

**NDSU Carrington Research Extension Center**  
**2009 Variety Trial Data**

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

Brand	Variety	Mat. Group <sup>1</sup>	Days to PM <sup>2</sup>	Pod Ht cm	Plant Ht inch	Plant Lodge 0 to 9	Seeds/ pound	Seed Oil %	Seed Protein %	Test Weight lb/bu	--- Seed Yield ---	
											2009	3-yr. Avg.
Pioneer	90Y41	0.4	117.8	6	18.1	0.5	2774	20.7	36.9	56.5	41.3	--
Pioneer	90Y42	0.4	119.5	7	24.3	0.8	3181	19.3	37.5	56.6	47.8	--
Pioneer	90Y50	0.5	120.5	9	24.8	0.3	3372	18.9	38.1	57.2	52.6	--
Pioneer	90Y80	0.8	122.8	10	26.0	1.3	2969	20.3	36.5	56.9	54.5	--
Hyland Seeds	RR Rockport	0.6	118.0	6	18.4	0.5	2916	19.8	37.6	56.4	36.0	39.4
Hyland Seeds	07RY07	0.5	120.5	6	22.2	0.5	3124	19.1	37.9	57.4	51.2	--
Kruger Seeds	K-009RR	0.9	110.3	6	20.5	0.0	3117	19.7	38.5	56.7	43.0	46.5
Kruger Seeds	K-028RR	0.2	119.8	7	22.8	1.8	3750	18.5	39.5	56.8	42.3	--
Kruger Seeds	K-042RR	0.4	122.8	7	26.5	1.3	3054	19.7	37.7	56.9	52.0	50.4
Kruger Seeds	K2X05A9	0.5	120.3	6	24.5	0.5	3205	18.8	38.5	57.8	49.9	--
Kruger Seeds	K-058RR	0.5	115.3	6	21.6	0.5	3941	18.5	39.2	57.2	49.8	--
Kruger Seeds	K-072+RR	0.8	125.0	8	22.9	2.5	3316	19.5	37.3	56.7	51.2	52.5
Kruger Seeds	K-091RR	0.9	124.5	9	22.4	1.5	3075	19.5	37.2	57.7	50.0	55.1
Kruger Seeds	K2X09A9	0.9	126.0	7	24.5	1.5	2714	19.0	37.3	57.4	52.7	--
Kruger Seeds	K2X10A9	1.0	124.8	7	21.1	1.3	2750	19.1	38.4	57.5	53.2	--
Proseed	70-10	0.1	113.3	5	16.7	0.8	3181	19.6	37.6	56.9	44.1	48.2
Proseed	80-20	0.2	119.0	5	22.0	2.5	2431	19.5	36.7	56.4	41.9	--
Proseed	70-30	0.3	120.5	7	24.0	1.3	3461	18.4	38.7	57.7	50.3	53.0
Proseed	60-40	0.4	123.8	10	25.9	1.5	2940	19.8	37.3	57.2	51.5	51.9
Proseed	90-40	0.4	122.8	7	26.1	1.8	3356	20.0	36.6	56.5	53.0	--
Proseed	80-50	0.5	117.0	6	20.2	0.3	3981	18.8	38.7	57.2	46.4	--
Proseed	G2 90-50	0.5	120.0	6	22.3	0.3	3138	19.2	37.9	57.1	50.4	--
Renk	RS050RR	0.5	123.3	9	26.4	1.5	3317	19.7	36.8	56.7	53.4	--
Renk	RS067RR	0.6	121.3	7	22.2	2.0	3261	19.1	38.1	56.4	47.0	--
Renk	RS037RR	0.3	122.3	7	23.0	1.3	3164	19.6	37.8	56.7	42.1	45.8
Renk	RS010RR	0.2	117.5	5	19.9	1.0	3801	18.9	37.6	57.0	38.7	--
Legend Seeds	LS 0207RR	0.2	119.0	5	24.4	0.8	3495	18.6	37.4	57.2	47.6	--
Legend Seeds	LS 0439RR	0.4	116.3	5	19.1	0.8	3915	18.6	39.0	57.4	47.6	--
Dairyland	DSR-C770/RR	0.7	117.3	8	23.1	1.5	3690	18.7	38.7	56.6	41.5	--
Dairyland	DSR-0101/RR	0.1	116.5	7	19.7	1.8	3191	19.5	36.7	56.4	50.4	--
Dairyland	DST03-000/R2Y	0.3	121.0	6	22.0	0.0	3501	18.3	38.5	57.1	46.2	--
Dairyland	DST05-002/R2Y	0.5	121.5	7	23.8	1.0	4009	18.9	37.1	57.5	45.7	--
PFS	1000RR	0.0	115.5	6	21.4	1.8	3320	19.0	37.3	56.4	49.1	--
PFS	0806RR	0.6	120.0	9	22.8	1.8	3402	19.5	36.3	56.8	53.6	--
MEAN			120.1	7.1	22.8	1.2	3271	19.2	37.5	57.0	48.3	--
C.V. (%)			1.1	33.5	12.0	56.3	5.0	1.5	1.4	0.8	10.0	--
LSD 0.05			1.8	3.3	3.8	1.0	226	0.4	0.7	0.6	6.7	--

