

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

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

Brand	Variety	Maturity Group <sup>1</sup>	Days to PM	Pod Height in.	Plant Height in.	Plant Lodge 0-9	Test Weight lb/bu	Grain Protein <sup>2</sup> %	Grain Oil <sup>2</sup> %	Kernal Weight g/1000	-- Seed Yield --		
											2018	2-yr. Avg.	
											-----	bu/ac	-----
Channel	0218R2X	0.2	105.8	4.4	32.4	1.8	57.9	36.9	17.9	123	31.3	44.2	
Channel	0518R2X	0.5	109.3	7.0	27.9	0.8	58.2	38.5	17.0	121	32.2	44.9	
Channel	0619R2X	0.6	109.0	4.4	26.3	0.8	58.0	39.1	16.8	109	29.2	--	
Nutech	6026	0.2	110.3	5.1	26.0	2.3	58.0	37.6	17.4	135	30.3	--	
Dairyland	DSR-0450R	0.4	104.0	4.0	29.7	1.0	58.2	38.7	17.1	122	27.5	--	
Nutech	6097R2	0.9	107.3	4.1	28.5	1.5	58.0	36.3	18.2	117	27.4	48.2	
LG Seeds	LGS0111RX	0.1	103.0	3.9	32.5	1.0	58.0	38.4	17.0	115	30.7	--	
LG Seeds	LGS0355RX	0.3	105.5	4.4	28.1	1.0	58.5	37.9	16.7	107	31.1	--	
LG Seeds	LGS0400RX	0.4	107.5	3.5	28.7	2.3	58.3	37.9	17.0	118	29.8	--	
LG Seeds	LGS0550RX	0.5	106.5	3.7	28.9	2.8	58.2	39.1	17.0	108	30.5	--	
REA	RX0228	0.2	103.8	3.7	33.2	1.3	58.1	37.1	17.6	116	26.8	41.1	
REA	RX0516	0.5	107.8	5.3	30.1	2.8	57.9	38.4	17.2	121	42.3	--	
REA	RX0628	0.6	109.8	4.0	27.7	1.3	57.5	37.5	17.2	111	32.4	41.9	
REA	RX0719	0.7	109.5	4.3	26.6	1.8	58.0	37.8	17.6	121	34.0	--	
Thunder	SB8903N	0.3	105.8	3.5	30.1	0.5	57.9	37.2	17.2	116	34.5	--	
Thunder	SB8906N	0.6	110.3	4.5	31.0	0.8	57.9	36.9	17.5	115	29.9	--	
Thunder	3907 R2Y	0.7	110.0	4.1	25.8	3.3	58.0	39.3	17.0	127	28.4	--	
Proseed	80-20	0.2	105.0	5.0	28.1	0.8	58.3	37.8	16.9	107	32.6	--	
Proseed	XT60-40	0.4	108.0	5.2	27.8	1.8	58.0	38.4	17.3	112	42.8	--	
Proseed	30-20		105.3	4.9	28.5	0.3	57.3	38.4	17.7	127	37.2	--	
Dairyland	DSR-C999/R2Y	00.9	105.0	4.0	27.6	1.0	57.9	37.1	17.8	123	34.2	--	
Dairyland	DSR-0225/R2Y	0.2	100.5	4.9	34.1	0.8	58.1	36.3	18.5	107	30.8	44.6	
Dairyland	DSR-0305/R2Y	0.3	107.0	4.0	25.8	0.8	57.8	38.0	17.4	115	31.8	--	
Dairyland	DSR-0418/R2Y	0.4	108.0	6.6	33.0	0.8	58.6	39.3	16.6	120	28.7	43.6	
Dairyland	DSR-0711/R2Y	0.7	109.5	5.1	29.7	0.5	58.6	37.7	16.7	107	26.7	--	
Integra	20215	0.2	105.0	4.3	29.1	0.5	57.6	38.0	17.5	117	44.3	51.5	
Integra	20300	0.3	108.8	3.5	27.1	1.5	57.7	37.6	17.5	122	31.1	42.7	
Integra	50309N	0.3	105.0	3.9	31.1	1.5	58.1	37.3	16.9	110	36.7	--	
Integra	50539N	0.5	109.3	4.5	26.5	1.0	57.9	38.5	17.3	109	27.5	--	
Peterson Farms Seed	17X04N	0.4	107.0	4.2	29.0	0.8	57.9	37.9	17.7	116	29.4	43.3	
Peterson Farms Seed	19X03N	0.3	105.5	3.1	31.6	1.3	58.5	37.6	17.0	110	38.1	--	
Peterson Farms Seed	18X06N	0.6	107.0	3.6	28.1	1.3	58.0	37.8	17.4	110	31.1	43.5	
Dyna-Gro	S03XT29	0.3	105.8	5.4	32.9	2.0	58.4	38.0	16.5	106	33.9	--	
Mean			107.4	4.5	29.3	1.4	58.1	37.9	17.2	114	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**

