

**NDSU Carrington Research Extension Center
2006 Variety Trial Data**

Soybean - Dryland, Roundup Ready Varieties **Carrington (Page 1 of 4)**

Brand	Variety	Mat. ⁻¹ Group	Days to PM	Pod Ht cm	Plant Ht inch	Seeds/ pound	Seed Oil %	Seed Protein %	Test Weight lb/bu	--- Seed Yield ---	
										2006 -----	2-yr. Avg. bu/ac ----
Roughrider Genetics	RG200RR	0.0	100.8	6	19	3181	18.2	38.2	57.6	32.3	35.3
Roughrider Genetics	RG405RR	0.5	113.3	9	22	2622	18.9	36.4	57.0	37.2	38.7
Asgrow	AG0801	0.8	114.5	9	26	2740	18.3	36.3	57.1	45.0	--
Roughrider Genetics	RG6008RR	00.8	94.3	3	15	3296	18.1	38.6	57.7	22.9	28.3
Roughrider Genetics	RG600RR	0.0	98.3	6	19	3151	18.7	36.6	57.0	34.1	34.8
Roughrider Genetics	RG601NRR	0.1	105.5	7	19	3045	18.6	37.1	57.4	34.4	38.1
Roughrider Genetics	RG603RR	0.3	106.3	6	19	2803	18.5	37.3	56.5	38.0	40.5
Roughrider Genetics	RG604RR	0.4	106.0	6	20	3180	18.9	36.2	56.9	33.8	38.9
Roughrider Genetics	RG607RR	0.7	113.3	11	26	2398	18.2	37.6	55.8	41.6	41.9
Atlas Brand	5B004	00.4	98.8	5	16	3673	19.0	35.8	56.1	31.9	--
Atlas Brand	5B008	00.8	100.3	5	18	3941	18.4	37.0	56.4	28.8	--
Atlas Brand	5A009	00.9	103.3	6	19	3564	19.1	37.2	55.5	35.4	--
Atlas Brand	5B034	0.3	114.8	8	20	2457	19.6	36.2	55.6	41.2	--
Atlas Brand	5B053	0.5	114.5	9	23	2691	18.7	36.1	56.1	47.1	--
Dairyland Seed	DSR-C700/RRSTS	00.7	103.3	6	18	3202	18.3	36.5	55.1	30.7	--
Dairyland Seed	DSR-C800/RR	00.8	107.5	6	19	2935	18.9	36.4	55.0	40.1	38.8
Dairyland Seed	DSR-0401/RR	0.4	112.0	9	19	2876	18.8	36.7	55.6	40.9	39.3
Dairyland Seed	DSR-0501/RRSTS	0.5	112.8	7	19	3211	18.6	36.0	56.5	37.8	39.6
Kruger	K-008RR	00.8	106.0	5	15	3170	19.2	35.5	55.8	33.4	--
Kruger	K-009+RR	00.9	104.3	7	17	3428	19.0	37.0	55.4	33.5	37.3
Kruger	K-042RR	0.4	114.8	10	22	2510	19.7	35.7	55.6	46.8	--
Kruger	K-056RR	0.6	115.5	9	22	2668	18.2	36.6	56.0	39.7	40.4
Kruger	K-057RR	0.5	113.8	8	22	2733	18.8	36.7	55.0	43.3	--
Kruger	K-072RR	0.7	118.0	7	17	2840	18.2	37.4	55.9	36.4	39.2
Kruger	K-086RR	0.8	114.5	10	25	2513	17.8	35.8	56.5	45.7	--
Kruger	K-091RR	0.9	114.5	7	20	2549	18.6	37.1	56.4	35.4	--
Kruger	K-098RR	0.9	120.0	11	24	2492	17.8	38.2	56.2	39.6	42.7
Kruger	K-100RR	1.0	121.5	11	22	2669	18.4	37.3	55.8	42.2	42.2
Pioneer	90M20	0.2	105.5	5	19	2966	18.5	36.5	56.5	36.4	39.3
Pioneer	90M40	0.4	107.8	6	20	2789	18.8	36.7	56.3	37.4	--
Pioneer	90M60	0.6	112.3	7	17	2564	18.2	37.4	56.7	41.0	39.2
Hyland	RR Rugged	0.3	105.0	6	23	2823	19.3	36.0	55.8	38.4	37.2
Hyland	RR Reliant	0.3	109.8	5	16	3170	18.2	37.7	56.0	29.4	34.1
Hyland	RR Ridgeway	0.2	102.0	6	16	3098	19.1	35.5	55.7	34.5	--
Hyland	RR Rockport	0.6	114.8	6	18	2831	19.2	36.3	56.3	31.1	--
MEAN			108.7	7.4	20.0	2925	18.6	36.7	56.1	37.3	--
C.V.%			1.3	22.9	10.7	4.7	1.8	1.5	1.3	12.2	--
LSD.05			2.0	2.3	3.0	190	0.5	0.8	1.0	6.3	--

