

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

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

Brand	Variety	Mat. Group <sup>1</sup>	Days to PM <sup>2</sup>	Pod	Plant	Plant	Seeds/	Seed	Seed	Test	----- Seed Yield -----		
				Ht	Ht	Lodge	pound	Oil <sup>3</sup>	Protein <sup>3</sup>	Weight	2-yr.	3-yr.	
				inch	inch	0 to 9	%	%	lb/bu	-----	bu/ac	-----	
Dairyland	DSR-0509R	0.2	120.8	3.7	37.7	2.0	2140	18.1	35.9	57.6	66.8	--	--
Dairyland	DSR-0305/R2Y	0.3	118.5	3.3	38.6	3.5	2719	18.1	35.7	56.9	79.0	--	--
Dairyland	DSR-0450R	0.4	116.8	2.4	40.0	2.0	2555	17.8	36.8	57.6	65.8	--	--
Dairyland	DSR-0418/R2Y	0.4	121.3	4.1	39.9	3.0	2343	17.1	37.4	58.3	72.8	66.9	--
Dairyland	DSR-0509R	0.5	122.0	3.8	38.1	2.5	2138	18.0	35.7	57.4	72.0	--	--
Dairyland	DSR-0418/R2Y	0.5	119.5	3.5	38.3	2.3	2381	17.2	37.1	58.2	71.8	--	--
Dairyland	DSR-0711/R2Y	0.7	123.3	3.7	39.6	2.0	2559	18.2	35.0	57.0	75.8	--	--
Dairyland	DSR-0777/R2Y	0.7	126.8	3.0	40.8	3.8	2633	17.5	36.1	57.6	76.9	--	--
Dairyland	DSR-0988/R2Y	0.9	128.0	4.8	41.5	4.0	2922	17.4	35.6	57.5	71.6	--	--
Dyna-Gro	S03XT29	0.3	118.5	2.9	38.6	3.0	3033	17.6	35.3	57.5	76.7	--	--
Dyna-Gro	S04XT77	0.4	116.5	2.9	38.1	1.3	2574	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	2571	17.9	36.9	56.5	81.7	72.4	--
Dyna-Gro	S06XT59	0.6	127.0	2.2	40.2	3.0	2899	17.0	35.9	57.3	71.3	--	--
Integra	50309N	0.3	116.0	2.8	38.4	3.5	2977	17.7	35.3	57.2	79.0	--	--
Integra	50539N	0.5	121.3	3.9	37.5	2.3	2644	18.0	36.5	56.4	80.9	--	--
Legacy Seeds	LS-0337N RR2X	0.3	115.5	3.1	37.6	2.0	2628	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	2806	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	2646	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	2919	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	2612	16.9	36.9	56.7	75.9	70.3	--
LG Seeds	LGS0355RX	0.3	117.5	3.2	37.7	3.0	3007	17.6	35.4	57.3	67.1	--	--
LG Seeds	LGS0550RX	0.5	120.3	3.3	36.0	2.3	2614	17.8	36.7	56.7	77.3	--	--
LG Seeds	LGS0774RX	0.7	126.5	3.9	39.0	3.3	2916	17.2	35.4	57.4	69.4	--	--
LG Seeds	LGS0886RX	0.8	126.5	3.7	40.9	2.8	2748	16.7	37.6	57.2	72.7	--	--
NDSU	ND18008GT	00.8	108.5	2.9	39.0	1.5	2869	18.4	36.8	57.5	65.5	--	--
NDSU	ND17009GT	00.9	109.8	2.4	39.1	2.5	2679	18.3	37.3	59.0	64.2	--	--
Nutech	6097R2	0.9	122.5	3.0	37.5	2.8	2490	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	3044	17.8	35.2	57.3	73.2	--	--
Peterson Farms Seed	17X04N	0.4	115.3	2.7	38.0	1.3	2631	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	2741	17.3	37.6	57.0	70.7	67.3	--
Proseed	80-20	0.2	116.8	3.1	39.1	3.5	3000	17.7	35.3	57.3	78.7	--	--
Proseed	30-20	0.2	113.8	3.9	40.6	2.0	2494	18.0	36.2	56.6	74.9	--	--
Proseed	XT60-40	0.4	116.5	3.0	37.2	2.3	2562	17.5	37.0	56.5	75.7	--	--
MEAN			119.8	3.2	39.0	2.7	2685	17.7	36.3	57.2	74.2	--	--
C.V. (%)			2.1	30.7	5.0	35.3	2.5	1.4	1.2	0.4	7.9	--	--
LSD 0.10			3.0	1.2	2.3	1.1	77	0.29	0.5	0.28	6.8	--	--
LSD 0.05			3.5	1.4	2.7	1.3	92	0.34	0.6	0.34	8.1	--	--

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

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

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

Brand	Variety	Mat. Group <sup>1</sup>	Days to PM <sup>2</sup>	Pod	Plant	Plant	Seeds/	Seed	Seed	Test Weight	----- Seed Yield -----				
				Ht	Ht	Lodge	pound	Oil <sup>3</sup>	Protein <sup>3</sup>		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	2593	18.3	35.5	57.7	66.6	62.7	--		
REA	RX0516	0.5	121.3	2.8	36.2	3.3	2729	16.7	37.3	57.5	76.7	--	--		
REA	RX0628	0.6	123.3	3.4	41.0	2.8	2735	17.7	36.5	56.3	69.8	66.3	--		
REA	RX0719	0.7	123.3	4.3	38.6	2.5	2677	17.6	37.0	56.9	77.4	--	--		
REA	RX0929	0.9	127.8	4.1	40.2	3.5	2485	16.5	38.4	57.2	79.3	--	--		
Thunder	SB8903N	0.3	117.3	2.2	39.9	3.3	2969	17.7	35.3	57.2	77.7	--	--		
Thunder	SB8906N	0.6	123.0	3.1	41.6	3.8	2550	17.6	36.1	56.5	77.3	--	--		
Thunder	3907 R2Y	0.7	125.3	3.8	38.1	3.3	2599	17.3	37.1	57.3	85.9	--	--		
MEAN			119.8	3.2	39.0	2.7	2685	17.7	36.3	57.2	74.2	--	--		
C.V. (%)			2.1	30.7	5.0	35.3	2.5	1.4	1.2	0.4	7.9	--	--		
LSD 0.10			3.0	1.2	2.3	1.1	77	0.29	0.5	0.28	6.8	--	--		
LSD 0.05			3.5	1.4	2.7	1.3	92	0.34	0.6	0.34	8.1	--	--		

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

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

<sup>2</sup> Days to PM: average of 120 = September 20.

<sup>3</sup> Seed oil and protein contents reported at 13% moisture.