

**NDSU Carrington Research Extension Center
2005 Variety Trial Data**

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

Brand	Variety	Mat. ⁻¹ Group	Days to Bloom	Days to PM	Pod Ht cm	Plant Ht inch	Seeds/ pound	Seed Oil %	Seed Protein %	Test Weight lb/bu	----- Seed Yield -----		
											2005	2-yr. Avg. bu/ac	3-yr. Avg.
Roughrider Genetics	RG200RR	0.0	45.7	103.3	10	27	3349	18.1	36.4	58.1	38.2	37.8	40.8
Roughrider Genetics	RG405RR	0.5	50.7	107.5	10	29	2837	18.9	35.1	57.8	40.1	41.0	43.1
Asgrow	AG 0801	0.8	48.7	111.8	11	30	3196	18.2	34.6	57.2	38.5	42.0	44.1
Proseed	RR 50-07	0.7	47.0	101.8	10	28	3429	19.0	34.5	56.6	44.1	--	--
Proseed	RR-50-00	0.0	48.0	104.0	9	26	3475	18.6	36.3	57.4	35.5	--	--
Proseed	RR-50-10	0.1	47.7	102.5	10	28	2910	18.5	35.2	56.9	42.6	--	--
Proseed	RR 40-20	0.2	50.7	103.5	8	23	3032	18.7	34.3	56.9	39.3	--	--
Proseed	RR 30-30	0.3	48.3	108.5	7	22	3454	18.2	36.6	57.2	33.1	35.1	--
Proseed	RR-50-30	0.3	45.3	106.8	11	28	2724	18.9	35.1	56.4	45.0	--	--
Proseed	RR 20-40	0.4	49.3	111.8	9	27	3072	18.4	35.4	56.0	36.2	--	--
Proseed	RR 0069	0.6	48.7	108.3	11	28	2673	18.4	34.6	57.0	43.9	43.2	46.0
Dyna-Gro	31F02	0.2	48.7	103.8	8	25	3203	18.7	34.2	57.1	38.7	--	--
Dyna-Gro	SX 05203	0.3	45.7	105.8	10	26	2882	18.6	35.9	56.7	43.6	--	--
Dyna-Gro	SX 05405	0.5	50.3	110.5	11	29	3003	18.5	35.1	57.0	45.6	--	--
Dyna-Gro	SX 05009	0.9	46.7	103.5	8	27	3518	18.8	36.4	57.5	38.9	--	--
Mallard	RR 0212	0.2	50.0	103.8	10	27	3213	18.5	34.7	57.1	38.3	38.7	--
Mallard	RR 0514	0.5	49.7	109.5	9	30	3273	18.0	36.5	57.3	40.3	--	--
Pioneer	90M60	0.6	48.0	110.3	10	23	2778	17.7	37.0	57.5	37.4	41.0	--
Pioneer	90M61	0.6	49.0	108.3	8	24	2606	19.4	35.1	57.0	39.8	--	--
Pioneer	90M20	0.2	49.7	105.5	9	24	3133	18.6	34.9	57.4	42.2	--	--
Thunder	2405 RR	0.5	49.0	109.3	10	27	3228	18.1	36.6	57.0	38.5	--	--
Thunder	2604 RR	0.4	55.0	111.0	14	27	3637	17.9	36.0	57.5	40.0	--	--
Thunder	2502 RR	0.2	50.7	104.8	8	26	3178	18.6	34.3	56.7	41.4	--	--
Thunder	2504 RR	0.4	52.3	112.5	10	25	3274	18.0	36.3	56.9	38.0	--	--
Prairie Brand	PB-0554RR	0.4	50.0	108.5	9	29	3682	18.1	35.8	57.0	42.2	42.8	--
Prairie Brand	PB-0565RR	0.5	50.0	111.0	11	28	3129	18.2	35.2	57.2	44.9	--	--
Kruger	K-009+RR	0.9	48.7	103.5	11	26	3584	18.6	36.6	57.3	41.1	--	--
Kruger	K-033RR	0.3	46.0	106.8	10	26	2659	18.8	35.6	56.4	37.1	36.9	--
Kruger	K-056RR	0.5	50.3	111.0	11	28	2971	18.2	35.9	57.1	41.0	--	--
Kruger	K-072RR	0.7	51.7	113.5	9	26	3081	18.0	36.2	56.4	42.0	--	--
Kruger	K-080RR	0.8	54.0	113.5	12	25	3128	17.8	36.5	56.2	45.3	--	--
Kruger	K-098RR	0.9	49.3	113.8	10	31	2971	17.9	36.2	57.3	45.7	44.6	--
Kruger	K-100RR	1.0	53.0	115.3	13	26	3075	18.7	35.8	56.2	42.2	--	--
Kruger	K-102RR	1.0	49.3	112.3	8	31	2998	18.6	34.9	56.2	47.8	--	--
Hyland	RR Rugged	0.3	47.0	106.3	9	29	3020	18.3	34.8	57.4	36.0	38.1	39.5
	MEAN		48.9	106.9	9.4	27.3	3185	18.4	35.5	57.1	40.1	--	--
	C.V.%		3.9	1.0	22.9	10.5	4.5	2.3	2.3	0.9	11.4	--	--
	LSD.05		3.1	1.5	3.0	4.0	198	0.5	1.1	0.7	6.3	--	--

