

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

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

Brand	Variety	Mat. Group ¹	Days to PM ²	Pod	Plant	Plant	Seeds/	Seed	Seed	Test	----- Seed Yield -----		
				Ht	Ht	Lodge	pound	Oil ³	Protein ³	Weight	2-yr.	3-yr.	
				inch	inch	0 to 9	%	%	lb/bu	2018	Avg.	Avg.	
											bu/ac		
Dairyland	DSR-0509R	0.2	120.8	3.7	37.7	2.0		18.1	35.9	57.6	66.8	--	--
Dairyland	DSR-0305/R2Y	0.3	118.5	3.3	38.6	3.5		18.1	35.7	56.9	79.0	--	--
Dairyland	DSR-0450R	0.4	116.8	2.4	40.0	2.0		17.8	36.8	57.6	65.8	--	--
Dairyland	DSR-0418/R2Y	0.4	121.3	4.1	39.9	3.0		17.1	37.4	58.3	72.8	66.9	--
Dairyland	DSR-0509R	0.5	122.0	3.8	38.1	2.5		18.0	35.7	57.4	72.0	--	--
Dairyland	DSR-0418/R2Y	0.5	119.5	3.5	38.3	2.3		17.2	37.1	58.2	71.8	--	--
Dairyland	DSR-0711/R2Y	0.7	123.3	3.7	39.6	2.0		18.2	35.0	57.0	75.8	--	--
Dairyland	DSR-0777/R2Y	0.7	126.8	3.0	40.8	3.8		17.5	36.1	57.6	76.9	--	--
Dairyland	DSR-0988/R2Y	0.9	128.0	4.8	41.5	4.0		17.4	35.6	57.5	71.6	--	--
Dyna-Gro	S03XT29	0.3	118.5	2.9	38.6	3.0		17.6	35.3	57.5	76.7	--	--
Dyna-Gro	S04XT77	0.4	116.5	2.9	38.1	1.3		17.4	37.4	56.9	70.9	67.3	63.0
Dyna-Gro	S05XT88	0.5	118.3	2.7	38.9	3.0		17.9	36.9	56.5	81.7	72.4	--
Dyna-Gro	S06XT59	0.6	127.0	2.2	40.2	3.0		17.0	35.9	57.3	71.3	--	--
Integra	50309N	0.3	116.0	2.8	38.4	3.5		17.7	35.3	57.2	79.0	--	--
Integra	50539N	0.5	121.3	3.9	37.5	2.3		18.0	36.5	56.4	80.9	--	--
Legacy Seeds	LS-0337N RR2X	0.3	115.5	3.1	37.6	2.0		17.6	37.2	56.9	79.2	71.3	--
Legacy Seeds	LS-0334 RR2	0.3	125.5	3.4	38.3	2.0		17.8	36.4	57.2	77.6	72.2	72.1
Legacy Seeds	LS-0438 RR2X	0.4	119.3	2.7	36.5	2.0		18.1	36.2	56.5	78.9	72.3	--
Legacy Seeds	LS-0638N RR2X	0.6	125.3	3.1	39.8	3.3		17.3	35.2	56.8	72.0	66.0	--
Legacy Seeds	LS-0738N RR2X	0.7	126.3	4.1	40.6	2.5		16.9	36.9	56.7	75.9	70.3	--
LG Seeds	LGS0355RX	0.3	117.5	3.2	37.7	3.0		17.6	35.4	57.3	67.1	--	--
LG Seeds	LGS0550RX	0.5	120.3	3.3	36.0	2.3		17.8	36.7	56.7	77.3	--	--
LG Seeds	LGS0774RX	0.7	126.5	3.9	39.0	3.3		17.2	35.4	57.4	69.4	--	--
LG Seeds	LGS0886RX	0.8	126.5	3.7	40.9	2.8		16.7	37.6	57.2	72.7	--	--
NDSU	ND18008GT	0.8	108.5	2.9	39.0	1.5		18.4	36.8	57.5	65.5	--	--
NDSU	ND17009GT	0.9	109.8	2.4	39.1	2.5		18.3	37.3	59.0	64.2	--	--
Nutech	6097R2	0.9	122.5	3.0	37.5	2.8		19.6	33.2	56.8	85.8	77.8	69.3
Peterson Farms Seed	19X03N	0.3	117.5	2.6	38.5	2.5		17.8	35.2	57.3	73.2	--	--
Peterson Farms Seed	17X04N	0.4	115.3	2.7	38.0	1.3		17.5	36.9	56.8	77.8	70.6	66.1
Peterson Farms Seed	18X06N	0.6	123.5	3.2	40.1	3.3		17.3	37.6	57.0	70.7	67.3	--
Proseed	80-20	0.2	116.8	3.1	39.1	3.5		17.7	35.3	57.3	78.7	--	--
Proseed	30-20	0.2	113.8	3.9	40.6	2.0		18.0	36.2	56.6	74.9	--	--
Proseed	XT60-40	0.4	116.5	3.0	37.2	2.3		17.5	37.0	56.5	75.7	--	--
MEAN			119.8	3.2	39.0	2.7		17.7	36.3	57.2	74.2	--	--
C.V. (%)			2.1	30.7	5.0	35.3		1.4	1.2	0.4	7.9	--	--
LSD 0.10			3.0	1.2	2.3	1.1		0.29	0.5	0.28	6.8	--	--
LSD 0.05			3.5	1.4	2.7	1.3		0.34	0.6	0.34	8.1	--	--

Planting Date = May 23 ; Harvest Date = October 23 ; Previous Crop = Faba Bean

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Brand	Variety	Mat. Group ¹	Days to PM ²	Pod	Plant	Plant	Seeds/	Seed	Seed	Test Weight	----- Seed Yield -----		
				Ht	Ht	Lodge	pound	Oil ³	Protein ³		2-yr.	3-yr.	
				inch	inch	0 to 9	%	%	lb/bu	2018	Avg.	Avg.	
				----- bu/ac -----									
REA	RX0228	0.2	114.5	2.9	42.4	2.3		18.3	35.5	57.7	66.6	62.7	--
REA	RX0516	0.5	121.3	2.8	36.2	3.3		16.7	37.3	57.5	76.7	--	--
REA	RX0628	0.6	123.3	3.4	41.0	2.8		17.7	36.5	56.3	69.8	66.3	--
REA	RX0719	0.7	123.3	4.3	38.6	2.5		17.6	37.0	56.9	77.4	--	--
REA	RX0929	0.9	127.8	4.1	40.2	3.5		16.5	38.4	57.2	79.3	--	--
Thunder	SB8903N	0.3	117.3	2.2	39.9	3.3		17.7	35.3	57.2	77.7	--	--
Thunder	SB8906N	0.6	123.0	3.1	41.6	3.8		17.6	36.1	56.5	77.3	--	--
Thunder	3907 R2Y	0.7	125.3	3.8	38.1	3.3		17.3	37.1	57.3	85.9	--	--
MEAN			119.8	3.2	39.0	2.7		17.7	36.3	57.2	74.2	--	--
C.V. (%)			2.1	30.7	5.0	35.3		1.4	1.2	0.4	7.9	--	--
LSD 0.10			3.0	1.2	2.3	1.1		0.29	0.5	0.28	6.8	--	--
LSD 0.05			3.5	1.4	2.7	1.3		0.34	0.6	0.34	8.1	--	--

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¹ Maturity group based on data provided by seed company.

² Days to PM: average of 120 = September 20.

³ Seed oil and protein contents reported at 13% moisture.