

**NDSU Carrington Research Extension Center
2022 Variety Trial Data**

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

Brand	Variety	Trait	Maturity Group	Maturity Date	Pod Height inches	Plant Height inches	Lodging 0-9	Oil Content %	Protein %	Seeds/Pound	Test Weight lb/bu	Yield		
												2022	2-yr. Avg. bu/a	3-yr. Avg.
NDSU	ND21008GT20	GT	00.8	9/4	3.0	28.6	1.3	19.0	35.2	3359	57.5	53.1	35.5	42.2
NDSU	ND2108GT73	GT	0.8	9/19	5.1	29.3	0.8	19.3	35.0	3597	58.0	61.8	43.0	48.9
NDSU	ND17009GT	GT	00.9	9/6	4.1	28.3	1.5	19.2	37.7	3104	58.8	48.6	34.5	40.9
REA Hybrids	R0112XF	RR2XF	0.1	9/12	4.3	36.8	1.3	18.8	36.0	3214	57.5	57.1	39.3	--
REA Hybrids	R0422XF	RR2XF	0.4	9/15	3.5	28.3	1.5	19.1	36.1	3218	57.4	55.7	--	--
REA Hybrids	R0632XF	RR2XF	0.6	9/17	3.8	26.8	0.5	18.5	35.8	3432	57.3	61.1	44.6	--
REA Hybrids	RX0721	RR2X	0.7	9/17	4.5	33.4	1.5	18.8	35.3	3200	57.2	63.9	47.7	54.7
LG Seeds	LGS0400RX	RR2X	0.4	9/13	4.3	32.3	1.5	19.5	33.9	3113	57.3	60.1	--	--
LG Seeds	LGS0595RX	RR2X	0.5	9/15	3.8	27.5	1.5	19.4	35.0	2685	57.7	59.8	--	--
LG Seeds	LGS0660XF	RR2XF	0.6	9/17	4.9	28.7	2.0	18.0	37.7	3015	57.9	53.8	--	--
LG Seeds	LGS0701XF	RR2XF	0.7	9/17	5.5	31.7	1.5	17.8	36.1	3559	57.8	54.3	41.6	--
Dairyland Seed	DSR-0660E	E3	0.6	9/13	3.0	25.2	0.8	18.5	37.0	3063	57.4	56.4	41.4	--
Dairyland Seed	DSR-0757E	E3	0.7	9/17	4.1	27.2	0.8	19.0	35.6	3137	57.9	50.5	--	--
NK Seeds	NK02-T4E3	E3	0.2	9/13	3.7	25.2	0.8	18.1	37.0	2983	57.2	53.9	--	--
NK Seeds	NK03-V5E3	E3	0.3	9/11	4.5	25.8	2.0	17.3	37.2	3349	57.4	58.9	--	--
NK Seeds	SO4-Q7X	RR2X	0.4	9/12	3.9	26.1	0.5	18.1	38.2	3130	58.1	57.9	43.6	50.7
NK Seeds	NK05-W3XF	RR2XF	0.5	9/14	5.4	30.7	2.0	17.3	37.3	3549	58.8	61.0	45.3	--
NK Seeds	NK06-P2XF	RR2XF	0.6	9/14	3.9	29.6	1.0	18.4	37.5	3051	57.6	56.5	--	--
Mean				9/14	4.2	28.5	1.3	18.6	36.1	3312	57.6	59.1	--	--
C.V. (%)				0.6	28.4	9.7	60.5	2.3	1.9	5.2	0.5	11.8	--	--
LSD (0.05)				2.2	1.7	3.8	1.1	0.6	1.0	247	0.4	9.8	--	--
LSD (0.10)				1.9	1.4	3.2	0.9	0.5	0.8	207	0.4	8.2	--	--

Planting Date = May 26; Harvest Date = September 27; Previous Crop = Spring Wheat

Data includes only released varieties. Experimental lines are not included. Statistics reflect the entire trial.

