

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

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

Brand	Variety	Trait	Mat. Group ¹	Days to PM ²	Pod	Plant	Plant	Seeds/	Seed	Seed	Test	--- Seed Yield ³ ---		
					Ht	Ht	Lodge	pound	Oil ³	Protein ³	Weight ³	2-yr.	3-yr.	
					inch	inch	0 to 9	%	%	lb/bu	-----	bu/ac	-----	
Dairyland Seed	DSR-0577E	Enlist E3	0.5	113.5	3.9	33.9	1.5	3265	19.7	35.0	57.1	57.8	51.7	--
Dairyland Seed	DSR-0645E	Enlist E3	0.6	114.8	4.3	32.7	2.3	3306	20.2	32.2	57.0	58.6	--	--
Dairyland Seed	DSR-07147E	Enlist E3	0.7	117.5	3.2	31.5	2.3	3521	19.5	34.1	56.8	56.3	--	--
Dairyland Seed	DSR-0847E	Enlist E3	0.8	121.0	3.5	34.0	2.3	3672	19.6	33.8	59.0	57.0	62.7	--
Dyna-Gro	S03XT29	RR2X	0.3	111.8	4.5	33.9	3.8	3780	19.0	33.9	56.7	62.0	65.8	55.2
Dyna-Gro	S04EN21	Enlist E3	0.4	113.5	3.8	32.7	1.8	3203	19.5	34.2	56.5	59.9	--	--
Dyna-Gro	S04XT91	RR2X	0.4	112.8	3.8	34.4	0.8	3170	20.3	31.7	56.7	63.4	--	--
INTEGRA - M	20215	RR2Y	0.2	108.5	2.6	30.7	1.5	3378	19.7	33.3	56.2	60.1	--	--
INTEGRA - M	40201N	Enlist E3	0.2	110.5	2.8	28.4	1.3	3508	19.1	33.9	56.7	57.0	--	--
INTEGRA - M	50309N	RR2X	0.3	112.3	4.7	34.4	3.5	3664	19.5	32.9	56.3	63.3	64.8	55.5
INTEGRA - M	40300N	Enlist E3	0.3	110.3	4.8	32.1	0.8	3841	18.5	34.3	55.7	63.7	--	--
Legacy Seeds	LS-0319	LLGT27	0.3	114.0	3.1	32.4	2.3	3373	19.6	35.0	57.6	63.5	--	--
Legacy Seeds	LS-0320N	Enlist E3	0.3	108.8	2.8	30.0	1.0	3543	19.2	33.3	55.5	61.4	--	--
Legacy Seeds	LS-0429	Enlist E3	0.4	112.5	3.4	33.4	1.5	3333	19.6	35.0	57.0	61.5	--	--
Legacy Seeds	LS-0438	RR2X	0.4	115.0	3.9	38.9	3.3	3367	19.9	34.0	56.5	66.2	66.0	55.3
Legacy Seeds	LS 061-20	LLGT27	0.6	118.8	4.4	36.1	3.8	3582	20.1	33.2	59.1	56.5	--	--
Legend Seeds	LS 03X852N	RR2X	0.3	112.0	3.1	33.6	2.5	3676	19.5	32.8	56.9	56.7	--	--
Legend Seeds	LS 05E065N	Enlist	0.5	113.5	3.8	34.2	2.5	3227	20.2	31.8	56.9	63.1	--	--
Legend Seeds	LS 009E955N	Enlist	0.9	110.3	2.1	31.8	1.8	4445	19.5	34.0	56.6	54.4	--	--
Legend Seeds	LS 009X852N	RR2X	0.9	106.3	2.7	32.2	1.3	3410	20.3	33.5	55.9	53.2	--	--
LG Seeds	LGS0400RX	RR2X	0.4	111.3	3.4	33.3	1.5	3228	20.1	32.4	56.3	63.6	66.3	54.1
LG Seeds	LGS0595RX	RR2X	0.5	110.8	2.6	29.5	0.8	2858	20.6	33.1	56.7	62.6	--	--
NDSU	ND18008GT	GT	00.8	115.5	4.4	32.8	2.5	3934	19.6	32.5	58.1	59.2	54.6	46.0
NDSU	ND17009GT	GT	00.9	109.3	3.2	33.6	1.8	3218	19.5	35.9	58.8	53.7	55.0	47.1
NK Seeds	S01-C4X	RR2X	0.1	106.8	3.1	33.9	1.3	3488	19.5	32.9	57.0	56.8	--	--
NK Seeds	S02-F9X	RR2X	0.2	105.8	3.1	29.7	0.8	3789	20.0	32.6	56.7	59.5	61.8	--
NK Seeds	S03-S6X	RR2X	0.3	109.3	3.1	33.1	1.8	3464	19.7	32.3	55.8	62.9	59.8	--
NK Seeds	S04-Q7X	RR2X	0.4	111.5	3.1	34.4	1.8	3258	19.7	33.8	56.7	65.0	--	--
NK Seeds	S05-N5X	RR2X	0.5	112.8	4.0	31.9	1.3	3394	19.9	32.1	56.9	73.3	74.9	--
P3 Genetics	2005E	Enlist E3	0.5	113.8	3.1	32.7	1.8	3474	20.4	31.7	56.3	61.1	--	--
P3 Genetics	2106E	Enlist E3	0.6	115.3	4.1	31.8	2.3	3601	19.3	34.8	57.3	59.9	--	--
Peterson Farms Sec	19X03N	RR2X	0.3	111.5	3.9	34.8	3.0	3806	18.8	34.3	56.8	67.2	64.5	55.7
Peterson Farms Sec	21X04	RR2X	0.4	112.3	4.4	31.9	1.3	3203	20.3	32.2	55.6	64.5	--	--
Peterson Farms Sec	20X05	RR2X	0.5	113.3	3.9	34.4	2.3	2939	20.2	32.8	57.0	62.0	63.4	--
MEAN				112.5	3.6	33.5	2.2	3469	19.7	33.4	56.9	60.6	--	--
C.V. (%)				1.7	29.2	10.2	46.1	5.1	2.1	2.0	1.2	9.8	--	--
LSD 0.10				2.2	1.2	4.0	1.1	206	0.5	0.8	0.8	6.9	--	--
LSD 0.05				2.6	1.5	4.7	1.3	245	0.6	0.9	0.9	8.2	--	--