Planting Date = May 16 ; Harvest Date = September 18 ; Previous Crop = Durum

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 4)**

Brand	Variety	Mat. ⁻¹ Group	Days to PM	Pod Ht cm	Plant Ht inch	Seeds/ pound	Seed Oil %	Seed Protein %	Test Weight lb/bu	--- Seed Yield ---	
										2006 -----	2-yr. Avg. bu/ac -----
Thunder	703RR	0.3	116.3	11	20	2445	19.0	36.2	56.0	42.2	--
Thunder	2703RR	0.3	115.3	8	19	2560	18.2	37.3	55.8	40.9	--
Thunder	2605RR/STS	0.5	112.5	7	21	3242	18.5	36.4	56.5	38.6	--
Thunder	2502RR	0.2	100.5	5	18	3041	18.7	36.3	55.7	31.0	36.2
NuTech Seed	NT-0304+RR	0.3	109.0	7	18	2772	18.8	37.0	57.0	39.3	--
NuTech Seed	NT-0330+RR	0.3	115.0	9	21	2513	19.3	36.6	56.0	43.9	--
NuTech Seed	NT-0660+RR	0.5	114.0	8	21	2867	18.6	36.8	55.8	41.6	--
NuTech Seed	NT-0686+RR	0.5	114.0	8	19	2680	18.4	37.0	56.0	39.1	41.9
NuTech Seed	NT-0636+RR	0.5	115.8	10	20	2597	18.2	36.8	56.6	42.9	--
NuTech Seed	NT-0616+ RR	0.5	117.5	10	21	2716	18.3	36.9	56.4	38.0	42.2
NuTech Seed	NT-0786+ RR	0.6	114.8	8	21	2632	18.4	37.2	55.8	42.0	--
NuTech Seed	NT-0701+ RR	0.6	114.0	11	23	2531	17.8	36.3	56.8	43.8	--
NuTech Seed	NT-0747+ RR	0.6	114.8	9	19	2586	18.2	36.9	56.6	41.8	44.0
NuTech Seed	NT-0706+ RR	0.6	115.3	9	20	2794	18.5	36.5	59.9	36.1	--
NuTech Seed	NT-0886+ RR	0.7	120.8	8	19	2864	17.5	37.5	55.8	38.9	--
NuTech Seed	NT-0889+ RR	0.7	117.3	10	23	2532	18.2	37.5	56.2	43.6	--
NuTech Seed	NT-0990+ RR	0.8	118.3	9	21	2484	18.6	37.1	56.5	38.1	--
Prairie Brand	PB-0216RR	0.2	106.0	6	21	2882	19.0	35.9	55.3	40.1	--
Prairie Brand	PB-0356RR	0.3	114.5	9	20	2530	19.6	36.3	55.9	41.9	--
Prairie Brand	PB-0565RR	0.5	115.0	8	21	2651	18.6	36.4	55.8	41.4	43.2
Prairie Brand	PB-0636RR	0.6	114.0	9	21	2636	18.6	36.2	56.4	47.8	--
Proseed	RR 50-07	0.7	98.0	9	21	3614	18.6	36.4	56.3	34.5	39.3
Proseed	RR-50-00	0.0	104.3	7	19	3404	19.0	37.2	55.6	37.4	36.5
Proseed	RR-50-10	0.1	102.8	6	20	2709	18.4	37.0	55.6	37.0	39.8
Proseed	RR 40-20	0.2	101.5	7	19	3075	19.2	36.1	55.5	33.5	36.4
Proseed	RR 60-20	0.2	109.8	6	17	3060	18.1	38.3	55.3	35.5	--
Proseed	RR-50-30	0.3	111.0	8	20	2448	18.9	36.7	54.7	37.0	41.0
Proseed	RR 60-40	0.4	116.8	8	20	2530	19.3	36.9	56.0	46.0	--
Proseed	RR 0069	0.6	110.0	7	21	2529	19.2	35.2	55.7	41.6	42.8
NK Brand	S04-Z9	0.4	108.3	7	20	2716	18.5	37.7	56.7	36.8	38.6
NK Brand	S08-C3	0.8	115.5	9	25	2848	18.1	36.2	56.9	41.8	42.8
NK Brand	S08-M8	0.8	113.5	6	21	2832	18.1	36.8	55.8	41.9	--
NK Brand	S06-09	0.6	106.3	8	22	2695	18.7	37.4	56.7	39.2	--
NK Brand	S02-M9	0.2	103.3	7	19	2817	18.8	38.0	56.3	35.1	--
AgSource	9065	0.6	109.0	7	22	3412	18.3	36.7	55.4	39.3	--
MEAN			108.7	7.4	20.0	2925	18.6	36.7	56.1	37.3	--
C.V.%			1.3	22.9	10.7	4.7	1.8	1.5	1.3	12.2	--
LSD.05			2.0	2.3	3.0	190	0.5	0.8	1.0	6.3	--

