	24			52.7	53.5	46.0
Proseed	P2 11-07	00.7	9/17	25			55.6	57.4	49.0
Proseed	30-07	00.7	9/18	25			51.9	--	43.9
Proseed	P2 10-08	00.8	9/20	28			60.6	59.7	50.5
Proseed	P2 20-08	00.8	9/17	25			59.9	61.0	49.8
REA	0140	0.1	9/21	26			57.6	--	50.1
REA	53G32	00.3	9/15	22			40.2	46.4	35.9
REA	55G14	00.5	9/16	24			42.8	49.9	40.7
REA	58G82	00.8	9/21	26			46.8	52.4	41.1
REA	61G24	0.1	9/25	28			56.1	--	49.7
Syngenta	NK S007-Y4	00.7	9/12	19			49.3	--	45.2
Syngenta	NK S009-J1	00.9	9/15	20			51.5	--	44.1
Thunder Seed	32005 R2Y	00.5	9/15	24			49.4	--	42.3
Thunder Seed	Astro	00.8	9/21	27			55.2	--	49.5
Thunder Seed	35007 R2YN	00.7	9/10	25			50.8	--	44.9
Thunder Seed	31009 R2Y	00.9	9/20	28			57.2	--	48.9
Thunder Seed	33009 R2YN	00.9	9/20	22			50.4	--	43.1
Wensman Seed	W 30061NR2	00.6	9/10	26			45.7	--	42.3
Wensman Seed	W 30084R2	00.8	9/21	27			55.3	57.7	49.5
Wensman Seed	W 30099R2	00.9	9/21	29			60.2	62.3	49.8
Wensman Seed	W 3024R2	0.2	9/22	27			56.7	60.7	50.2
Trial Mean			9/18	25			53.9	--	--
C.V. %			1.6	8.5			6.3	--	--
LSD 10%			2.1	2.5			4.0	--	--
LSD 5%			2.5	3.0			4.8	--	--

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.

Planting Date: May 29

Harvest Date: October 15

⁴ NA- Not yet available