

**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 %	----- Seed Yield -----			
									Seeds/l b	2-yr. Avg. bu/ac	3-yr. Avg. bu/ac	
NDSU	ND21008GT20	105.8	2.4	16.9	0.5	58.0	32.9	20.8	4209	17.8	36.8	--
NDSU	ND18008GT	106.3	1.4	18.0	0.8	57.9	33.3	20.6	4054	18.5	38.9	42.6
NDSU	ND17009GT	117.0	1.9	19.1	0.8	58.6	34.5	19.9	3447	20.4	37.0	43.4
NDSU	ND2108GT73	126.3	3.0	17.8	0.0	57.9	32.0	20.7	3365	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	2444	25.1	--	--
Champion	03X30N	128.0	2.2	19.9	1.7	57.4	34.2	18.5	2940	22.6	--	--
Champion	052X	125.8	1.8	21.1	1.8	57.2	33.9	19.8	2861	25.3	--	--
Champion	0692XL	124.3	3.8	21.8	0.0	57.3	34.0	19.9	3104	28.3	--	--
Champion	0631XL	122.5	2.4	21.4	1.3	57.4	32.7	20.0	3377	30.0	--	--
Dairyland Seed	DSR-0645E	121.3	3.7	21.7	1.5	56.8	32.8	20.2	2858	26.7	42.7	--
Dairyland Seed	DSR-0660E	123.8	2.8	19.3	1.3	57.3	33.6	19.3	2960	26.5	--	--
Dairyland Seed	DSR-0847E	130.8	3.3	19.5	0.8	56.6	35.3	19.0	2396	33.3	45.1	52.9
DynaGro	S04XT91	120.8	3.6	18.6	1.0	57.5	34.3	19.8	3186	24.6	44.0	--
DynaGro	S04XF32	124.0	3.6	28.0	0.5	57.6	33.9	20.1	2910	30.7	--	--
DynaGro	S05EN82	123.0	2.4	20.5	1.5	57.3	34.3	19.6	3031	29.4	--	--
Integra	40201N	119.5	2.3	17.8	1.5	57.0	33.9	19.7	2985	24.7	40.9	--
Integra	70212 XF	117.5	3.3	23.9	0.8	57.2	33.2	20.8	3271	24.4	--	--
Integra	40300N	119.0	2.3	19.1	1.5	57.2	33.8	19.4	3401	26.0	44.8	--
Integra	50309N	122.5	1.8	21.0	0.8	57.8	32.9	19.4	3171	29.3	46.3	53.0
Integra	70622N	123.5	3.2	20.8	0.3	58.0	34.6	18.9	3312	30.2	--	--
Legacy Seeds	LS-0320N	118.5	3.5	18.5	1.8	56.5	33.3	19.8	3544	26.9	44.2	--
Legacy Seeds	LS-0429	120.3	2.9	21.7	0.3	57.5	34.3	19.8	3613	26.7	44.1	--
Legacy Seeds	LS042-21E	120.8	3.0	21.8	1.3	56.9	32.9	20.1	2919	27.5	--	--
Legacy Seeds	LS044-21 XF	122.0	3.8	28.3	0.5	57.5	33.5	20.1	2908	30.2	--	--
Legacy Seeds	LS062-21E	123.8	2.7	17.4	0.8	57.2	34.9	19.4	2997	26.9	--	--
Legacy Seeds	LS072-21E	124.3	3.8	19.9	1.0	57.8	34.8	18.7	2834	27.9	--	--
LG Seeds	LGS0618XF	124.0	3.5	18.1	2.0	57.6	32.3	19.8	3501	30.1	--	--
LG Seeds	LGS0701XF	122.0	3.3	21.9	0.8	57.5	33.6	19.7	3379	29.0	--	--
NK Seeds	NK02-M4XF	121.0	1.7	24.5	0.3	55.5	32.2	20.8	3495	21.9	--	--
NK Seeds	NK04-G8E3	119.8	3.1	21.1	1.0	57.3	35.8	18.7	2894	23.8	--	--
NK Seeds	S04-Q7X	122.5	3.0	22.0	0.8	57.9	34.9	19.5	2882	29.3	47.1	--
