

**NDSU Carrington Research Extension Center
2023 Variety Trial Data**

Soybean - Dryland, Roundup Ready Varieties **Carrington (Page 1 of 3)**

Brand	Variety	Trait	Mat Group	Maturity Date	Pod Ht inch	Plant Ht inch	Lodging 0-9	Oil %	Protein %	KWT g/1000	Seeds Per Pound	Test Weight lb/bu	Yield		
													2023	2-yr. Avg.	3-yr. Avg.
NDSU	ND21008GT20	GT	00.8	8/29	3	37	4	18.9	33.4	144	3143	55.3	49.0	51.0	40.0
NDSU	ND2108GT73	GT	0.8	9/19	3	34	4	19.5	33.4	148	3069	56.5	63.8	62.8	49.9
NDSU	ND17009GT	GT	00.9	8/31	3	38	3	19.5	35.2	163	2791	56.6	53.0	50.8	40.6
REA Hybrids	R0422XF	RR2XF	0.4	9/12	3	34	2	20.2	33.2	167	2714	55.6	66.2	60.9	--
REA Hybrids	R0743XF	RR2XF	0.7	9/17	3	37	2	19.9	33.1	166	2741	55.9	72.0	--	--
Integra Seeds	E0324	E3	0.3	9/13	3	31	2	19.7	32.9	156	2906	55.8	57.4	--	--
Integra Seeds	E0544	E3	0.5	9/13	4	37	4	19.7	33.1	163	2779	55.9	72.0	--	--
Integra Seeds	XF0212	RR2XF	0.2	9/5	4	41	2	20.0	32.8	172	2633	55.3	69.1	--	--
Integra Seeds	XF0493	RR2XF	0.4	9/12	3	38	2	20.4	32.9	169	2681	55.5	66.2	--	--
Integra Seeds	XF0674	RR2XF	0.6	9/13	4	37	2	19.5	33.2	163	2782	55.7	70.8	--	--
NK Seeds	NK02-H6E3	E3	0.2	9/8	4	36	2	18.5	34.6	164	2769	55.7	69.8	--	--
NK Seeds	NK04-A9E3	RR2XF	0.4	9/11	4	34	2	18.8	34.3	173	2623	55.5	74.4	--	--
NK Seeds	NK03-J1XF	RR2XF	0.3	9/8	4	38	2	20.1	33.1	178	2555	55.6	71.1	--	--
NK Seeds	NK05-W3XF	RR2XF	0.5	9/12	3	39	4	19.1	33.6	162	2796	57.0	78.2	69.6	56.3
NK Seeds	NK06-P2XF	RR2XF	0.6	9/11	4	41	3	20.3	33.2	173	2621	56.2	72.2	64.4	--
Dairyland Seed	DSR-0220E	E3	0.2	9/12	4	30	2	19.9	33.5	166	2743	55.5	70.8	--	--
Dairyland Seed	DSR-0585E	E3	0.5	9/16	3	34	3	19.7	33.4	151	3013	55.7	63.2	--	--
Dairyland Seed	DSR-0757E	E3	0.7	9/17	4	33	1	19.9	32.2	171	2653	56.7	62.8	56.7	--
LG Seeds	LGS0125XF	RR2XF	0.1	9/4	2	36	5	19.6	33.2	154	2954	55.7	73.6	--	--
Mean				9/11	3	37	2	19.6	33.2	162	2817	55.9	68.4	--	--
C.V. (%)				0.0	23	9	41	1.5	1.4	3	4	0.5	6.5	--	--
LSD (0.05)				2.3	1	5	1	0.4	0.6	8	139	0.4	6.2	--	--
LSD (0.10)				1.9	1	4	1	0.3	0.5	7	116	0.3	5.2	--	--

