

**NDSU Carrington Research Extension Center
2018 Variety Trial Data**

Soybean - Dryland, Roundup Ready Varieties **Carrington (Page 1 of 2)**

Brand	Variety	Maturity Group ¹	Days to PM	Pod	Plant	Plant	Test	Grain	Grain	Seeds/	-- Seed Yield --	
				Height	Height	Lodge	Weight	Protein ²	Oil ²	Pound	2018	2-yr. Avg.
				in.	in.	0-9	lb/bu	%	%		bu/ac	
Channel	0218R2X	0.2	105.8	4.4	32.4	1.8	57.9	36.9	17.9	3698	31.3	44.2
Channel	0518R2X	0.5	109.3	7.0	27.9	0.8	58.2	38.5	17.0	3743	32.2	44.9
Channel	0619R2X	0.6	109.0	4.4	26.3	0.8	58.0	39.1	16.8	4161	29.2	--
Nutech	6026	0.2	110.3	5.1	26.0	2.3	58.0	37.6	17.4	3352	30.3	--
Dairyland	DSR-0450R	0.4	104.0	4.0	29.7	1.0	58.2	38.7	17.1	3721	27.5	--
Nutech	6097R2	0.9	107.3	4.1	28.5	1.5	58.0	36.3	18.2	3886	27.4	48.2
LG Seeds	LGS0111RX	0.1	103.0	3.9	32.5	1.0	58.0	38.4	17.0	3935	30.7	--
LG Seeds	LGS0355RX	0.3	105.5	4.4	28.1	1.0	58.5	37.9	16.7	4244	31.1	--
LG Seeds	LGS0400RX	0.4	107.5	3.5	28.7	2.3	58.3	37.9	17.0	3852	29.8	--
LG Seeds	LGS0550RX	0.5	106.5	3.7	28.9	2.8	58.2	39.1	17.0	4215	30.5	--
REA	RX0228	0.2	103.8	3.7	33.2	1.3	58.1	37.1	17.6	3920	26.8	41.1
REA	RX0516	0.5	107.8	5.3	30.1	2.8	57.9	38.4	17.2	3768	42.3	--
REA	RX0628	0.6	109.8	4.0	27.7	1.3	57.5	37.5	17.2	4106	32.4	41.9
REA	RX0719	0.7	109.5	4.3	26.6	1.8	58.0	37.8	17.6	3768	34.0	--
Thunder	SB8903N	0.3	105.8	3.5	30.1	0.5	57.9	37.2	17.2	3915	34.5	--
Thunder	SB8906N	0.6	110.3	4.5	31.0	0.8	57.9	36.9	17.5	3938	29.9	--
Thunder	3907 R2Y	0.7	110.0	4.1	25.8	3.3	58.0	39.3	17.0	3570	28.4	--
Proseed	80-20	0.2	105.0	5.0	28.1	0.8	58.3	37.8	16.9	4231	32.6	--
Proseed	XT60-40	0.4	108.0	5.2	27.8	1.8	58.0	38.4	17.3	4066	42.8	--
Proseed	30-20		105.3	4.9	28.5	0.3	57.3	38.4	17.7	3579	37.2	--
Dairyland	DSR-C999/R2Y	00.9	105.0	4.0	27.6	1.0	57.9	37.1	17.8	3694	34.2	--
Dairyland	DSR-0225/R2Y	0.2	100.5	4.9	34.1	0.8	58.1	36.3	18.5	4258	30.8	44.6
Dairyland	DSR-0305/R2Y	0.3	107.0	4.0	25.8	0.8	57.8	38.0	17.4	3942	31.8	--
Dairyland	DSR-0418/R2Y	0.4	108.0	6.6	33.0	0.8	58.6	39.3	16.6	3795	28.7	43.6
Dairyland	DSR-0711/R2Y	0.7	109.5	5.1	29.7	0.5	58.6	37.7	16.7	4249	26.7	--
Integra	20215	0.2	105.0	4.3	29.1	0.5	57.6	38.0	17.5	3882	44.3	51.5
Integra	20300	0.3	108.8	3.5	27.1	1.5	57.7	37.6	17.5	3722	31.1	42.7
Integra	50309N	0.3	105.0	3.9	31.1	1.5	58.1	37.3	16.9	4145	36.7	--
Integra	50539N	0.5	109.3	4.5	26.5	1.0	57.9	38.5	17.3	4178	27.5	--
Peterson Farms Seed	17X04N	0.4	107.0	4.2	29.0	0.8	57.9	37.9	17.7	3911	29.4	43.3
Peterson Farms Seed	19X03N	0.3	105.5	3.1	31.6	1.3	58.5	37.6	17.0	4134	38.1	--
Peterson Farms Seed	18X06N	0.6	107.0	3.6	28.1	1.3	58.0	37.8	17.4	4115	31.1	43.5
Dyna-Gro	S03XT29	0.3	105.8	5.4	32.9	2.0	58.4	38.0	16.5	4280	33.9	--
Mean			107.4	4.5	29.3	1.4	58.1	37.9	17.2	3977	30.4	--
C.V. (%)			1.6	33.6	10.0	78.1	0.6	1.3	1.9	5.9	24.5	--
LSD 0.05			2.4	2.1	4.1	1.4	0.5	0.7	0.5	9	10.3	--
LSD 0.10			2.1	1.7	3.4	1.2	0.4	0.6	0.4	8	8.7	--

Planting Date = May 22; Harvest Date = Sept 18; Previous Crop = Spring Wheat

Soybean - Dryland, Roundup Ready Varieties **Carrington (Page 2 of 2)**

Brand	Variety	Maturity Group ¹	Days to PM	Pod	Plant	Plant	Test	Grain	Grain	Seeds/	2-yr.	
				Height	Height	Lodge	Weight	Protein ²	Oil ²	Pound	2018	Avg.
				in.	in.	0-9	lb/bu	%	%			

Data includes only released varieties. Experimental lines are not included. Statistics reflect the entire trial.