Mean		121.2	3.0	20.8	0.9	57.4	33.8	19.7	3157	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	209	5.4	--	--
LSD (0.10)		2.2	1.4	3.1	0.7	0.4	1.0	0.5	178	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 %	----- Seed Yield -----			
									Seeds/l b	2-yr. Avg. 2021	3-yr. Avg. bu/ac	
NK Seeds	S05-N5X	123.3	4.0	20.2	0.0	57.5	32.6	20.2	3042	30.2	51.7	60.0
NK Seeds	NK05-W3XF	121.0	3.7	22.7	1.5	57.8	33.4	19.6	3273	29.6	--	--
P3 Genetics	2106E	123.5	2.9	19.0	1.0	57.2	34.7	19.6	3001	28.8	44.3	--
P3 Genetics	2207E	122.8	2.7	18.5	1.5	57.7	35.3	18.6	2856	25.2	--	--
Peterson Farms Seed	22XF03	114.0	3.8	25.6	0.3	57.2	34.1	20.6	3268	25.2	--	--
Peterson Farms Seed	20X05	124.3	1.9	17.8	2.0	57.8	34.4	19.9	2941	27.5	44.7	51.4
Peterson Farms Seed	22XF06	122.0	2.9	21.9	1.3	57.8	35.0	18.8	3020	28.9	--	--
Peterson Farms Seed	21XF07	122.5	3.1	22.2	1.0	57.7	34.3	19.2	3254	31.9	--	--
Proseed	EL80-23	116.8	3.4	19.1	0.8	56.9	34.2	19.2	4183	24.0	--	--
Proseed	XT80-20N	125.5	2.4	22.0	0.8	57.6	32.6	19.4	3191	27.7	44.0	49.8
Proseed	EL90-33N	117.8	3.5	18.3	1.3	56.9	33.4	19.6	3410	18.3	--	--
Proseed	XF10-32	116.0	2.9	24.4	0.0	57.2	33.9	20.6	3036	23.8	--	--
Proseed	XT20-40	121.5	3.1	22.4	1.0	57.4	33.5	20.0	3219	23.8	--	--
REA Hybrids	R0112XF	116.8	3.1	24.4	0.5	57.2	33.8	20.5	3226	21.6	--	--
REA Hybrids	RX0411	121.8	3.5	24.3	0.0	57.8	33.7	19.7	2980	24.2	44.3	--
REA Hybrids	R0632XF	123.5	2.5	18.6	0.3	57.6	35.1	18.8	3303	28.0	--	--
REA Hybrids	RX0721	123.0	3.6	25.8	0.8	57.4	32.5	20.2	3279	31.5	50.2	--
Stine Seed	01EA63	113.3	3.5	20.9	1.3	57.1	34.8	19.0	3864	23.5	--	--
Stine Seed	03EB02	114.0	3.4	20.0	1.8	57.1	33.5	19.6	3443	21.7	--	--
Stine Seed	05EB23	122.0	2.6	22.3	1.8	56.9	33.6	19.9	2843	25.4	--	--
Stine Seed	06EC23	122.8	2.9	17.6	1.7	57.3	34.7	19.6	2927	27.5	--	--
Stine Seed	07EA36	124.0	3.9	20.4	1.0	56.5	34.1	19.6	2838	28.4	--	--
Thunder Seed	SB8903N	122.0	2.1	22.0	1.5	57.8	32.8	19.5	3273	27.9	43.1	50.3
Thunder Seed	SB8104N	121.5	3.9	19.9	0.8	57.4	33.9	20.0	3107	24.7	44.0	--
Thunder Seed	TX8206N	121.8	2.3	17.4	1.0	57.5	34.7	18.9	2905	27.2	--	--
Thunder Seed	TE7207	127.5	4.3	20.3	0.5	57.6	33.4	19.1	3027	28.8	--	--
Thunder Seed	TX8207N	122.0	3.5	21.6	0.5	57.8	35.0	18.7	3330	27.5	--	--
Mean		121.2	3.0	20.8	0.9	57.4	33.8	19.7	3157	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	209	5.4	--	--
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