Plant Date = May 22; Harvest Date = October 17; Previous Crop = Winter Rye

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													2023	2-yr. Avg.	3-yr. Avg.
LG Seeds	LGS0139XF	RR2XF	0.1	9/5	4	38	3	19.6	32.4	169	2695	55.3	67.4	--	--
LG Seeds	LGS0444XF	RR2XF	0.4	9/11	3	38	2	20.4	32.8	169	2683	55.2	71.9	--	--
LG Seeds	LGS0701XF	RR2XF	0.7	9/12	5	37	2	19.3	32.9	157	2898	56.1	71.0	62.6	51.4
Legacy Seeds	LS032-23 E	E3	0.3	9/11	3	38	3	19.5	33.7	159	2848	55.6	70.8	--	--
Legacy Seeds	LS044-23 XF	RR2XF	0.4	9/11	5	40	2	20.2	33.2	175	2601	55.4	77.7	--	--
Legacy Seeds	LS052-23 E	E3	0.5	9/11	4	35	3	20.0	32.7	161	2824	55.7	76.5	--	--
Legacy Seeds	LS064-23 XF	RR2XF	0.6	9/11	3	39	2	19.8	33.2	166	2734	55.8	77.2	--	--
Legacy Seeds	LS072-21 E	E3	0.7	9/13	4	33	2	18.4	34.9	164	2772	56.6	76.4	69.0	55.3
Legacy Seeds	LS074-22 XF	RR2XF	0.7	9/13	3	38	2	20.1	32.7	185	2451	55.4	76.5	67.6	--
Proseed	XF 40-12N	RR2XF	0.1	9/3	4	39	3	19.8	31.7	163	2792	55.1	66.9	--	--
Proseed	XF 30-42N	RR2XF	0.4	9/10	3	38	2	20.4	32.9	172	2643	55.5	71.6	65.9	--
Proseed	XF 30-52N	RR2XF	0.5	9/10	4	41	2	20.1	32.2	137	3315	55.7	71.0	--	--
Thunder Seed Inc.	TX8304N	RR2XF	0.4	9/11	4	39	3	20.1	32.0	133	3422	55.8	67.8	66.1	--
Thunder Seed Inc.	TEX2305	XF	0.5	9/13	4	39	2	20.2	33.2	163	2788	55.6	64.3	--	--
Thunder Seed Inc.	TX8305N	RR2XF	0.5	9/15	3	35	2	19.0	34.7	180	2525	56.3	69.8	63.7	--
Thunder Seed Inc.	TX8307N	RR2XF	0.7	9/18	4	38	3	18.7	33.7	161	2831	57.6	73.5	--	--
Thunder Seed Inc.	TE7407N	E3	0.7	9/13	3	35	2	18.9	34.3	169	2683	57.1	68.3	--	--
Dyna-Gro Seed	S03EN94	E3	0.3	9/12	3	37	3	19.5	33.5	152	2977	55.8	63.6	--	--
Dyna-Gro Seed	S05XF73	RR2XF	0.5	9/11	4	45	2	19.7	33.1	142	3199	55.9	71.2	66.7	--
Mean				9/11	3	37	2	19.6	33.2	162	2817	55.9	68.4	--	--
C.V. (%)				0.0	23	9	41	1.5	1.4	3	4	0.5	6.5	--	--
LSD (0.05)				2.3	1	5	1	0.4	0.6	8	139	0.4	6.2	--	--
LSD (0.10)				1.9	1	4	1	0.3	0.5	7	116	0.3	5.2	--	--

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													2023	2-yr. Avg.	3-yr. Avg.
Dyna-Gro Seed	S05EN82	E3	0.5	9/11	4	33	3	19.2	34.9	155	2929	55.2	69.4	66.7	54.3
Golden Harvest	GH0502XF	RR2XF	0.5	9/13	3	40	4	19.0	33.7	156	2911	57.0	76.0	--	--
Golden Harvest	GH0384XF	RR2XF	0.3	9/7	3	38	2	20.3	32.6	176	2573	55.4	74.4	--	--
Champion Seed	0294XL	RR2XF	0.2	9/8	3	38	2	20.7	33.1	181	2506	56.1	54.6	--	--
Champion Seed	0444XL	RR2XF	0.4	9/12	4	37	2	20.6	31.4	168	2699	56.0	63.4	--	--
Champion Seed	0563XL	RR2XF	0.5	9/15	2	37	3	19.2	32.7	144	3155	56.1	66.8	64.5	--
Champion Seed	0624XL	RR2XF	0.6	9/15	4	37	3	19.2	33.7	162	2807	55.9	66.3	--	--
Champion Seed	0743XL	RR2XF	0.7	9/14	3	36	1	19.4	34.4	180	2517	56.2	68.1	62.2	--
Paloma	PL2E013	E3	0.1	9/10	3	35	3	19.6	32.9	160	2843	55.2	69.4	--	--
Paloma	PL2E043	E3	0.4	9/8	4	34	2	19.2	34.3	157	2886	55.1	66.7	--	--
Paloma	PL2061	E3	0.6	9/12	4	35	4	19.7	33.1	137	3322	56.1	62.1	--	--
Paloma	PL2E073	E3	0.7	9/19	4	35	3	19.7	32.5	194	2334	56.2	69.1	--	--
Paloma	PL2E093	E3	0.9	9/18	5	38	3	19.2	32.9	181	2504	56.2	72.9	--	--
Paloma	PL2E101	E3	1	9/20	4	35	2	19.0	32.8	158	2880	56.7	72.4	--	--
Stine Seed	03EG62	E3	0.3	9/12	3	33	2	19.7	32.9	154	2948	55.6	69.5	--	--
Stine Seed	05EG26	E3	0.5	9/14	3	37	2	19.7	32.8	159	2858	55.9	72.9	--	--
Stine Seed	06EG62	E3	0.6	9/15	3	35	4	18.5	32.8	134	3391	56.4	69.4	--	--
Mean				9/11	3	37	2	19.6	33.2	162	2817	55.9	68.4	--	--
C.V. (%)				0.0	23	9	41	1.5	1.4	3	4	0.5	6.5	--	--
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