Planting Date = May 16 ; Harvest Date = September 18 ; Previous Crop = Durum

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Soybean - Dryland, Roundup Ready Varieties **Carrington (Page 3 of 4)**

Brand	Variety	Mat. ⁻¹ Group	Days to PM	Pod Ht cm	Plant Ht inch	Seeds/ pound	Seed Oil %	Seed Protein %	Test Weight lb/bu	--- Seed Yield ---	
										2006	2-yr. Avg. bu/ac
AgSource	9057	0.5	112.0	8	21	3265	18.6	36.0	56.1	34.2	--
AgSource	9053	0.5	113.3	9	21	2803	18.5	37.2	55.5	40.4	--
AgSource	9037	0.3	116.5	10	18	2486	19.3	36.1	56.1	40.2	--
Legend	LS0624RR	0.6	109.5	8	22	3282	18.6	37.4	55.7	36.3	--
Legend	LS0255RR	0.2	102.3	5	17	3312	18.8	35.8	55.9	30.2	36.9
Legend	LS0065RR	00.6	99.5	5	19	3876	19.2	35.8	56.5	36.6	--
Gold Country	426RR	00.4	96.3	5	17	3771	18.9	36.4	55.9	34.3	--
Gold Country	923RR	0	101.5	6	19	3950	19.2	37.0	56.5	35.4	--
Gold Country	2305RR	0.5	112.8	8	21	2882	18.4	37.1	55.7	39.5	44.2
Gold Country	2703RR	0.3	116.3	10	20	2447	19.4	36.1	55.7	46.1	--
Gold Country	2704RR	0.4	110.3	7	18	2777	19.0	36.3	56.6	39.6	--
PFS	0502 RR	0.2	102.8	7	18	3088	18.9	35.5	55.1	31.6	33.7
PFS	0703 RR	0.3	115.3	7	19	2700	18.1	38.3	56.4	34.8	--
Croplan Genetics	RTO273	0.2	104.5	7	18	3049	18.9	35.8	55.8	29.3	33.6
Croplan Genetics	RTO406	0.4	117.0	9	22	2523	19.3	36.0	55.7	40.4	--
Croplan Genetics	RTO669	0.6	112.0	7	24	3152	18.5	36.8	55.7	36.0	--
NorthStar Genetics	NS0620RR	0.6	110.5	7	24	3102	18.4	37.2	55.4	41.9	--
NorthStar Genetics	NS0220RR	0.2	101.0	5	17	3154	18.6	35.9	55.3	29.2	--
PSI	PSI95009RR	00.9	102.3	6	20	3888	18.9	36.5	56.3	35.6	--
PSI	PSI96061RR	0.6	116.0	8	20	2720	18.4	37.2	56.5	38.9	--
Dyna-Gro	30M09	00.9	103.8	7	19	3329	19.1	36.8	55.7	33.9	--
Dyna-Gro	31F02	0.2	101.8	8	17	3052	18.7	36.0	55.4	34.2	36.5
Dyna-Gro	SX06703	0.3	115.5	10	22	2450	19.6	36.1	55.8	44.5	--
Dyna-Gro	33T06	0.6	109.8	8	22	3247	18.2	37.1	55.9	37.5	--
Dekalb	DKB009-51	00.9	102.5	7	21	2768	18.5	36.6	55.7	38.5	39.6
Asgrow	AG 0202	0.2	107.5	7	21	2573	18.3	36.6	56.4	38.5	43.6
Asgrow	AG0301	0.3	108.0	7	20	2895	18.8	35.5	55.1	36.8	38.1
Asgrow	AG0401	0.4	112.5	9	22	2550	19.5	35.8	55.7	45.2	45.7
Dekalb	AG0604	0.6	111.0	10	24	2766	19.3	36.1	56.4	42.9	--
Mustang	M-036RR	0.3	110.8	10	26	2995	19.0	35.4	55.5	46.7	45.8
Mustang	M-047RR	0.4	114.8	11	20	2497	19.6	35.8	56.0	45.2	--
Biogene	BG0046 RR	00.4	100.0	6	18	3194	18.8	36.6	54.2	30.9	--
Biogene	BG0086 RR	00.8	99.8	7	18	3328	18.7	37.6	55.3	30.5	--
Biogene	BG0106 RR	0.1	102.8	6	21	2924	18.4	36.7	55.7	32.8	--
Biogene	BG0506 RR	0.5	115.8	9	20	2664	18.1	36.6	56.0	43.5	--
MEAN			108.7	7.4	20.0	2925	18.6	36.7	56.1	37.3	--
C.V.%			1.3	22.9	10.7	4.7	1.8	1.5	1.3	12.2	--
LSD.05			2.0	2.3	3.0	190	0.5	0.8	1.0	6.3	--

