

**NDSU Carrington Research Extension Center**  
**2013 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	Seeds/ pound	Seed Oil %	Seed Protein %	Test Weight lb/bu	--- Seed Yield ---		
										2013	3-yr. Avg.	
										-----	bu/ac	-----
Asgrow	AG0231		99.3	6.5	19.5	3331	17.3	33.0	54.8	21.9	--	
Asgrow	AG0333		116.0	7.3	21.9	3089	16.2	34.9	55.4	26.9	--	
Asgrow	AG0430		105.8	7.0	17.9	3368	16.8	34.8	54.7	25.9	45.9	
Channel	0507R2	0.5	112.0	6.3	20.7	2861	16.4	36.3	56.2	33.7	--	
Channel	0707R2	0.7	110.8	7.8	20.4	3159	16.2	34.8	56.3	31.8	--	
Dairyland	DSR-C905/R2Y	00.9	98.0	4.3	16.2	3919	17.0	34.2	54.8	23.1	--	
Dairyland	DSR-0305/R2Y	0.3	110.8	6.8	17.1	3119	16.9	34.9	54.6	24.2	--	
Dairyland	DSR-0404/R2Y	0.4	117.5	8.3	21.1	2936	16.3	34.5	55.4	33.3	--	
Dairyland	DSR-0606/R2Y	0.6	117.8	9.0	20.4	3230	16.8	34.2	55.7	29.8	--	
Dairyland	DSR-0747/R2Y	0.7	116.0	5.8	18.8	3060	16.0	34.8	55.5	27.8	46.2	
Dyna-Gro Seed	S02RY74	0.2	102.5	8.5	19.6	3241	16.5	35.9	55.3	34.0	--	
Dyna-Gro Seed	34RY03	0.3	97.8	6.0	19.3	2899	16.7	34.2	53.8	22.1	46.6	
Dyna-Gro Seed	S06RY24	0.6	116.3	7.0	18.3	2866	15.6	36.9	55.2	30.9	--	
Gold Country Seed	0943		119.5	7.3	20.0	2757	16.7	34.2	54.7	32.7	--	
Hyland Seeds	HX 01RY41	0.1	105.0	6.3	19.4	3291	17.3	34.8	54.9	27.0	--	
Hyland Seeds	HS 01RY02	0.1	98.5	6.0	19.1	2878	16.5	34.0	56.0	21.4	--	
Hyland Seeds	HX 03RY42	0.6	115.0	10.0	20.2	3084	16.6	33.8	55.5	30.0	--	
Integra	20109 R2Y	0.1	106.8	7.0	18.0	2680	17.1	35.2	55.2	28.1	--	
Integra	20215 R2Y	0.2	102.0	8.0	20.5	3118	16.8	34.7	55.3	33.0	--	
Integra	20300 R2Y	0.3	116.0	7.0	19.2	3033	16.4	34.9	55.6	28.6	--	
Integra	20600 R2Y	0.6	116.3	7.5	19.5	3021	16.6	33.5	55.4	36.7	49.2	
Kruger	K2-0052	00.5	93.0	6.0	16.3	2955	16.6	33.5	54.3	23.2	--	
Kruger	K2-0092	00.9	108.5	9.5	19.8	2608	16.7	35.9	55.5	34.2	--	
Kruger	K2-0101	0.1	100.3	6.3	20.7	2798	17.1	34.0	55.1	29.7	46.4	
Kruger	K2-0302	0.3	113.0	5.5	20.9	2843	16.3	36.4	54.9	31.1	--	
Kruger	K2-0504	0.5	121.5	6.8	15.6	2813	16.2	35.0	54.2	27.7	--	
Kruger	K2-0601	0.6	116.0	10.3	19.8	2999	16.3	33.8	55.2	27.6	48.6	
Kruger	K2-0801	0.8	117.5	6.5	16.7	2940	16.4	34.4	55.3	26.0	47.7	
Kruger	K2-0901	0.9	119.0	7.3	15.9	3003	16.2	35.4	55.3	27.4	--	
Kruger	K2-1001	1.0	121.0	6.3	16.7	2831	15.8	36.1	55.2	32.3	49.9	
Kruger	K2-1102	1.1	124.5	9.5	21.0	2680	15.1	36.1	55.4	34.3	--	
Kruger	K2-1103	1.1	120.0	10.0	21.4	2759	16.6	34.8	54.8	33.5	--	
Legend Seeds	LS 01R24	0.1	100.0	6.8	20.7	3247	16.9	34.9	54.9	32.6	--	
Legend Seeds	LS 03R22	0.3	117.8	7.0	21.1	3036	16.6	34.2	55.7	30.2	--	
Legend Seeds	LS 06R21	0.6	116.5	8.0	20.7	3075	16.1	34.7	54.8	29.6	--	
Legend Seeds	LS 06R24N	0.6	120.0	9.8	18.8	2906	15.6	36.0	54.9	32.8	--	
Mustang	04403	0.4	116.3	6.8	21.9	2971	16.5	34.3	55.2	33.0	--	
MEAN			112.8	7.1	19.0	3023	16.5	34.7	55.2	29.4	--	
C.V. (%)			2.1	29.0	15.3	4.1	2.5	2.2	1.6	16.7	--	
LSD 0.10			2.7	2.4	3.4	143	0.5	0.9	1.0	5.7	--	
LSD 0.05			3.2	2.9	4.0	170	0.6	1.1	1.2	6.8	--	

