

**NDSU Carrington Research Extension Center
2017 Variety Trial Data**

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

Brand	Variety	Mat. Group ¹	Days to PM ²	Pod Ht inch	Plant Ht inch	Plant Ldg 0 to 9	Seeds/ pound	Seed Oil ³ %	Seed Protein ³ %	Test Weight lb/bu	--- Seed Yield ---	
											2017 ----- bu/ac -----	3-yr. Avg. -----
Channel	0218R2X	0.2	120.0	4.3	32.9	0.3		19.0	35.4	56.8	57.1	--
Channel	0317R2X	0.3	121.3	5.0	25.4	1.0		18.3	36.0	57.1	61.5	--
Channel	0518R2X	0.5	125.3	7.7	30.8	1.5		17.7	37.0	57.0	57.6	--
Channel	0616R2X	0.6	124.0	5.6	28.4	1.3		16.7	36.3	57.1	61.8	--
Dairyland Seed	DSR-C918/R2Y	00.9	119.0	4.5	26.0	0.8		17.4	37.1	56.7	58.4	44.4
Dairyland Seed	DST-00-003/R2Y	0.0	119.5	4.3	26.8	0.3		19.2	34.7	56.0	61.7	--
Dairyland Seed	DSR-0225/R2Y	0.2	117.0	5.1	30.1	0.5		19.3	35.5	56.8	58.4	--
Dairyland Seed	DSR-0418/R2Y	0.4	124.3	7.5	31.1	0.8		17.5	37.2	57.7	58.5	--
Dyna-Gro	S03RY36	0.3	121.3	4.8	24.1	0.0		17.8	37.6	57.4	62.5	49.1
Dyna-Gro	S04XT77	0.4	121.8	5.7	27.6	1.0		18.5	36.1	56.8	62.3	--
Dyna-Gro	S05XT88	0.5	123.0	5.6	25.9	0.5		18.3	37.1	56.0	56.3	--
Hefty	H02X7	0.2	120.8	6.7	34.0	1.0		18.0	35.4	57.3	52.3	--
Hefty	H03X7	0.3	121.0	5.1	24.4	0.8		18.5	36.0	56.7	57.7	--
Hefty	H05X7	0.5	124.8	6.2	27.6	1.8		17.6	36.3	57.2	52.6	--
Integra	20215	00.9	118.3	5.1	24.3	0.0		17.3	36.9	56.9	58.8	46.8
Integra	20300	0.3	121.0	5.6	25.6	0.0		17.8	36.5	56.6	54.4	49.9
Integra	50319N Xtends	0.3	124.3	7.1	32.9	0.3		18.0	34.9	57.5	56.9	--
Integra	50629N Xtends	0.6	125.8	6.5	30.9	1.5		17.8	36.1	57.4	55.9	--
Legacy Seeds	LS-0337N RR2X	0.3	122.3	6.2	27.6	1.3		18.3	36.2	57.0	62.7	--
Legacy Seeds	LS-0334 RR2	0.3	124.3	5.1	27.5	0.5		17.8	37.3	57.2	58.2	53.0
Legacy Seeds	LS 0438 RR2	0.4	124.5	6.5	30.0	0.8		17.9	37.3	56.7	60.1	--
Legacy Seeds	LS-0635N RR2	0.6	125.5	7.9	28.4	0.5		17.4	37.8	57.2	55.2	45.8
Legacy Seeds	LS-0638N RR2X	0.6	126.0	5.5	30.8	1.0		17.8	35.4	57.1	57.3	--
Legacy Seeds	LS-0738N RR2X	0.7	126.3	6.1	29.9	0.3		17.8	36.4	57.1	55.8	--
Legacy Seeds	LS-0836N RR2X	0.8	126.5	7.4	34.2	1.3		17.5	37.1	57.2	53.9	--
Legacy Seeds	LS-0935N RR2	0.9	125.8	6.8	28.2	0.5		17.7	35.9	57.2	58.8	--
Legend	LS 009X852N	00.9	117.5	4.1	27.8	0.3		19.2	34.6	57.3	53.3	--
Legend	LS 01X850	0.1	118.8	4.9	32.8	1.0		17.4	35.3	57.8	57.5	--
Legend	LS 03R22	0.3	122.8	6.5	28.3	0.0		18.1	35.9	56.3	58.6	--
Legend	LS 04X765N	0.4	122.5	4.3	24.7	0.8		18.7	35.4	56.5	54.0	--
Legend	LS 06X860N	0.6	125.5	5.3	26.6	1.3		18.4	35.6	57.4	59.3	--
Legend	LS 07X852N	0.7	126.3	7.3	32.4	1.0		17.7	35.6	57.1	55.9	--
NDSU	ND17009GT		116.7	3.9	23.8	0.0		18.5	36.5	57.9	49.2	--
Northstar	NS 60393NXR2	0.3	123.3	7.9	31.9	0.5		18.3	34.8	56.9	59.0	--
Northstar	NS 0480NR2	0.4	123.8	6.9	29.7	1.0		17.7	37.1	56.8	61.7	50.1
Northstar	NS 60442NXR2	0.4	120.3	5.4	25.4	0.5		18.7	35.3	56.7	54.9	--
Northstar	NS 60513NXR2	0.5	124.8	5.3	28.1	1.0		18.2	36.9	56.6	62.8	--
MEAN			122.7	5.9	28.5	0.8		18.1	36.2	57.0	57.1	--
C.V. (%)			1.0	25.3	11.8	84.8		1.6	1.4	0.7	9.4	--
LSD 0.10			1.4	1.7	3.9	0.7		0.30	0.6	0.5	6.2	--
LSD 0.05			1.7	2.1	4.7	0.9		0.40	0.7	0.6	7.4	--

