

NDSU Langdon Research Extension Center
2019 Variety Trial

Soybean - Roundup Ready - 2019

Cavalier - Pembina County (Page 1-2)

Brand	Variety	Herb. Trait ¹	Maturity Group ²	Maturity date ³	Plant Height in	Yield			
						2018	2019	2-yr Avg.	2-site Avg. ⁴
Allegiant	007X32N	RR2XT	00.7	9/6	26	54.8	39.1	47.0	44.5
Allegiant	008X30N	RR2XT	00.8	9/8	29	57.3	38.9	48.1	42.2
Allegiant	009X08	RR2XT	00.9	9/9	29	59.2	42.2	50.7	48.2
Allegiant	01E23	E3	0.1	9/12	23	--	38.7	--	45.8
Allegiant	009x41	RR2Y	0.1	9/13	23	--	37.9	--	43.8
Dahlman	1001E3	E3	0.1	9/13	23	--	35.1	--	41.7
Dahlman	60009X	RR2XT	00.9	9/11	23	--	39.7	--	45.0
Dyna-Gro	S005XT38	RR2XT	00.5	9/6	26	51.3	38.5	44.9	44.1
Dyna-Gro	S007XT27	RR2XT	00.7	9/7	28	53.6	36.0	44.8	44.0
Dyna-Gro	S009XT49	RR2XT	00.9	9/8	28	62.6	40.2	51.4	46.4
Dyna-Gro	S009XT68	RR2XT	00.9	9/9	30	53.7	41.6	47.7	47.9
Golden H.	GH00866	RR2Y	00.8	9/6	27	53.9	40.5	47.2	46.4
Golden H.	GH0145X	RR2XT	0.1	9/10	28	59.3	39.1	49.2	44.6
Hefty Seed	H008X8	RR2XT	00.8	9/7	28	55.3	38.3	46.8	44.0
Hefty Seed	H02X9	RR2XT	0.2	9/14	29	55.7	46.6	51.2	49.9
Integra	20097	RR2Y	00.9	9/7	27	53.2	38.7	46.0	46.7
Integra	40089N	E3	00.8	9/11	29	--	40.2	--	48.3
Integra	40129	E3	0.1	9/12	24	--	34.3	--	37.8
Integra	50001	RR2XT	0.0	9/14	22	--	34.6	--	43.7
Legacy	LS-00639NRR2X	RR2XT	00.6	9/5	27	--	39.4	--	44.8
Legacy	LS-00829E3	E3	00.8	9/12	24	--	34.6	--	39.5
Legacy	LS-00930RR2X	RR2XT	00.9	9/13	21	--	37.8	--	46.6
Legacy	LS-0239NRR2X	RR2XT	0.2	9/12	27	55.0	45.6	50.3	51.2
LG Seeds	LGS00663RX	RR2XT	00.6	9/8	26	53.3	36.3	44.8	43.5
LG Seeds	LGS00899RX	RR2XT	00.8	9/7	27	--	38.9	--	45.4
LG Seeds	LGS0111RX	RR2XT	0.1	9/13	31	56.5	44.7	50.6	50.6
NDSU	ND17009GT	GT	00.9	9/10	28	50.0	37.1	43.6	41.6
NDSU	ND18008GT	GT	00.8	9/5	25	43.5	31.7	37.6	37.0
Syng NK	S006-R7X	RR2XT	00.6	9/5	25	--	36.4	--	41.9
Syng NK	S01-C4X	RR2XT	0.1	9/10	29	55.1	42.4	48.8	--
Syng NK	S02-E3	E3	0.2	9/14	23	--	39.7	--	--
Syng NK	S02-F9X	RR2XT	0.2	9/11	25	--	43.0	--	--
NorthStar	NS60065NXR2	RR2XT	00.6	9/5	27	--	35.3	--	41.5
NorthStar	NS90084NE3	E3	00.7	9/11	29	--	37.4	--	44.0
NorthStar	NS90094E3	E3	00.9	9/11	25	--	32.7	--	39.7
NorthStar	NS90214E3	E3	0.1	9/14	23	--	38.1	--	44.6
Peterson	18X008	RR2XT	00.8	9/7	28	53.2	40.5	46.9	46.0
Peterson	19EN008	E3	00.8	9/10	28	--	35.7	--	44.8
Peterson	20X01	RR2XT	0.2	9/15	23	--	36.6	--	45.0

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Pioneer	P00A49X	RR2XT	0.0	9/13	29	--	36.7	--	45.1
Pioneer	P01A84X	RR2XT	0.1	9/14	25	--	38.6	--	45.7
Pioneer	P03A17X	RR2XT	0.3	9/12	26	--	39.2	--	42.7
Proseed	50-10	RR2Y	0.1	9/7	28	--	42.2	--	47.7
Proseed	XT60-09	RR2XT	00.9	9/8	28	54.7	39.5	47.1	47.1
Proseed	XT80-20N	RR2XT	0.2	9/13	26	54.9	41.2	48.1	48.6
Proseed	XT90-06	RR2XT	00.6	9/4	27	--	36.2	--	42.7
REA	RX00749	RR2XT	00.7	9/5	27	51.5	34.4	43.0	39.8
REA	RX00810	RR2XT	00.8	9/6	22	--	32.9	--	42.7
REA	RX0228	RR2XT	0.2	9/10	29	58.0	42.1	50.1	47.8
Stine	01EA63	E3	00.9	9/14	22	--	36.1	--	43.4
Thunder	ASTRO	RR2Y	00.8	9/8	29	59.6	40.2	49.9	45.1
Thunder	SB8001	RR2XT	0.1	9/13	22	--	35.6	--	44.9
Thunder	SB87009	RR2XT	00.9	9/10	29	58.5	41.5	50.0	--
Thunder	SB88007N	RR2XT	00.7	9/6	28	54.2	38.8	46.5	44.7
Thunder	3601 R2Y	RR2Y	0.1	9/7	29	51.1	40.4	45.8	43.9
Thunder	TE7902	E3	0.2	9/16	22	--	36.4	--	43.2
Trial Mean				9/9	26	53.9	38.4	--	--
C.V. %				1.3	7.4	7.0	7.9	--	--
LSD 5%				1.9	2.7	6.1	4.2	--	--
LSD 10%				1.6	2.3	5.1	3.5	--	--

¹Herbicide Trait - RRXT=RR2Xtend,GT=Glyphosate Tolerant, E3=Enlist.

²Maturity Group provided by company

³Date of physiological maturity at R7 stage (one brown pod on the main stem obtains mature brown or tan color).

⁴A 2-site average of our northern region. Langdon REC and Pembina County (Cavalier).

No lodging observed in trial.

Yield reported at 13% moisture.

Planting Date: May 23

Harvest Date: November 5