

**NDSU Carrington Research Extension Center  
2021 Variety Trial Data**

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

Brand	Variety	Days to Maturity	Pod Height in	Plant Height in	Plant Lodge 0-9	Test Weight lb/bu	Protein %	Oil %	KWT g/1000	----- Seed Yield -----		
										2021	2-yr. Avg.	3-yr. Avg.
										bu/ac	bu/ac	bu/ac
NDSU	ND21008GT20	105.8	2.4	16.9	0.5	58.0	32.9	20.8	107.9	17.8	36.8	--
NDSU	ND18008GT	106.3	1.4	18.0	0.8	57.9	33.3	20.6	112.0	18.5	38.9	42.6
NDSU	ND17009GT	117.0	1.9	19.1	0.8	58.6	34.5	19.9	131.7	20.4	37.0	43.4
NDSU	ND2108GT73	126.3	3.0	17.8	0.0	57.9	32.0	20.7	134.9	24.3	42.4	46.6
U of Minn	MCH13R-117054	132.3	4.7	21.7	1.0	56.4	36.0	18.0	185.8	25.1	--	--
Champion	03X30N	128.0	2.2	19.9	1.7	57.4	34.2	18.5	154.4	22.6	--	--
Champion	052X	125.8	1.8	21.1	1.8	57.2	33.9	19.8	158.7	25.3	--	--
Champion	0692XL	124.3	3.8	21.8	0.0	57.3	34.0	19.9	146.3	28.3	--	--
Champion	0631XL	122.5	2.4	21.4	1.3	57.4	32.7	20.0	134.5	30.0	--	--
Dairyland Seed	DSR-0645E	121.3	3.7	21.7	1.5	56.8	32.8	20.2	158.9	26.7	42.7	--
Dairyland Seed	DSR-0660E	123.8	2.8	19.3	1.3	57.3	33.6	19.3	153.4	26.5	--	--
Dairyland Seed	DSR-0847E	130.8	3.3	19.5	0.8	56.6	35.3	19.0	189.5	33.3	45.1	52.9
DynaGro	S04XT91	120.8	3.6	18.6	1.0	57.5	34.3	19.8	142.5	24.6	44.0	--
DynaGro	S04XF32	124.0	3.6	28.0	0.5	57.6	33.9	20.1	156.0	30.7	--	--
DynaGro	S05EN82	123.0	2.4	20.5	1.5	57.3	34.3	19.6	149.8	29.4	--	--
Integra	40201N	119.5	2.3	17.8	1.5	57.0	33.9	19.7	152.1	24.7	40.9	--
Integra	70212 XF	117.5	3.3	23.9	0.8	57.2	33.2	20.8	138.8	24.4	--	--
Integra	40300N	119.0	2.3	19.1	1.5	57.2	33.8	19.4	133.5	26.0	44.8	--
Integra	50309N	122.5	1.8	21.0	0.8	57.8	32.9	19.4	143.2	29.3	46.3	53.0
Integra	70622N	123.5	3.2	20.8	0.3	58.0	34.6	18.9	137.1	30.2	--	--
Legacy Seeds	LS-0320N	118.5	3.5	18.5	1.8	56.5	33.3	19.8	128.1	26.9	44.2	--
Legacy Seeds	LS-0429	120.3	2.9	21.7	0.3	57.5	34.3	19.8	125.6	26.7	44.1	--
Legacy Seeds	LS042-21E	120.8	3.0	21.8	1.3	56.9	32.9	20.1	155.6	27.5	--	--
Legacy Seeds	LS044-21 XF	122.0	3.8	28.3	0.5	57.5	33.5	20.1	156.1	30.2	--	--
Legacy Seeds	LS062-21E	123.8	2.7	17.4	0.8	57.2	34.9	19.4	151.5	26.9	--	--
Legacy Seeds	LS072-21E	124.3	3.8	19.9	1.0	57.8	34.8	18.7	160.2	27.9	--	--
LG Seeds	LGS0618XF	124.0	3.5	18.1	2.0	57.6	32.3	19.8	129.7	30.1	--	--
LG Seeds	LGS0701XF	122.0	3.3	21.9	0.8	57.5	33.6	19.7	134.3	29.0	--	--
NK Seeds	NK02-M4XF	121.0	1.7	24.5	0.3	55.5	32.2	20.8	129.9	21.9	--	--
NK Seeds	NK04-G8E3	119.8	3.1	21.1	1.0	57.3	35.8	18.7	156.9	23.8	--	--
NK Seeds	S04-Q7X	122.5	3.0	22.0	0.8	57.9	34.9	19.5	157.5	29.3	47.1	--
Mean		121.2	3.0	20.8	0.9	57.4	33.8	19.7	143.8	26.2	--	--
C.V. (%)		1.6	38.6	12.7	64.4	0.6	2.6	2.2	4.8	14.8	--	--
LSD (0.05)		2.7	1.6	3.7	0.8	0.5	1.2	0.6	0.5	5.4	--	--
LSD (0.10)		2.2	1.4	3.1	0.7	0.4	1.0	0.5	8.1	4.5	--	--