Planting Date = May 18 ; Harvest Date = October 19 ; Previous Crop = Spring Wheat

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

Brand	Variety	Mat. Group <sup>1</sup>	Days to PM <sup>2</sup>	Pod Ht cm	Plant Ht inch	Plant Lodge 0 to 9	Seeds/ pound	Seed Oil %	Seed Protein %	Test Weight lb/bu	--- Seed Yield ---	
											2009	3-yr. Avg.
PFS	1002RR	0.2	114.5	5	20.5	1.5	2227	19.3	37.2	56.2	48.1	--
Dyna-Gro Seed	32T03	0.3	122.3	8	24.8	1.5	3015	19.9	37.1	56.8	53.2	49.8
Dyna-Gro Seed	37P05	0.5	116.0	6	20.9	0.5	3926	18.7	38.8	57.3	47.7	--
Dyna-Gro Seed	31M05	0.5	122.5	10	25.4	1.3	3374	19.6	36.8	56.9	53.2	--
NK Brand	S01-C9	0.1	114.0	4	18.7	0.0	2669	19.3	38.9	56.9	37.1	--
NK Brand	S02-K3	0.2	112.3	5	17.3	0.3	2850	20.2	36.7	57.0	40.7	--
NK Brand	S06-W2	0.6	121.5	5	23.1	0.3	3263	18.5	37.4	57.0	52.8	--
Thunder	exp3005RR	00.5	120.5	5	21.6	0.3	3243	18.9	38.0	57.5	46.4	--
Integra Fortified Seed	79020R	0.2	116.5	5	26.1	0.3	3872	18.8	37.0	56.5	47.8	--
Integra Fortified Seed	79031R	0.3	122.3	7	22.9	1.8	3038	19.8	37.5	56.6	49.6	--
Integra Fortified Seed	2050RR2	0.5	120.0	8	24.4	0.5	3231	19.1	38.0	57.3	50.1	--
G2 (NuTech)	6098	0.9	122.5	6	22.4	1.0	2840	19.3	37.1	57.3	49.5	--
NuTech	6022	0.2	114.3	7	21.1	1.3	2326	19.3	37.1	56.4	48.0	--
G2 (NuTech)	6049	0.4	116.8	7	23.0	0.5	2809	19.3	36.7	57.2	46.6	--
NuTech	6059	0.5	121.3	10	24.2	2.5	3289	18.9	38.2	56.8	49.9	--
NuTech	6068	0.6	122.5	6	23.1	3.0	3539	19.1	37.3	57.3	43.5	--
NuTech	0636RR	0.6	121.5	9	23.6	2.0	3416	19.6	36.1	57.4	52.1	55.3
NuTech	0686RR	0.6	119.8	9	23.9	2.0	3420	18.6	39.3	56.2	47.6	51.2
G2 (NuTech)	6088	0.8	124.8	7	22.0	3.0	3353	19.2	37.6	56.8	50.4	--
NuTech	0886RR	0.8	124.3	9	21.1	2.8	3405	19.2	37.5	57.0	50.5	--
NuTech	0990RR	0.9	126.0	8	23.1	2.5	3076	19.5	37.3	57.6	51.5	55.4
Wensman	W 2069RR	0.6	120.8	9	22.1	1.3	3481	19.2	36.2	57.4	50.2	--
Wensman	W 2079RR	0.7	122.8	8	22.2	2.0	3452	19.1	37.4	57.3	45.7	--
Wensman	W 2090RR	0.9	122.8	8	25.2	1.3	3180	19.3	37.3	57.0	52.9	--
Asgrow	AG0202	0.2	116.5	6	22.4	0.0	2804	18.8	37.1	57.5	45.2	49.7
Asgrow	AG0401	0.4	118.8	10	23.7	0.5	3402	18.7	37.9	57.0	45.3	51.5
Asgrow	AG0604	0.6	117.5	8	21.5	0.0	3288	20.1	36.4	57.5	47.8	52.1
Asgrow	AG0808	0.8	124.0	10	29.5	1.3	2939	19.6	35.5	57.7	57.5	--
Northstar Genetics	NS0853RR	0.8	126.0	9	24.2	2.8	3217	19.5	37.1	56.7	52.6	--
Northstar Genetics	NS0514RR	0.5	116.8	6	20.8	0.3	3866	18.9	38.3	57.2	47.5	--
Hefty	H037	0.3	122.3	8	23.4	1.3	3066	19.8	37.3	56.9	45.8	--
Hefty	H067	0.6	121.5	8	21.9	1.3	3349	19.8	35.7	57.1	51.3	--
Hefty	H070	0.7	123.3	6	22.3	2.0	3232	19.4	37.1	57.0	46.4	--
Hefty	H095	0.9	123.3	11	28.5	0.5	3277	19.1	36.6	57.4	50.5	--
MEAN			120.1	7.1	22.8	1.2	3271	19.2	37.5	57.0	48.3	--
C.V. (%)			1.1	33.5	12.0	56.3	5.0	1.5	1.4	0.8	10.0	--
LSD 0.05			1.8	3.3	3.8	1.0	226	0.4	0.7	0.6	6.7	--