Planting Date = May 19 ; Harvest Date = September 22 ; Previous Crop =Flax

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	Trait	Mat. Group ¹	Days to PM ²	Pod	Plant	Plant	Seeds/	Seed	Seed	Test	---- Seed Yield ³ ----		
					Ht	Ht	Lodge	pound	Oil ³	Protein ³	Weight ³	2020	2-yr. Avg.	3-yr. Avg.
					inch	inch	0 to 9	%	%	lb/bu	-----	bu/ac	-----	
Proseed	XT80-20N	RR2X	0.2	112.8	3.7	30.5	3.3	3530	19.5	33.1	56.6	60.3	60.9	51.5
Proseed	XT60-40	RR2X	0.4	111.3	3.1	33.9	2.0	3401	19.5	34.3	56.5	60.3	63.3	56.5
Proseed	XT90-50	RR2X	0.5	113.3	3.6	33.8	2.5	2987	19.8	33.8	57.1	59.3	--	--
Proseed	XT70-60	RR2X	0.6	114.5	3.4	37.1	2.0	3655	19.5	32.7	57.2	55.6	--	--
Proseed	XT60-09	RR2X	0.9	109.5	2.7	35.0	1.8	3576	19.2	33.5	56.6	58.8	--	--
REA Hybrids	RX0411	RR2X	0.4	112.8	3.4	41.5	2.3	3271	20.5	31.6	57.3	64.4	--	--
REA Hybrids	RX0520	RR2X	0.5	113.5	4.4	36.0	2.3	2908	19.4	33.6	57.1	57.5	63.4	--
REA Hybrids	RX0721	RR2X	0.7	114.0	3.7	39.3	2.5	3436	19.6	33.4	57.2	68.9	--	--
Thunder Seed	SB8903N	RR2X	0.3	112.3	3.1	32.0	3.3	3839	19.3	33.6	57.0	58.3	61.5	52.5
Thunder Seed	SB8104N	RR2X	0.4	112.3	3.6	31.0	1.3	3216	20.4	32.0	56.8	63.2	--	--
Thunder Seed	SB8805N	RR2X	0.5	113.0	4.3	32.7	1.8	3589	19.9	34.6	56.0	57.9	--	--
Thunder Seed	SB8906N	RR2X	0.6	113.5	4.4	39.0	2.0	3255	19.7	33.1	56.4	63.5	64.2	52.7
MEAN				112.5	3.6	33.5	2.2	3469	19.7	33.4	56.9	60.6	--	--
C.V. (%)				1.7	29.2	10.2	46.1	5.1	2.1	2.0	1.2	9.8	--	--
LSD 0.10				2.2	1.2	4.0	1.1	206	0.5	0.8	0.8	6.9	--	--
LSD 0.05				2.6	1.5	4.7	1.3	245	0.6	0.9	0.9	8.2	--	--

Planting Date = May 19 ; Harvest Date = September 22 ; Previous Crop =Flax

¹ Maturity group based on data provided by seed company.

² Days to PM: average of 113 = September 9.

³ Oil, Protein, Test Weight and Seed Yield reported at 13% moisture.

* Initial frost occurred on September 8 with killing freeze on September 9.