

NDSU Carrington Research Extension Center
2012 Variety Trial Data

Soybean - Irrigated, Roundup Ready Varieties **Carrington (Page 1 of 2)**

Brand	Variety	Mat. Group ¹	Days to PM ²	Pod Ht cm	Plant Ht inch	Plant Lodge 0 to 9	Seeds/ pound	Seed Oil %	Seed Protein %	Test Weight lb/bu	----- Seed Yield -----			
											2012	2-yr. Avg.	3-yr. Avg.	
												bu/ac	bu/ac	bu/ac
Asgrow	AG0333	0.3	122.3	17	44.3	3.3	2891	19.6	32.7	56.9	58.9	--	--	
Asgrow	AG0430	0.4	121.5	18	43.4	2.0	3007	18.3	33.7	57.7	56.6	61.2	--	
Asgrow	AG0532	0.5	121.5	18	43.9	1.8	2826	17.9	33.9	57.9	62.4	62.9	--	
Dairyland	DSR-C905/R2Y	00.9	112.3	8	43.6	2.3	3341	19.1	32.2	57.1	56.4	--	--	
Dairyland	DSR-0200/R2Y	0.2	115.8	10	45.7	1.8	2268	18.1	34.4	58.0	52.9	--	--	
Dairyland	DSR-0404/R2Y	0.4	120.3	20	42.9	2.0	3007	18.9	33.1	56.9	61.3	--	--	
Dairyland	DSR-0606-R2Y	0.6	122.8	13	40.6	2.5	3149	19.3	32.3	57.4	65.0	--	--	
Dairyland	DSR-0747/R2Y	0.7	128.5	21	51.6	3.8	2846	17.9	33.8	57.3	51.6	54.5	57.1	
Dyna-Gro Seed	34RY03	0.3	116.3	11	46.9	1.5	2211	18.1	34.2	58.2	56.3	59.2	--	
Dyna-Gro Seed	S0RY13	0.4	121.0	15	45.6	3.0	2529	18.7	33.7	57.3	60.3	--	--	
Dyna-Gro Seed	37RY06	0.6	121.8	17	41.9	2.0	2849	18.1	33.8	57.4	60.7	63.0	--	
Dyna-Gro Seed	S08RY23	0.8	127.5	18	42.6	2.0	2744	19.1	32.7	56.8	62.9	--	--	
G2 Genetics	6025	0.2	118.0	11	39.6	1.3	2640	20.1	33.5	56.7	55.0	--	--	
G2 Genetics	6043	0.4	120.8	19	40.7	1.0	2494	19.2	33.1	57.3	53.4	--	--	
G2 Genetics	0525	0.5	121.0	10	50.4	1.8	3391	19.5	32.6	57.3	56.8	--	--	
G2 Genetics	6052	0.5	124.3	23	50.4	2.3	2681	19.6	33.4	57.8	53.5	--	--	
G2 Genetics	7063	0.6	122.5	17	43.8	2.5	3081	19.2	32.0	57.3	56.4	--	--	
G2 Genetics	6070	0.7	123.8	18	42.7	1.8	2743	19.1	33.7	56.6	59.0	60.1	59.4	
G2 Genetics	6088	0.8	128.8	21	40.4	1.8	3077	18.4	34.0	57.1	57.4	57.9	58.1	
G2 Genetics	6092	0.9	126.3	19	46.1	2.8	2814	19.0	32.9	58.1	60.9	59.9	--	
G2 Genetics	6098	0.9	124.5	18	46.7	1.8	2795	19.0	31.8	57.3	58.2	62.1	60.1	
Hyland Seeds	HS 01RY02	0.1	117.8	12	49.2	2.5	2462	18.2	32.9	57.7	55.6	--	--	
Hyland Seeds	HS 04RY03	0.4	119.8	18	46.9	2.3	2649	18.4	34.0	57.6	57.7	61.4	60.7	
Kruger	K2-0092	00.9	121.5	15	43.1	3.3	2838	19.6	32.7	56.8	55.9	--	--	
Kruger	K2-0101	0.1	116.8	9	45.5	2.0	2281	18.3	34.2	58.3	51.0	56.3	--	
Kruger	K2-0402	0.4	120.3	19	45.3	3.0	2552	18.7	33.4	57.3	62.0	--	--	
Kruger	K2-0503	0.5	121.5	18	39.2	3.0	2865	18.6	33.6	57.3	67.6	--	--	
Kruger	K2-0504	0.5	124.5	23	41.5	1.5	2634	18.8	33.4	57.1	64.7	--	--	
Kruger	K2-0601	0.6	124.5	19	44.3	3.0	2681	18.7	32.9	57.5	56.6	60.2	--	
Kruger	K2-0701	0.7	128.8	14	47.2	3.0	2745	18.9	32.6	57.2	58.5	60.3	--	
Kruger	K2-0801	0.8	122.3	23	38.1	2.0	2778	18.6	33.1	57.6	66.2	65.9	63.1	
Kruger	K2-0901	0.9	125.8	19	42.3	2.0	2733	19.3	33.3	56.9	66.6	--	--	
Kruger	K2-1001	1.0	126.5	19	47.3	3.3	2823	18.4	33.4	57.1	56.1	58.1	59.2	
Northstar Genetics	NS0187R2	0.2	114.5	12	37.6	1.8	2784	19.3	33.4	57.1	59.7	--	--	
Northstar Genetics	NS0318R2	0.3	118.8	23	41.9	1.8	3136	18.6	33.3	57.2	62.5	--	--	
PFS	12R03	0.3	118.8	20	42.7	3.5	3120	19.0	32.9	57.2	61.7	--	--	
PFS	12R06	0.6	122.5	19	38.8	2.8	2930	18.3	34.1	57.5	65.0	64.6	--	
MEAN			121.8	17.3	43.2	2.3	2801	18.9	33.2	57.3	59.6	--	--	
C.V. (%)			1.2	24.7	5.2	25.1	2.8	1.9	1.4	0.5	8.2	--	--	
LSD 0.05			2.1	5.9	3.1	0.8	109	0.5	0.7	0.4	6.8	--	--	