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Dyna-Gro	S04XT77	0.4	108.5	3.7	26.8	2.0	58.0	38.3	17.4	3932	32.7	47.5
Dyna-Gro	S05XT88	0.5	110.3	4.0	27.9	1.8	58.0	38.7	17.2	4105	27.6	42.0
Dyna-Gro	S06XT59	0.6	112.0	5.1	29.3	1.5	57.5	36.9	17.2	3728	26.0	39.2
Legacy Seeds	LS-0337N RR2X	0.3	107.5	2.9	27.3	1.3	58.1	38.3	17.4	4037	27.6	45.2
Legacy Seeds	LS-0334 RR2	0.3	110.0	6.6	28.8	1.8	57.8	38.5	17.1	3887	32.8	45.5
Legacy Seeds	LS-0438 RR2X	0.4	108.8	3.5	29.7	2.5	57.9	38.9	17.1	4122	33.8	46.9
Legacy Seeds	LS-0638N RR2X	0.6	111.5	4.3	30.4	1.0	57.8	37.5	16.8	3867	28.1	42.7
Legacy Seeds	LS-0738N RR2X	0.7	110.5	5.2	28.5	1.8	58.6	38.3	16.6	4322	26.7	41.2
Legend Seeds	LS01X850	0.1	105.0	3.8	32.8	1.0	58.7	37.1	17.1	4303	34.7	46.1
Legend Seeds	LS 03X852N	0.3	105.3	3.3	29.4	1.8	58.5	37.7	16.8	4313	29.2	--
Legend Seeds	LS 05X865N	0.5	106.8	4.3	28.0	1.8	58.1	38.9	17.1	4456	35.7	--
Legend Seeds	LS 06X950N	0.6	109.3	4.7	31.6	0.3	57.9	37.2	17.4	3812	30.9	--
Dairyland	DSR-0509R	0.5	108.5	6.3	28.7	0.8	58.5	37.0	17.6	3518	35.7	--
Prairie Brand	PB-0578R2	0.5	106.5	6.2	29.8	1.8	59.1	39.1	16.4	4039	22.6	38.9
Dairyland	DSR-0777/R2Y	0.7	110.8	4.8	29.6	2.8	58.0	37.8	17.3	3886	24.4	--
Dairyland	DSR-0988/R2Y	0.9	112.3	7.0	28.9	2.3	57.7	37.6	17.0	3977	24.3	--
Northstar	NS 60264NXR2	0.2	105.0	4.0	31.4	0.5	58.7	37.7	16.7	4242	27.3	--
Northstar	NS 60442NXR2	0.3	106.3	3.4	27.8	1.3	58.3	38.2	17.5	4234	30.8	42.8
Northstar	NS 60513 NXR2	0.5	108.8	3.4	28.6	2.5	58.3	39.1	17.1	4235	24.2	43.5
Northstar	NS 60823NXR2	0.8	109.8	6.5	27.2	2.5	58.1	38.5	16.7	4115	30.6	--
Northstar	NS 60743NXR2	0.7	110.8	5.3	28.1	1.8	57.8	37.3	16.8	3829	22.8	--
Hefty	02X7	0.2	106.0	4.5	37.2	1.3	58.2	36.9	18.2	3941	29.4	--
Hefty	03X7	0.3	108.5	4.2	29.9	0.8	58.2	38.1	17.1	3456	25.3	41.5
Hefty	04X8	0.4	109.0	3.3	27.5	1.5	58.0	39.5	16.9	4042	29.7	--
Hefty	02X9	0.5	105.8	3.7	29.2	0.8	58.2	37.7	16.7	4278	27.6	--
Hefty	06X8	0.6	111.8	3.7	28.8	1.5	57.6	37.3	16.9	3716	26.8	--
NDSU	ND18008GT	00.8	101.3	2.7	30.0	0.5	58.6	37.1	17.8	4190	28.7	36.6
NDSU	ND17009GT	00.9	103.3	4.8	31.7	1.0	59.5	39.8	16.5	3979	31.3	40.2
Norcan Seeds	Nor06	0.6	104.0	4.1	28.0	1.0	58.2	37.9	18.0	4442	22.8	--
Norcan Seeds	Nor08	0.8	102.8	3.1	30.8	0.8	58.3	38.0	18.0	4635	24.4	--
Proseed	XT7060		110.8	6.0	30.1	1.8	57.9	37.4	16.7	3965	26.6	--
Mean			107.4	4.5	29.3	1.4	58.1	37.9	17.2	3977	30.4	--
C.V. (%)			1.6	33.6	10.0	78.1	0.6	1.3	1.9	5.9	24.5	--
LSD 0.05			2.4	2.1	4.1	1.4	0.5	0.7	0.5	9	10.3	--
LSD 0.10			2.1	1.7	3.4	1.2	0.4	0.6	0.4	8	8.7	--

Planting Date = May 22; Harvest Date = Sept 18; Previous Crop = Spring Wheat

¹Maturity group based on data provided by seed company

² Seed oil and protein contents reported at 13% moisture.