

**NDSU Carrington Research Extension Center
2019 Variety Trial Data**

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

											----- Seed Yield -----		
Brand	Variety	Trait	Mat. Group ¹	Days to PM ²	Pod Ht inch	Plant Ht inch	Seeds/ pound	Seed Oil %	Seed Protein %	Test Weight lb/bu	2-yr. Avg. 2019 bu/ac	3-yr. Avg. bu/ac	
Croplan	RX0500	RR2XT	0.5	120.8	3.9	34.6	2734	17.8	34.8	56.2	68.4	--	--
Croplan	RX0700	RR2XT	0.7	122.8	3.5	32.3	2708	17.4	34.7	55.6	59.7	--	--
Dairyland Seed	DSR-C999R2Y	RR2Y	00.9	116.0	3.0	31.7	2362	17.7	35.2	55.3	59.9	47.0	--
Dairyland Seed	DSR-0200/R2Y	RR2Y	0.2	113.8	3.0	35.4	2229	17.1	36.0	56.7	59.7	--	--
Dairyland Seed	DSR-0577E	Enlist	0.5	123.0	2.8	31.5	2761	17.4	35.8	56.3	45.6	--	--
Dairyland Seed	DSR-0717E	Enlist	0.7	124.3	3.9	31.7	2838	17.5	35.7	56.1	70.9	--	--
Dairyland Seed	DSR0847E	Enlist	0.8	128.3	3.0	31.3	2642	18.1	34.4	58.5	68.4	--	--
Dyna-Gro	S03XT29	RR2XT	0.3	115.3	2.4	31.3	3007	17.1	34.9	56.2	69.6	51.8	--
Dyna-Gro	S05EN70	Enlist	0.5	121.3	4.1	31.9	2659	17.5	34.6	55.7	59.5	--	--
Dyna-Gro	S06XT59	RR2XT	0.6	122.8	3.4	34.1	3008	17.0	34.6	56.8	65.8	45.9	48.0
Genesis													
Distributed by	G0440E	Enlist	0.4	119.3	4.1	30.7	2558	17.3	35.4	56.2	60.7	--	--
Integra	40129	Enlist	0.1	115.0	3.1	31.9	3405	17.6	35.1	56.2	60.2	--	--
Integra	40209	Enlist	0.2	114.0	3.6	36.3	3435	17.0	35.7	55.8	54.5	--	--
Integra	20215	RR2Y	0.2	114.5	3.7	29.5	2771	16.9	36.0	56.3	56.1	50.2	53.1
Integra	20300	RR2Y	0.3	121.5	3.0	30.9	2915	16.6	36.0	56.3	65.8	48.4	50.4
Integra	50309N	RR2XT	0.3	116.5	3.6	34.3	3031	17.1	34.8	55.8	66.3	51.5	--
Latham	L0438R2X	RR2XT	0.4	119.8	2.8	31.9	2345	17.6	34.3	56.4	64.0	--	--
Latham	L0595E3	Enlist	0.5	121.3	4.9	34.1	2681	17.7	34.3	55.9	62.9	--	--
Latham	L0553R2X	RR2XT	0.5	122.0	3.0	31.7	2439	17.6	35.3	56.2	67.2	--	--
Latham	L0883R2X	RR2XT	0.8	124.8	4.7	31.6	2920	17.1	34.5	56.9	68.5	--	--
Latham	L0982R2	RR2Y	0.9	126.8	3.7	32.5	2837	17.3	35.0	57.2	64.3	--	--
Legacy Seeds	LS-0438 RR2X	RR2XT	0.4	121.8	3.0	32.3	2597	17.8	35.4	55.4	65.9	49.8	53.2
Legacy Seeds	LS-0629N E3	Enlist	0.6	121.5	3.3	27.4	2708	17.9	34.7	57.0	64.7	--	--
Legacy Seeds	LS-0638N RR2X	RR2XT	0.6	122.8	3.5	32.5	3048	17.2	34.3	56.2	67.0	47.6	50.8
Legacy Seeds	LS-0738N RR2X	RR2XT	0.7	122.3	2.8	33.5	2705	17.3	35.0	55.9	72.7	49.7	51.7
Legend Seeds	LS 05X050N	RR2XT	0.5	121.0	2.2	32.5	2487	17.6	34.9	56.4	63.6	--	--
Legend Seeds	LS 06X950N	RR2XT	0.6	122.3	3.5	33.9	2654	17.5	34.8	55.5	62.7	46.8	
LG Seeds	LGS0355RX	RR2XT	0.3	115.5	2.6	31.7	3072	17.2	34.6	56.0	66.4	48.7	
LG Seeds	LGS0400RX	RR2XT	0.4	120.3	3.7	33.5	2490	17.5	34.3	55.8	69.0	49.4	
LG Seeds	LGS0735RX	RR2XT	0.7	125.3	3.1	35.4	2734	17.7	34.2	57.4	65.1	--	
NDSU	ND18008GT	GT	00.8	108.0	3.7	28.0	3067	17.8	36.0	56.9	50.1	39.4	41.1
NDSU	ND17009GT	GT	00.9	110.5	4.1	31.1	2572	18.2	36.5	58.6	56.2	43.7	45.5
NK Seeds	S02-F9X	RR2XT	0.2	115.3	3.4	31.3	2911	17.9	33.7	56.8	64.0	--	--
NK Seeds	S03-S6X	RR2XT	0.3	117.5	3.0	30.5	2928	17.0	34.4	56.3	56.6	--	--
MEAN				120.9	3.4	31.8		17.3	35.3	56.4	64.7	--	--
C.V. (%)				1.3	37.3	10.4		1.3	1.0	0.9	7.5	--	--
LSD 0.10				1.8	NS	NS		0.27	0.4	0.6	5.6	--	--
LSD 0.05				2.2	NS	NS		0.32	0.5	0.7	6.7	--	--