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Brand	Variety	Trait	Maturity Group	Maturity Date	Pod Height inches	Plant Height inches	Lodging 0-9	Oil Content %	Protein %	Seeds/Pound	Test Weight lb/bu	Yield		
												2022	2-yr. Avg. bu/a	3-yr. Avg.
Integra	70212	RR2XF	0.2	9/12	2.8	37.4	1.8	18.9	35.9	3193	57.3	56.7	40.6	--
Integra	70622N	RR2XF	0.6	9/16	3.9	27.2	1.5	18.4	35.2	3558	57.5	61.8	46.0	--
Integra	40300N	E3	0.3	9/15	4.1	28.1	1.0	19.1	36.4	3215	57.5	59.9	42.9	49.8
Paloma Seed	PL2E061	E3	0.6	9/15	4.7	23.5	1.0	18.8	35.4	3669	57.8	67.6	--	--
Proseed	XF30-12	RR2XF	0.1	9/8	3.6	25.0	0.5	18.7	34.9	2707	57.1	59.4	--	--
Proseed	XF30-42N	RR2XF	0.4	9/13	3.6	28.1	1.0	19.0	36.4	3170	57.3	60.3	--	--
Proseed	EL30-33	E3	0.3	9/13	3.5	28.3	1.5	18.7	36.2	3474	57.1	56.4	--	--
Proseed	EL30-53	E3	0.5	9/15	5.4	26.0	1.5	18.3	36.5	3355	57.7	58.5	--	--
Dyna-Gro	S04XT91	RR2X	0.4	9/13	4.1	26.0	1.0	19.2	34.8	2902	57.9	65.6	45.1	51.2
Dyna-Gro	S05EN82	E3	0.5	9/16	4.1	27.0	1.5	18.4	36.4	3356	57.7	64.0	46.7	--
Dyna-Gro	S05XF73	RR2XF	0.5	9/15	5.1	30.2	0.5	19.0	35.6	3577	57.8	62.2	--	--
Legacy Seeds	LS-0320 E3	E3	0.3	9/8	4.5	23.4	1.3	18.4	35.6	3718	56.7	65.2	46.1	51.2
Legacy Seeds	LS032-22 E	E3	0.3	9/13	3.9	28.1	1.0	19.2	35.1	3417	56.9	58.6	--	--
Legacy Seeds	LS044-21 XF	RR2FX	0.4	9/14	3.3	42.2	1.0	18.8	35.5	3374	57.7	53.1	41.6	--
Legacy Seeds	LS064-22 XF	RR2XF	0.6	9/16	4.1	30.7	1.0	18.2	35.2	3694	57.7	62.8	--	--
Legacy Seeds	LS074-22 XF	RR2XF	0.7	9/15	3.7	29.2	1.0	18.7	36.1	3147	57.5	58.7	--	--
Legacy Seeds	LS072-21 E	E3	0.7	9/15	5.5	27.5	0.5	17.3	37.3	3379	58.1	61.6	44.7	--
Legacy Seeds	LS092-22E	E3	0.8	9/15	4.7	26.4	1.3	18.1	36.2	3850	57.9	60.0	--	--
Stine Seed	03EB02	E3	0.3	9/7	3.7	23.9	1.3	18.1	35.5	3603	56.3	65.0	43.3	--
Mean				9/14	4.2	28.5	1.3	18.6	36.1	3312	57.6	59.1	--	--
C.V. (%)				0.6	28.4	9.7	60.5	2.3	1.9	5.2	0.5	11.8	--	--
LSD (0.05)				2.2	1.7	3.8	1.1	0.6	1.0	247	0.4	9.8	--	--
LSD (0.10)				1.9	1.4	3.2	0.9	0.5	0.8	207	0.4	8.2	--	--

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												2022	2-yr. Avg. bu/a	3-yr. Avg.
Stine Seed	04EE06	E3	0.4	9/14	3.5	23.1	1.5	18.3	36.9	3609	57.9	54.3	--	--
Stine Seed	05EB23	E3	0.5	9/13	3.9	27.9	2.5	18.7	35.4	3205	57.1	57.3	41.3	--
Stine Seed	08EC32	E3	0.7	9/18	5.1	28.2	2.5	17.9	37.7	3182	58.3	54.2	--	--
Thunder	SB8903N	RR2X	0.3	9/10	3.6	30.3	3.0	18.3	34.9	3515	57.6	60.7	44.3	49.0
Thunder	SB8104N	RR2X	0.4	9/14	4.8	27.8	0.8	19.0	35.5	2988	57.9	72.1	48.4	53.3
Thunder	TX8304N	RR2XF	0.4	9/12	4.7	31.3	0.8	19.0	35.0	3829	57.5	64.3	--	--
Thunder	TE7304N	E3	0.4	9/11	4.1	26.2	0.0	18.4	36.6	3035	57.5	60.2	--	--
Thunder	TX8305N	RR2XF	0.5	9/17	4.5	28.2	1.0	18.0	37.7	3039	57.8	57.6	--	--
Champion Seed	0563XL	RR2XF	0.5	9/17	3.1	27.7	1.3	18.3	35.4	3612	57.6	62.2	--	--
Champion Seed	0692XL	RR2XF	0.6	9/18	4.1	30.5	1.8	18.9	35.5	3317	57.7	56.1	42.2	--
Champion Seed	0743XL	RR2XF	0.7	9/18	5.7	27.9	2.0	17.9	37.7	3161	58.1	56.3	--	--
Mean				9/14	4.2	28.5	1.3	18.6	36.1	3312	57.6	59.1	--	--
C.V. (%)				0.6	28.4	9.7	60.5	2.3	1.9	5.2	0.5	11.8	--	--
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