**Planting Date = May 14; Harvest Date = September 27; Previous Crop = Barley**

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**Soybean - Dryland, Roundup Ready Varieties**

**Carrington (Page 2 of 2)**

Brand	Variety	Days to Maturity	Pod Height in	Plant Height in	Plant Lodge 0-9	Test Weight lb/bu	Protein %	Oil %	KWT g/1000	----- Seed Yield -----		
										2021	2-yr. Avg.	3-yr. Avg.
										bu/ac	bu/ac	bu/ac
NK Seeds	S05-N5X	123.3	4.0	20.2	0.0	57.5	32.6	20.2	149.3	30.2	51.7	60.0
NK Seeds	NK05-W3XF	121.0	3.7	22.7	1.5	57.8	33.4	19.6	138.7	29.6	--	--
P3 Genetics	2106E	123.5	2.9	19.0	1.0	57.2	34.7	19.6	151.3	28.8	44.3	--
P3 Genetics	2207E	122.8	2.7	18.5	1.5	57.7	35.3	18.6	159.0	25.2	--	--
Peterson Farms Seed	22XF03	114.0	3.8	25.6	0.3	57.2	34.1	20.6	138.9	25.2	--	--
Peterson Farms Seed	20X05	124.3	1.9	17.8	2.0	57.8	34.4	19.9	154.4	27.5	44.7	51.4
Peterson Farms Seed	22XF06	122.0	2.9	21.9	1.3	57.8	35.0	18.8	150.4	28.9	--	--
Peterson Farms Seed	21XF07	122.5	3.1	22.2	1.0	57.7	34.3	19.2	139.5	31.9	--	--
Proseed	EL80-23	116.8	3.4	19.1	0.8	56.9	34.2	19.2	108.5	24.0	--	--
Proseed	XT80-20N	125.5	2.4	22.0	0.8	57.6	32.6	19.4	142.3	27.7	44.0	49.8
Proseed	EL90-33N	117.8	3.5	18.3	1.3	56.9	33.4	19.6	133.1	18.3	--	--
Proseed	XF10-32	116.0	2.9	24.4	0.0	57.2	33.9	20.6	149.6	23.8	--	--
Proseed	XT20-40	121.5	3.1	22.4	1.0	57.4	33.5	20.0	141.0	23.8	--	--
REA Hybrids	R0112XF	116.8	3.1	24.4	0.5	57.2	33.8	20.5	140.7	21.6	--	--
REA Hybrids	RX0411	121.8	3.5	24.3	0.0	57.8	33.7	19.7	152.3	24.2	44.3	--
REA Hybrids	R0632XF	123.5	2.5	18.6	0.3	57.6	35.1	18.8	137.5	28.0	--	--
REA Hybrids	RX0721	123.0	3.6	25.8	0.8	57.4	32.5	20.2	138.5	31.5	50.2	--
Stine Seed	01EA63	113.3	3.5	20.9	1.3	57.1	34.8	19.0	117.5	23.5	--	--
Stine Seed	03EB02	114.0	3.4	20.0	1.8	57.1	33.5	19.6	131.9	21.7	--	--
Stine Seed	05EB23	122.0	2.6	22.3	1.8	56.9	33.6	19.9	159.7	25.4	--	--
Stine Seed	06EC23	122.8	2.9	17.6	1.7	57.3	34.7	19.6	155.1	27.5	--	--
Stine Seed	07EA36	124.0	3.9	20.4	1.0	56.5	34.1	19.6	160.0	28.4	--	--
Thunder Seed	SB8903N	122.0	2.1	22.0	1.5	57.8	32.8	19.5	138.7	27.9	43.1	50.3
Thunder Seed	SB8104N	121.5	3.9	19.9	0.8	57.4	33.9	20.0	146.1	24.7	44.0	--
Thunder Seed	TX8206N	121.8	2.3	17.4	1.0	57.5	34.7	18.9	156.3	27.2	--	--
Thunder Seed	TE7207	127.5	4.3	20.3	0.5	57.6	33.4	19.1	150.0	28.8	--	--
Thunder Seed	TX8207N	122.0	3.5	21.6	0.5	57.8	35.0	18.7	136.3	27.5	--	--
Mean		121.2	3.0	20.8	0.9	57.4	33.8	19.7	143.8	26.2	--	--
C.V. (%)		1.6	38.6	12.7	64.4	0.6	2.6	2.2	4.8	14.8	--	--
LSD (0.05)		2.7	1.6	3.7	0.8	0.5	1.2	0.6	0.5	5.4	--	--
LSD (0.10)		2.2	1.4	3.1	0.7	0.4	1.0	0.5	8.1	4.5	--	--

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