**Planting Date = May 28 ; Harvest Date = October 18 ; 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	Seeds/ pound	Seed Oil %	Seed Protein %	Test Weight lb/bu	--- Seed Yield ---		
										2013	3-yr. Avg.	
										-----	bu/ac	-----
Mustang	06942	0.6	115.0	8.0	20.0	3119	16.5	33.6	54.6	28.9	--	
Mustang	07724	0.7	116.3	5.0	17.3	2958	17.1	33.9	54.9	27.8	--	
Mustang	08824	0.8	120.0	9.0	23.2	2954	16.5	34.5	54.8	32.6	--	
Mycogen Seeds	5B024R2	0.2	97.0	6.3	19.6	2990	16.8	34.1	54.7	25.1	45.4	
Mycogen Seeds	5B040R2	0.4	116.0	8.3	19.8	3057	16.4	35.0	55.0	32.1	--	
Mycogen Seeds	5B066R2	0.6	115.8	8.8	19.8	3079	17.1	33.4	54.5	33.1	--	
Mycogen Seeds	5B080R2	0.6	115.5	9.0	20.5	3053	15.8	35.6	55.9	28.0	--	
NorthStar Genetics	NS0537R2	0.5	112.7	5.0	18.9	3203	16.2	35.0	54.1	28.1	--	
NorthStar Genetics	NS1257R2	1.2	121.0	5.7	18.5	2698	14.9	36.0	55.9	28.7	--	
Nuseed	2071 RR2YN	0.7	118.8	4.5	16.3	2944	17.1	33.9	55.6	28.6	--	
NuTech/G2 Genetic	6021	0.2	107.3	5.3	16.4	2835	17.5	34.2	55.8	21.9	--	
NuTech/G2 Genetic	6043	0.4	110.5	8.5	19.4	2885	17.6	33.4	54.9	25.0	--	
NuTech/G2 Genetic	6052	0.5	117.3	6.0	19.5	3043	16.9	34.5	54.5	30.9	47.8	
NuTech/G2 Genetic	7063	0.6	106.5	6.8	17.9	3308	17.0	33.9	54.7	31.2	--	
NuTech/G2 Genetic	6088	0.8	119.0	6.8	17.4	3095	16.0	35.0	54.5	29.0	46.9	
NuTech/G2 Genetic	6093	0.9	120.5	6.5	18.8	2573	15.5	37.2	55.6	28.1	--	
NuTech/G2 Genetic	6098	0.9	119.5	7.0	19.5	2826	17.1	32.9	55.9	30.1	49.8	
PFS	12R05	0.5	116.3	7.5	21.6	3121	16.3	34.9	55.0	35.5	50.9	
PFS	12R06	0.6	118.5	5.3	17.3	3020	16.0	34.4	55.6	28.9	45.8	
PFS	13R03	0.3	115.5	7.5	18.1	3130	16.0	35.3	54.9	25.3	--	
Pioneer	90Y50	0.5	112.3	8.0	19.2	3079	17.7	34.6	55.3	29.5	47.7	
Pioneer	90Y70	0.7	115.5	6.8	17.6	3060	16.6	35.1	55.0	24.5	45.1	
Prairie Brand	PB-00950R2	0.9	99.8	6.8	19.7	2917	17.1	34.2	55.0	28.5	--	
Prairie Brand	PB-0441R2	0.4	117.5	8.0	18.8	3013	16.7	33.7	56.1	31.0	--	
Prairie Brand	PB-0551R2	0.5	117.3	9.0	19.2	2995	16.2	34.1	55.5	36.6	--	
Prairie Brand	PB-0609R2	0.6	115.7	6.7	14.3	3104	16.3	34.7	56.4	24.4	--	
Prairie Brand	PB-0777R2	0.7	120.0	6.5	19.9	2955	16.5	34.8	56.2	36.1	--	
Prairie Brand	PB-0866R2	0.8	120.5	7.5	18.1	2731	15.5	36.2	54.9	28.4	--	
Proseed	20-30	0.3	115.0	6.5	18.1	3041	16.6	34.1	55.6	32.3	--	
Proseed	11-50	0.5	116.0	8.8	19.4	3040	16.5	33.8	54.2	34.5	51.1	
Proseed	PX06	0.6	114.3	8.0	15.7	2876	16.6	34.7	55.6	35.7	--	
Proseed	20-70	0.7	116.5	8.0	22.1	2646	15.8	36.3	55.8	32.2	--	
REA	62G22	0.2	97.5	6.8	21.3	2972	17.1	34.0	54.4	23.8	--	
REA	66G22	0.4	116.8	7.0	19.5	3202	16.3	34.4	55.6	25.6	47.9	
REA	65G22	0.5	115.8	5.5	17.0	3139	16.2	34.2	54.6	26.0	--	
REA	66G14	0.6	115.5	7.3	19.3	3151	16.3	34.3	54.5	33.4	--	
Renk	RS033R2	0.3	114.5	7.5	17.6	3151	16.6	34.4	55.6	29.5	--	
MEAN			112.8	7.1	19.0	3023	16.5	34.7	55.2	29.4	--	
C.V. (%)			2.1	29.0	15.3	4.1	2.5	2.2	1.6	16.7	--	
LSD 0.10			2.7	2.4	3.4	143	0.5	0.9	1.0	5.7	--	
LSD 0.05			3.2	2.9	4.0	170	0.6	1.1	1.2	6.8	--	

