

**NDSU Carrington Research Extension Center
2020 Variety Trial Data**

Soybean - Irrigated, Roundup Ready Varieties	Carrington
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Brand	Variety	Trait	Mat. Group ¹	Days to PM ²	Pod Ht inch	Plant Ht inch	Plant Lodge ³ 0 to 9	Seeds/ pound	Seed Oil ⁴ %	Seed Protein ⁴ %	Test Weight ⁴ lb/bu	----- Seed Yield ⁴ -----		
												2020	2-yr. Avg. bu/ac	3-yr. Avg. bu/ac
Dairyland Seed	DSR-0577E	Enlist E3	0.5	122.5	2.4	34.5	1.3	3375	18.4	36.0	58.3	60.9	56.9	--
Dairyland Seed	DSR-0645E	Enlist E3	0.6	123.3	2.0	32.1	2.3	3447	18.5	34.2	57.9	61.2	--	--
Dairyland Seed	DSR-0717E	Enlist E3	0.7	123.3	1.3	33.8	2.0	3748	17.5	36.0	58.8	56.3	--	--
Dairyland Seed	DSR-0847E	Enlist E3	0.8	124.5	1.8	32.0	2.0	3754	17.0	35.6	59.5	55.6	62.4	--
Dyna-Gro	S03XT29	RR2X	0.3	114.0	1.7	30.0	4.0	3631	18.5	34.4	58.1	61.7	65.0	68.9
Dyna-Gro	S04EN21	Enlist E3	0.4	120.0	2.3	33.4	1.8	3219	18.8	34.8	58.6	65.2	--	--
Dyna-Gro	S04XT91	RR2X	0.4	121.3	2.4	32.8	1.5	3163	19.0	33.7	59.1	67.7	--	--
Legacy Seeds	LS-0319	LLGT27	0.3	123.3	2.5	30.6	1.0	3390	17.9	37.2	57.5	68.9	--	--
Legacy Seeds	LS-0320N	Enlist E3	0.3	117.8	1.9	30.0	2.3	3804	18.1	34.0	57.8	64.6	--	--
Legacy Seeds	LS-0429	Enlist E3	0.4	122.3	2.2	33.8	1.5	3390	18.4	35.8	58.2	60.0	--	--
Legacy Seeds	LS-0438	RR2X	0.4	119.5	2.4	33.9	1.8	3381	18.6	36.1	57.8	61.0	67.2	71.1
Legacy Seeds	LS 061-20	LLGT27	0.6	124.5	3.5	32.2	2.3	3657	18.7	34.6	60.6	62.0	--	--
LG Seeds	LGS0400RX	RR2X	0.4	115.5	1.5	33.4	1.8	3129	19.1	33.3	57.7	63.5	67.2	--
LG Seeds	LGS0595RX	RR2X	0.5	120.3	2.3	30.1	2.0	2913	19.4	34.1	58.4	62.8	--	--
LG Seeds	LGS0735RX	RR2X	0.7	123.5	2.3	33.8	1.8	3494	17.8	34.6	58.5	59.1	62.8	--
NDSU	ND18008GT	GT	00.8	123.5	2.9	32.4	2.8	4285	18.0	34.3	60.2	59.1	54.6	58.2
NDSU	ND17009GT	GT	00.9	111.3	1.5	32.2	2.3	2932	19.0	36.9	61.8	59.7	59.8	61.3
Proseed	XT80-20N	RR2X	0.2	116.5	1.2	33.2	3.5	3739	18.1	34.5	58.6	59.7	60.4	66.5
Proseed	XT60-40	RR2X	0.4	119.5	1.7	31.6	1.8	3307	18.5	35.3	58.6	60.4	67.1	70.0
Proseed	XT90-50	RR2X	0.5	118.5	1.8	33.0	2.5	2979	18.8	34.7	58.1	65.7	--	--
Proseed	XT70-60	RR2X	0.6	123.3	1.1	33.9	1.5	3971	17.8	33.8	58.8	53.2	--	--
Proseed	XT60-09	RR2X	0.9	114.0	1.2	35.4	2.0	3484	18.0	35.2	59.2	65.3	--	--
REA Hybrids	RX0411	RR2X	0.4	119.0	2.1	39.0	2.5	3491	19.3	33.4	58.8	58.4	--	--
REA Hybrids	RX0520	RR2X	0.5	121.3	2.4	34.4	2.8	3040	17.8	35.7	59.2	58.3	65.1	--
REA Hybrids	RX0721	RR2X	0.7	122.0	2.3	35.0	1.5	3603	18.1	35.0	58.3	66.4	--	--
Thunder Seed	SB8906N	RR2X	0.6	121.5	1.9	34.2	1.0	3440	17.9	35.3	58.1	58.6	65.3	69.3
Thunder Seed	SB8807N	RR2X	0.7	122.3	2.1	34.8	2.0	3980	17.6	34.4	58.7	56.7	61.4	--
Thunder Seed	TE7107N	Enlist	0.7	124.0	2.8	31.1	1.5	3415	17.2	35.9	60.3	53.3	--	--
Thunder Seed	SB8009N	RR2X	0.9	124.3	1.5	32.8	1.8	3815	17.5	35.2	59.4	60.2	66.0	--
MEAN				120.7	2.0	33.0	2.1	3523	18.2	34.9	58.9	60.9	--	--
C.V. (%)				1.7	47.3	5.3	39.8	4.3	1.8	1.3	1.1	7.9	--	--
LSD 0.10				2.5	NS	2.1	1.0	178	0.4	0.5	0.8	5.6	--	--
LSD 0.05				3.0	NS	2.5	1.1	213	0.5	0.6	0.9	6.7	--	--

Planting Date = May 21 ; Harvest Date = September 30 ; Previous Crop = Corn

¹ Maturity group based on data provided by seed company.

² Days to PM: average of 121 = September 18.

³ Lodging score: 0 = no lodging; 9 = plants lying flat

⁴ Oil, Protein, Test Weight and Seed Yield reported at 13% moisture.

* The frost/freeze events of September 8 and 9 terminated the upper canopy pod set, however remaining plant material remained viable.

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