Planting Date = May 17 ; Harvest Date = September 19 ; Previous Crop = Barley

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

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Soybean - Dryland, Roundup Ready Varieties **Carrington (Page 2 of 3)**

Brand	Variety	Mat. ⁻¹ Group	Days to Bloom	Days to PM	Pod Ht cm	Plant Ht inch	Seeds/ pound	Seed Oil %	Seed Protein %	Test Weight lb/bu	----- Seed Yield -----		
											2-yr. Avg. bu/ac	3-yr. Avg. bu/ac	
Hyland	RR Reliant	0.3	47.0	107.3	7	23	3577	18.3	36.5	57.2	38.7	--	--
Hyland	HX 540		49.3	111.0	9	27	3075	19.4	34.3	57.2	35.3	--	--
Hyland	RR Regal	0.5	49.0	109.8	8	29	3288	18.4	35.3	57.2	36.6	36.0	39.7
Dairyland	DSR-C800/RR	00.8	46.7	103.8	9	25	3166	18.5	36.2	56.4	37.4	--	--
Dairyland	DSR-0401/RR	0.4	50.0	108.3	11	25	3366	18.2	36.4	57.0	37.6	--	--
Dairyland	DSR-0501/RRST	0.5	52.3	108.3	8	26	3415	18.1	35.7	58.1	41.3	--	--
Dairyland	DSR-C900/RR	00.9	45.7	100.0	10	27	3123	18.6	35.0	56.1	34.1	35.4	--
Renk Seed	RS035RR	0.3	50.3	108.8	11	31	3526	18.7	33.1	57.8	45.5	--	--
PFS	0303RR	0.3	49.0	104.5	9	31	3410	18.4	36.2	57.9	40.4	39.5	42.8
PFS	0502RR	0.2	50.0	104.8	9	23	3226	18.8	33.9	57.1	35.8	37.1	--
Stauffer	4005R	00.5	47.3	102.5	10	28	2936	18.2	36.5	57.1	35.5	--	--
Stauffer	4011R	0.1	48.7	108.0	8	25	3354	18.1	36.2	57.6	39.9	--	--
Stauffer	4020R	0.2	51.3	104.3	10	26	3298	18.6	34.4	57.2	41.2	--	--
Stauffer	4031R	0.3	50.7	108.5	12	31	3581	17.8	33.6	57.4	42.3	--	--
Stauffer	4051R	0.5	50.7	110.3	13	28	3041	18.6	34.5	57.0	41.2	--	--
NuTech Seed	NT-0102+RR	0.1	48.7	104.8	10	25	2841	18.4	36.5	56.8	42.7	--	--
NuTech Seed	NT-0121+RR	0.1	49.7	104.0	10	24	3184	18.4	34.8	57.0	31.6	--	--
NuTech Seed	NT-0222+RR	0.2	45.0	106.8	10	24	2918	18.6	35.4	56.6	41.8	--	--
NuTech Seed	NT-0414+ RR	0.4	49.0	109.5	7	30	3195	18.0	36.4	57.2	39.6	--	--
NuTech Seed	NT-0440 RR	0.4	52.0	107.5	13	33	3525	18.6	33.2	57.1	43.5	--	--
NuTech Seed	NT-0504+ RR	0.5	49.3	108.3	11	28	3113	18.7	35.7	56.6	45.0	--	--
NuTech Seed	NT-0525+ RR	0.5	49.0	109.3	10	29	3642	18.3	35.4	56.7	39.2	--	--
NuTech Seed	NT-0606 RR	0.6	48.7	109.8	11	29	3131	18.2	36.3	56.8	41.0	45.1	46.8
NuTech Seed	NT-0606+ RR	0.6	50.0	109.8	9	27	3235	18.1	36.5	56.8	44.9	--	--
NuTech Seed	NT-0616+ RR	0.6	51.3	111.3	13	30	3014	18.3	35.0	56.4	46.3	--	--
NuTech Seed	NT-0686+ RR	0.6	52.3	111.5	10	27	3005	18.1	35.8	56.8	44.6	--	--
NuTech Seed	NT-0747+ RR	0.7	54.3	109.3	11	29	3181	18.3	34.2	57.8	46.2	--	--
Legend	0255 RR	0.2	49.7	108.8	9	29	3284	17.8	37.0	57.3	43.5	--	--
Legend	0093 RR	0.9	46.3	102.5	7	26	3959	18.2	35.5	57.5	37.7	--	--
NK Brand	S01-T5 (X402R)	0.1	47.0	105.0	11	25	2701	18.2	36.9	57.2	38.5	--	--
NK Brand	S02-M9	0.2	49.7	105.0	8	27	2762	18.4	37.6	57.6	38.2	41.8	--
NK Brand	S04-Z9	0.4	49.3	106.3	11	31	2811	18.2	34.8	57.9	40.4	42.5	--
NK Brand	S08-C3(X309R)	0.8	45.7	110.8	9	29	3232	18.4	34.3	57.8	43.8	--	--
Mustang	M-025RR	0.2	49.3	104.3	11	29	3197	18.5	34.2	56.9	40.1	--	--
Mustang	M-036RR	0.3	51.0	108.8	12	36	3552	18.8	33.4	57.2	44.8	--	--
MEAN			48.9	106.9	9.4	27.3	3185	18.4	35.5	57.1	40.1	--	--
C.V.%			3.9	1.0	22.9	10.5	4.5	2.3	2.3	0.9	11.4	--	--
LSD.05			3.1	1.5	3.0	4.0	198	0.5	1.1	0.7	6.3	--	--