Planting Date = May 12 ; Harvest Date = September 29 ; Previous Crop = Durum

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

Brand	Variety	Mat. Group ¹	Days to PM ²	Pod	Plant	Plant	Seeds/ pound	Seed	Seed	Test Weight	--- Seed Yield ---		
				Ht inch	Ht inch	Ldg 0 to 9		Oil ³ %	Protein ³ %		2017	3-yr. Avg.	
											-----	bu/ac	-----
Northstar	NS 0651NR2	0.6	124.8	7.2	30.3	1.3		17.6	37.2	57.0	59.5	--	
Nutech	6048	0.4	120.5	6.5	34.0	1.3		17.9	37.0	57.3	59.6	--	
Nutech	6097R2	0.9	123.3	5.9	26.9	1.0		19.8	33.8	56.6	69.0	51.8	
Peterson Farm Seed	17X04N	0.4	121.3	5.8	25.1	1.3		18.4	36.0	56.6	57.3	--	
Peterson Farm Seed	18X06N	0.6	123.8	5.8	28.1	0.5		17.7	37.4	56.8	55.9	--	
Prairie Brand	PB-0578R2	0.5	124.5	7.3	29.5	0.5		17.3	37.7	57.7	55.2	--	
Prairie Brand	PB-0777R2	0.7	126.8	6.4	30.8	0.5		17.5	37.1	57.3	59.0	--	
Prairie Brand	PB-0987R2	0.9	126.8	9.1	32.9	1.5		17.2	37.0	57.4	59.1	--	
Proseed	XT604	0.4	120.8	5.3	24.5	1.0		18.6	35.8	56.8	58.7	--	
Proseed	40-50N	0.5	123.0	7.1	26.2	0.8		17.9	37.0	57.0	59.0	--	
Proseed	50-60N	0.6	123.8	6.1	26.8	0.8		17.9	36.9	57.1	58.6	--	
REA	RX0228	0.2	120.3	5.0	33.9	0.8		18.8	35.6	56.9	55.3	--	
REA	RX0327	0.3	120.8	5.7	25.6	1.3		18.6	35.9	56.5	52.5	--	
REA	RX0628	0.6	124.3	6.1	28.9	0.5		18.1	36.1	56.7	51.3	--	
Thunder Seed	SB8703	0.3	120.8	6.7	33.7	0.5		18.1	35.5	57.1	61.2	--	
Thunder Seed	SB8805N	0.5	124.8	5.2	29.3	1.0		18.2	36.9	56.3	60.2	--	
Wensman	W1011RX	0.1	121.0	6.0	29.5	0.8		19.1	35.0	57.2	47.6	--	
Wensman	W1039NRX	0.3	122.8	4.6	28.0	0.0		17.9	34.7	57.3	57.1	--	
Wensman	W1048NRX	0.4	121.5	6.5	26.0	1.0		18.5	35.8	56.6	61.4	--	
Wensman	W1050NRX	0.5	125.3	6.1	30.1	1.0		18.1	37.1	56.7	62.4	--	
MEAN			122.7	5.9	28.5	0.8		18.1	36.2	57.0	57.1	--	
C.V. (%)			1.0	25.3	11.8	84.8		1.6	1.4	0.7	9.4	--	
LSD 0.10			1.4	1.7	3.9	0.7		0.30	0.6	0.5	6.2	--	
LSD 0.05			1.7	2.1	4.7	0.9		0.40	0.7	0.6	7.4	--	

Planting Date = May 12 ; Harvest Date = September 29 ; Previous Crop = Durum

¹ Maturity group based on data provided by seed company.

² Days to PM: average of 123 = September 12.

³ Seed oil and protein contents reported at 13% moisture.