Planting Date = May 21 ; Harvest Date = October 30 ; Previous Crop = Durum

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)**

												----- Seed Yield -----	
Brand	Variety	Trait	Mat. Group ¹	Days to PM ²	Pod	Plant	Seeds/	Seed	Seed	Test	2019	2-yr.	3-yr.
					Ht	Ht	pound	Oil	Protein	Weight		Avg.	Avg.
					inch	inch	%	%	lb/bu	-----		bu/ac	-----
NK Seeds	S05-N5X	RR2XT	0.5	120.5	2.5	30.3	2553	17.8	33.8	56.2	76.4	--	--
NK Seeds	S06-K4X	RR2XT	0.6	120.8	3.0	29.3	2684	16.4	35.3	56.6	69.2	--	--
NK Seeds	S07-Q4X	RR2XT	0.7	123.3	3.6	31.6	2500	17.3	35.0	55.8	72.1	--	--
NorCan	Nor0814	GT	0.8	141.0	2.5	32.7	3135	18.2	35.8	56.3	62.9	--	--
NorCan	Nor08	GT	0.8	143.0	4.7	35.0	3357	18.3	37.1	52.4	61.3	42.8	--
Northstar	NS 60264NXR2	RR2XT	0.2	116.3	3.5	32.1	3017	17.2	34.6	56.2	59.1	43.2	--
Northstar	NS 90334E3	Enlist	0.3	119.8	3.7	31.3	2551	17.1	35.5	56.4	62.4	--	--
Northstar	NS 80405LG+	LLGT27	0.4	124.3	4.1	32.1	2703	16.6	36.2	56.8	66.5	--	--
Northstar	NS 90544NE3	Enlist	0.5	120.0	3.0	31.1	2875	18.1	34.8	57.1	69.2	--	--
Northstar	NS 60555NXR2	RR2XT	0.5	120.8	3.1	33.1	2462	17.5	35.2	56.3	69.4	--	--
Northstar	NS 90764NE3	Enlist	0.7	123.0	3.2	29.3	2664	17.4	36.3	55.4	73.0	--	--
Northstar	NS 80854LG+	LLGT27	0.8	125.0	3.1	35.2	3114	16.8	37.1	56.7	72.8	--	--
Northstar	NS 60823NXR2	RR2XT	0.8	122.8	3.0	29.3	2643	17.3	34.7	55.9	67.3	48.9	--
Peterson Farm Seed	19X03	RR2XT	0.3	115.0	2.4	32.7	3048	17.3	34.8	56.1	61.8	50.0	--
Peterson Farm Seed	20X05	RR2XT	0.5	121.5	3.1	29.5	2525	17.8	34.9	56.3	64.8	--	--
Proseed	XT 80-20	RR2XT	0.2	117.5	2.7	32.9	2955	17.1	34.9	56.1	61.5	47.1	--
Proseed	BX 80-35	LLGT27	0.3	120.5	3.1	29.7	2913	16.9	38.0	56.7	70.5	--	--
Proseed	EL 80-33	Enlist	0.3	120.3	3.9	32.3	2653	17.1	35.8	56.2	63.6	--	--
Proseed	XT 60-40	RR2XT	0.4	118.3	3.0	31.5	2662	17.4	35.4	55.7	66.4	54.6	--
REA Hybrids	RX0330	RR2XT	0.3	122.0	3.5	31.3	2874	17.1	34.8	56.1	52.2	--	--
REA Hybrids	RX0520	RR2XT	0.5	121.8	3.5	30.3	2312	17.1	36.0	56.7	69.3	--	--
REA Hybrids	RX0719	RR2XT	0.7	120.8	2.6	32.1	2840	17.6	35.5	55.7	64.2	49.1	--
Thunder	SB8903N	RR2XT	0.3	116.8	3.1	30.4	3002	17.1	34.8	56.2	64.6	49.6	--
Thunder	TE7906N	Enlist	0.6	122.3	3.4	30.3	2912	17.9	34.8	56.9	63.7	--	--
Thunder	SB8906N	RR2XT	0.6	121.5	3.0	34.5	2557	17.5	34.7	55.0	64.9	47.4	--
Thunder	SB8807N	RR2XT	0.7	124.0	2.9	35.2	3069	17.2	34.4	56.8	64.8	--	--
Thunder	SB8009N	RR2XT	0.9	126.0	3.3	30.9	2889	17.0	34.5	57.2	61.0	--	--
MEAN				120.9	3.4	31.8		17.3	35.3	56.4	64.7	--	--
C.V. (%)				1.3	37.3	10.4		1.3	1.0	0.9	7.5	--	--
LSD 0.10				1.8	NS	NS		0.27	0.4	0.6	5.6	--	--
LSD 0.05				2.2	NS	NS		0.32	0.5	0.7	6.7	--	--

Planting Date = May 21 ; Harvest Date = October 30 ; Previous Crop = Durum

¹ Maturity group based on data provided by seed company.

² Days to PM: average of 121 = September 19.

* Plant lodging scores not recorded: Lodging was variable due to differential snow accumulations from Oct.10-11 blizzard.