Planting Date = May 16 ; Harvest Date = September 18 ; Previous Crop = Durum

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Soybean - Dryland, Roundup Ready Varieties

Carrington (Page 4 of 4)

Brand	Variety	Mat. ⁻¹ Group	Days to PM	Pod Ht cm	Plant Ht inch	Seeds/ pound	Seed Oil %	Seed Protein %	Test Weight lb/bu	--- Seed Yield ---	
										2006 -----	2-yr. Avg. bu/ac -----
Biogene	BG0103 RR	0.1	97.8	7	19	3636	18.8	36.4	55.2	32.1	34.5
Wolf River Valley	23005 RR	00.5	101.8	6	20	2884	18.2	38.0	55.9	34.1	36.3
Wolf River Valley	2507 RR	0.7	111.5	7	20	2828	19.8	34.6	55.5	39.0	42.4
Legume Matrix	MTX Exp A03-S	0.3	110.0	6	21	2844	18.8	35.6	56.7	34.4	--
Legume Matrix	MTX Exp B05-S	0.5	115.5	9	21	2448	18.0	37.4	55.5	39.7	--
Legume Matrix	MTX Exp C07-S	0.7	115.3	9	20	2683	18.6	36.5	56.5	35.5	--
Legume Matrix	MTX Exp A03-J	0.3	112.8	8	19	2859	18.0	38.5	55.9	32.1	--
Legume Matrix	MTX Exp B05-J	0.5	102.8	7	20	3204	18.7	37.1	56.8	35.7	--
Legume Matrix	MTX Exp C07-J	0.7	115.0	8	21	2659	18.3	36.9	56.6	38.3	--
Legume Matrix	MTX Exp D09-J	0.9	115.3	11	24	2474	17.3	36.2	56.6	40.6	--
Renk	RS035RR	0.3	111.8	7	23	3134	18.9	35.8	55.5	36.8	41.2
Stauffer	4020 R	0.2	99.8	6	18	3365	18.3	38.0	57.0	25.9	33.6
Stauffer	4032 R	0.3	99.8	6	20	3284	18.3	37.6	56.8	29.8	--
Stine	S0090-84	00.9	107.5	6	16	3009	19.1	35.6	55.5	33.7	--
Stine	S0306-4	0.3	116.8	11	21	2503	19.3	36.4	55.4	43.3	--
MEAN			108.7	7.4	20.0	2925	18.6	36.7	56.1	37.3	--
C.V.%			1.3	22.9	10.7	4.7	1.8	1.5	1.3	12.2	--
LSD.05			2.0	2.3	3.0	190	0.5	0.8	1.0	6.3	--

Planting Date = May 16 ; Harvest Date = September 18 ; Previous Crop = Durum

1; Maturity group based on data provided by seed company. ** Days to PM: average of 109 = September 2.