Planting Date = May 17 ; Harvest Date = September 19 ; Previous Crop = Barley

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

Brand	Variety	Mat. ⁻¹ Group	Days to Bloom	Days to PM	Pod Ht cm	Plant Ht inch	Seeds/ pound	Seed Oil %	Seed Protein %	Test Weight lb/bu	----- Seed Yield -----		
											2-yr. Avg. bu/ac	3-yr. Avg. bu/ac	
Croplan Genetics	RTO243	0.2	49.0	106.8	10	32	3105	18.7	34.6	57.7	39.3	--	--
Croplan Genetics	RTO383	0.3	50.7	108.8	11	31	3573	18.8	32.9	57.6	36.9	--	--
Croplan Genetics	RTO273	0.2	48.3	105.0	6	26	3217	18.4	34.8	57.0	37.9	--	--
Gold Country	926RR	00.9	45.7	103.5	9	28	3574	18.7	36.1	57.2	40.5	--	--
Gold Country	2603 RR	0.3	46.3	107.5	8	23	2791	18.7	35.0	56.9	37.6	--	--
Gold Country	2305 RR	0.5	49.0	110.0	9	29	3127	18.1	36.2	56.7	48.8	--	--
Dekalb	DKB 009-51	00.9	49.0	102.8	10	30	2915	18.6	35.2	57.1	40.6	--	--
Asgrow	AG 0202	0.2	48.3	105.0	10	28	2786	18.4	34.3	57.7	48.7	--	--
Asgrow	AG 0301	0.3	46.7	105.3	8	28	3319	19.0	33.1	57.3	39.3	38.9	42.0
Asgrow	AG 0401	0.4	51.7	110.3	9	30	2865	18.8	34.6	56.3	46.2	--	--
Dekalb	DKB 08-51	0.8	47.7	109.5	9	32	3148	18.1	35.2	57.4	43.7	--	--
HyTest	HTS0050RR Ex	00.5	45.7	101.5	9	28	4172	18.6	35.8	57.3	41.2	--	--
HyTest	HTS0200RR Ex	0.2	51.3	104.8	9	27	3268	18.6	34.7	57.0	36.4	--	--
Wolf River Valley	23005	00.5	49.3	101.8	11	28	3020	18.4	36.4	56.9	38.4	--	--
Wolf River Valley	9905	0.5	49.3	110.3	10	27	3060	18.4	36.4	57.1	39.2	--	--
Wolf River Valley	2507	0.7	49.0	110.0	12	28	2840	18.9	33.9	57.3	45.7	--	--
NorthStar Genetics	NS0099 RR	0.0	47.0	103.0	11	29	4082	18.2	36.5	57.3	41.2	--	--
NorthStar Genetics	NS0309 RR	0.3	49.3	107.5	8	22	3373	18.1	36.7	56.8	31.7	--	--
Biogene	BG 0025 RR	00.2	47.3	96.0	8	24	3545	18.5	35.4	56.4	23.4	--	--
Biogene	BG 0050 RR	00.5	49.3	101.0	9	25	2880	18.1	37.3	56.4	35.1	--	--
Biogene	BG 0085 RR	00.8	50.7	103.0	10	24	3893	18.1	37.1	56.5	36.6	--	--
Biogene	BG 031 RR	00.9	46.0	108.3	11	29	3575	17.8	36.8	57.3	43.8	--	--
Biogene	BG 0103 RR	0.1	46.3	101.5	8	25	3646	18.8	34.9	57.1	36.8	36.4	39.8
Biogene	BG 0203 RR	0.2	48.3	108.3	9	25	3089	19.0	35.5	56.8	37.4	37.8	39.9
Biogene	BG 0503 RR	0.5	48.7	109.5	9	29	3234	18.2	36.4	57.0	40.7	--	--
Stine	S0260-4	0.2	51.7	110.5	10	29	2896	18.7	35.1	56.4	49.6	--	--
MEAN			48.9	106.9	9.4	27.3	3185	18.4	35.5	57.1	40.1	--	--
C.V.%			3.9	1.0	22.9	10.5	4.5	2.3	2.3	0.9	11.4	--	--
LSD.05			3.1	1.5	3.0	4.0	198	0.5	1.1	0.7	6.3	--	--

Planting Date = May 17 ; Harvest Date = September 19 ; Previous Crop = Barley

1; Maturity group based on data provided by seed company. ** Days to PM: average of 107 = September 1.