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

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

Brand	Variety	Maturity Group <sup>1</sup>	Days to PM	Pod Height in.	Plant Height in.	Plant Lodge 0-9	Test Weight lb/bu	Grain Protein <sup>2</sup> %	Grain Oil <sup>2</sup> %	Kernal Weight g/1000	2018	2-yr. Avg.
Dyna-Gro	S04XT77	0.4	108.5	3.7	26.8	2.0	58.0	38.3	17.4	115	32.7	47.5
Dyna-Gro	S05XT88	0.5	110.3	4.0	27.9	1.8	58.0	38.7	17.2	111	27.6	42.0
Dyna-Gro	S06XT59	0.6	112.0	5.1	29.3	1.5	57.5	36.9	17.2	122	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	112	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	117	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	110	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	117	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	105	26.7	41.2
Legend Seeds	LS01X850	0.1	105.0	3.8	32.8	1.0	58.7	37.1	17.1	106	34.7	46.1
Legend Seeds	LS 03X852N	0.3	105.3	3.3	29.4	1.8	58.5	37.7	16.8	105	29.2	--
Legend Seeds	LS 05X865N	0.5	106.8	4.3	28.0	1.8	58.1	38.9	17.1	102	35.7	--
Legend Seeds	LS 06X950N	0.6	109.3	4.7	31.6	0.3	57.9	37.2	17.4	119	30.9	--
Dairyland	DSR-0509R	0.5	108.5	6.3	28.7	0.8	58.5	37.0	17.6	129	35.7	--
Prairie Brand	PB-0578R2	0.5	106.5	6.2	29.8	1.8	59.1	39.1	16.4	112	22.6	38.9
Dairyland	DSR-0777/R2Y	0.7	110.8	4.8	29.6	2.8	58.0	37.8	17.3	117	24.4	--
Dairyland	DSR-0988/R2Y	0.9	112.3	7.0	28.9	2.3	57.7	37.6	17.0	114	24.3	--
Northstar	NS 60264NXR2	0.2	105.0	4.0	31.4	0.5	58.7	37.7	16.7	107	27.3	--
Northstar	NS 60442NXR2	0.3	106.3	3.4	27.8	1.3	58.3	38.2	17.5	107	30.8	42.8
Northstar	NS 60513 NXR2	0.5	108.8	3.4	28.6	2.5	58.3	39.1	17.1	107	24.2	43.5
Northstar	NS 60823NXR2	0.8	109.8	6.5	27.2	2.5	58.1	38.5	16.7	110	30.6	--
Northstar	NS 60743NXR2	0.7	110.8	5.3	28.1	1.8	57.8	37.3	16.8	119	22.8	--
Hefty	02X7	0.2	106.0	4.5	37.2	1.3	58.2	36.9	18.2	115	29.4	--
Hefty	03X7	0.3	108.5	4.2	29.9	0.8	58.2	38.1	17.1	131	25.3	41.5
Hefty	04X8	0.4	109.0	3.3	27.5	1.5	58.0	39.5	16.9	112	29.7	--
Hefty	02X9	0.5	105.8	3.7	29.2	0.8	58.2	37.7	16.7	106	27.6	--
Hefty	06X8	0.6	111.8	3.7	28.8	1.5	57.6	37.3	16.9	122	26.8	--
NDSU	ND18008GT	00.8	101.3	2.7	30.0	0.5	58.6	37.1	17.8	108	28.7	36.6
NDSU	ND17009GT	00.9	103.3	4.8	31.7	1.0	59.5	39.8	16.5	114	31.3	40.2
Norcan Seeds	Nor06	0.6	104.0	4.1	28.0	1.0	58.2	37.9	18.0	102	22.8	--
Norcan Seeds	Nor08	0.8	102.8	3.1	30.8	0.8	58.3	38.0	18.0	98	24.4	--
Proseed	XT7060		110.8	6.0	30.1	1.8	57.9	37.4	16.7	115	26.6	--
Mean			107.4	4.5	29.3	1.4	58.1	37.9	17.2	114	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**

<sup>1</sup>Maturity group based on data provided by seed company

<sup>2</sup> Seed oil and protein contents reported at 13% moisture.

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