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**Carrington (Page 3 of 3)**

Brand	Variety	Mat. Group <sup>1</sup>	Days to PM <sup>2</sup>	Pod Ht cm	Plant Ht inch	Seeds/ pound	Seed Oil %	Seed Protein %	Test Weight lb/bu	--- Seed Yield ---		
										2013	3-yr. Avg.	
										-----	bu/ac	-----
Renk	RS053R2	0.5	120.5	7.3	16.7	2733	16.3	35.1	55.7	29.1	--	
Stine	02RE03	0.2	106.8	7.3	17.3	3204	15.5	36.2	54.9	27.8	--	
Stine	03RD66	0.3	116.5	7.8	19.6	3138	16.2	34.9	56.2	27.7	--	
Thunder	32005R2Y	00.5	94.0	6.3	17.4	3434	17.4	33.9	54.9	26.9	--	
Thunder	31009R2Y	00.9	100.8	5.8	19.6	2962	17.6	33.4	54.4	28.7	--	
Thunder	33009R2Y	00.9	97.5	6.0	16.4	4080	17.4	33.3	55.3	26.9	--	
Thunder	3201R2Y	0.1	112.8	6.8	18.0	2904	17.0	34.4	54.8	25.6	--	
Thunder	3202R2Y	0.2	114.7	7.0	18.2	3181	16.3	35.2	54.6	33.7	46.7	
Thunder	3303R2Y	0.3	118.0	6.0	18.9	3187	16.2	34.7	55.1	24.1	--	
Thunder	3205R2Y	0.5	116.8	9.3	22.1	2998	16.4	33.9	54.2	36.9	52.0	
Thunder	3406R2YN	0.6	112.8	6.3	16.7	2978	16.5	34.4	55.5	31.4	--	
Wensman	W3032R2	0.4	118.8	6.8	19.7	2989	16.6	34.1	56.1	32.0	--	
Wensman	W3024R2	0.5	101.5	8.3	17.7	3177	17.0	34.7	54.9	29.2	--	
Wensman	W3058R2	0.5	117.5	6.8	16.6	3051	16.1	35.0	56.7	30.0	48.9	
Wensman	W3062NR2	0.6	114.8	6.0	17.3	2940	16.0	35.8	54.8	31.5	--	
Wensman	W3076R2	0.7	119.8	6.5	20.7	2866	15.9	35.1	54.8	26.6	47.3	
Wensman	W3090NR2	0.8	118.0	5.5	21.0	2910	16.3	34.7	56.3	29.7	--	
MEAN			112.8	7.1	19.0	3023	16.5	34.7	55.2	29.4	--	
C.V. (%)			2.1	29.0	15.3	4.1	2.5	2.2	1.6	16.7	--	
LSD 0.10			2.7	2.4	3.4	143	0.5	0.9	1.0	5.7	--	
LSD 0.05			3.2	2.9	4.0	170	0.6	1.1	1.2	6.8	--	

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

<sup>2</sup> Days to PM: average of 113 = September 18.