

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 ----		
					Ht	Ht	Lodge	pound	Oil	Protein	Weight	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				60.7	57.8	51.7	--
Dairyland Seed	DSR-0645E	Enlist E3	0.6	114.8	4.3	32.7	2.3				60.3	58.6	--	--
Dairyland Seed	DSR-07147E	Enlist E3	0.7	117.5	3.2	31.5	2.3				60.2	56.3	--	--
Dairyland Seed	DSR-0847E	Enlist E3	0.8	121.0	3.5	34.0	2.3				61.3	57.0	62.7	--
Dyna-Gro	S03XT29	RR2X	0.3	111.8	4.5	33.9	3.8				60.7	62.0	65.8	55.2
Dyna-Gro	S04EN21	Enlist E3	0.4	113.5	3.8	32.7	1.8				60.3	59.9	--	--
Dyna-Gro	S04XT91	RR2X	0.4	112.8	3.8	34.4	0.8				60.9	63.4	--	--
INTEGRA - M	20215	RR2Y	0.2	108.5	2.6	30.7	1.5				60.2	60.1	--	--
INTEGRA - M	40201N	Enlist E3	0.2	110.5	2.8	28.4	1.3				60.2	57.0	--	--
INTEGRA - M	50309N	RR2X	0.3	112.3	4.7	34.4	3.5				60.4	63.3	64.8	55.5
INTEGRA - M	40300N	Enlist E3	0.3	110.3	4.8	32.1	0.8				59.7	63.7	--	--
Legacy Seeds	LS-0319	LLGT27	0.3	114.0	3.1	32.4	2.3				61.4	63.5	--	--
Legacy Seeds	LS-0320N	Enlist E3	0.3	108.8	2.8	30.0	1.0				59.6	61.4	--	--
Legacy Seeds	LS-0429	Enlist E3	0.4	112.5	3.4	33.4	1.5				60.7	61.5	--	--
Legacy Seeds	LS-0438	RR2X	0.4	115.0	3.9	38.9	3.3				60.3	66.2	66.0	55.3
Legacy Seeds	LS 061-20	LLGT27	0.6	118.8	4.4	36.1	3.8				61.9	56.5	--	--
Legend Seeds	LS 03X852N	RR2X	0.3	112.0	3.1	33.6	2.5				60.5	56.7	--	--
Legend Seeds	LS 05E065N	Enlist	0.5	113.5	3.8	34.2	2.5				60.3	63.1	--	--
Legend Seeds	LS 009E955N	Enlist	0.9	110.3	2.1	31.8	1.8				60.4	54.4	--	--
Legend Seeds	LS 009X852N	RR2X	0.9	106.3	2.7	32.2	1.3				60.2	53.2	--	--
LG Seeds	LGS0400RX	RR2X	0.4	111.3	3.4	33.3	1.5				60.1	63.6	66.3	54.1
LG Seeds	LGS0595RX	RR2X	0.5	110.8	2.6	29.5	0.8				60.3	62.6	--	--
NDSU	ND18008GT	GT	00.8	115.5	4.4	32.8	2.5				61.5	59.2	54.6	46.0
NDSU	ND17009GT	GT	00.9	109.3	3.2	33.6	1.8				62.4	53.7	55.0	47.1
NK Seeds	S01-C4X	RR2X	0.1	106.8	3.1	33.9	1.3				60.9	56.8	--	--
NK Seeds	S02-F9X	RR2X	0.2	105.8	3.1	29.7	0.8				60.7	59.5	61.8	--
NK Seeds	S03-S6X	RR2X	0.3	109.3	3.1	33.1	1.8				60.4	62.9	59.8	--
NK Seeds	S04-Q7X	RR2X	0.4	111.5	3.1	34.4	1.8				60.7	65.0	--	--
NK Seeds	S05-N5X	RR2X	0.5	112.8	4.0	31.9	1.3				60.6	73.3	74.9	--
P3 Genetics	2005E	Enlist E3	0.5	113.8	3.1	32.7	1.8				60.0	61.1	--	--
P3 Genetics	2106E	Enlist E3	0.6	115.3	4.1	31.8	2.3				60.8	59.9	--	--
Peterson Farms Seed	19X03N	RR2X	0.3	111.5	3.9	34.8	3.0				60.5	67.2	64.5	55.7
Peterson Farms Seed	21X04	RR2X	0.4	112.3	4.4	31.9	1.3				60.5	64.5	--	--
Peterson Farms Seed	20X05	RR2X	0.5	113.3	3.9	34.4	2.3				60.6	62.0	63.4	--
MEAN				112.5	3.6	33.5	2.2				60.6	60.6	--	--
C.V. (%)				1.7	29.2	10.2	46.1				0.5	9.8	--	--
LSD 0.10				2.2	1.2	4.0	1.1				0.4	6.9	--	--
LSD 0.05				2.6	1.5	4.7	1.3				0.5	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 ----		
					Ht	Ht	Lodge	pound	Oil	Protein	Weight	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				60.5	60.3	60.9	51.5
Proseed	XT60-40	RR2X	0.4	111.3	3.1	33.9	2.0				60.3	60.3	63.3	56.5
Proseed	XT90-50	RR2X	0.5	113.3	3.6	33.8	2.5				60.6	59.3	--	--
Proseed	XT70-60	RR2X	0.6	114.5	3.4	37.1	2.0				60.4	55.6	--	--
Proseed	XT60-09	RR2X	0.9	109.5	2.7	35.0	1.8				60.7	58.8	--	--
REA Hybrids	RX0411	RR2X	0.4	112.8	3.4	41.5	2.3				60.9	64.4	--	--
REA Hybrids	RX0520	RR2X	0.5	113.5	4.4	36.0	2.3				60.8	57.5	63.4	--
REA Hybrids	RX0721	RR2X	0.7	114.0	3.7	39.3	2.5				60.6	68.9	--	--
Thunder Seed	SB8903N	RR2X	0.3	112.3	3.1	32.0	3.3				60.7	58.3	61.5	52.5
Thunder Seed	SB8104N	RR2X	0.4	112.3	3.6	31.0	1.3				60.7	63.2	--	--
Thunder Seed	SB8805N	RR2X	0.5	113.0	4.3	32.7	1.8				59.9	57.9	--	--
Thunder Seed	SB8906N	RR2X	0.6	113.5	4.4	39.0	2.0				59.9	63.5	64.2	52.7
MEAN				112.5	3.6	33.5	2.2				60.6	60.6	--	--
C.V. (%)				1.7	29.2	10.2	46.1				0.5	9.8	--	--
LSD 0.10				2.2	1.2	4.0	1.1				0.4	6.9	--	--
LSD 0.05				2.6	1.5	4.7	1.3				0.5	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.

* Initial frost occurred on September 9 with killing freeze on September 10.