Planting Date = May 18 ; Harvest Date = October 19 ; Previous Crop = Spring Wheat

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<b>Soybean - Dryland, Roundup Ready Varieties</b>	<b>Carrington (Page 3 of 3)</b>
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Brand	Variety	Mat. Group <sup>1</sup>	Days to PM <sup>2</sup>	Pod Ht cm	Plant Ht inch	Plant Lodge 0 to 9	Seeds/ pound	Seed Oil %	Seed Protein %	Test Weight lb/bu	--- Seed Yield ---	
											2009	3-yr. Avg.
Stine	0634-4	0.6	120.8	9	22.3	2.0	3370	19.0	38.3	56.8	46.2	--
Stine	0283-4	0.2	119.3	6	21.9	1.5	3672	18.7	39.6	57.1	41.7	--
Integra Fortified Seed	96081R	0.8	119.0	7	23.5	2.3	3421	18.8	39.2	56.6	48.7	--
Integra Fortified Seed	78070R	0.9	125.5	9	22.5	3.3	3299	19.5	37.5	56.6	53.3	--
Mustang Seed	M-036RR	0.3	118.0	8	27.5	0.5	3585	19.3	36.6	57.5	50.7	52.7
Thunder	2905RR	0.5	116.0	5	22.4	0.3	3990	18.8	38.1	56.9	48.3	--
Thunder	2906RR	0.6	121.0	10	22.1	1.3	3344	19.8	35.6	57.1	54.1	--
MEAN			120.1	7.1	22.8	1.2	3271	19.2	37.5	57.0	48.3	--
C.V. (%)			1.1	33.5	12.0	56.3	5.0	1.5	1.4	0.8	10.0	--
LSD 0.05			1.8	3.3	3.8	1.0	226	0.4	0.7	0.6	6.7	--

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<sup>1</sup> Maturity group based on data provided by seed company.

<sup>2</sup> Days to PM: average of 120 = September 15.