Planting Date = May 14 ; Harvest Date = September 27 ; Previous Crop = Soybean

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

Brand	Variety	Mat. Group ¹	Days to PM ²	Pod Ht cm	Plant Ht inch	Plant Lodge 0 to 9	Seeds/ pound	Seed Oil %	Seed Protein %	Test Weight lb/bu	----- Seed Yield -----			
											2012	2-yr. Avg.	3-yr. Avg.	
												bu/ac	bu/ac	bu/ac
Pioneer	90Y21	0.2	118.3	17	42.5	1.8	2565	19.9	33.1	57.3	57.3	59.2	--	
Pioneer	90Y41	0.4	118.3	10	33.1	1.0	2649	21.2	31.5	56.1	56.9	--	--	
Pioneer	90Y50	0.5	123.3	18	47.0	2.3	2874	19.1	33.2	57.6	55.8	61.3	59.2	
Pioneer	90Y70	0.7	123.5	14	45.1	2.3	2684	19.2	32.6	57.5	60.8	63.6	61.6	
Prairie Brand	PB-0441R2	0.3	119.5	21	42.1	2.0	3044	18.9	32.9	57.2	65.2	--	--	
Prairie Brand	PB-0510R2	0.5	122.5	20	42.7	2.5	2805	18.6	33.6	57.3	62.3	--	--	
Prairie Brand	PB-0863R2	0.8	126.3	20	42.3	2.0	2718	19.2	33.0	56.8	61.4	--	--	
Prairie Brand	PB-0920R2	0.9	127.3	24	42.5	2.3	2867	19.3	33.3	56.6	55.3	--	--	
Prairie Brand	PB-1061R2	1.0	128.8	22	44.1	2.8	2517	18.6	34.9	57.3	49.9	--	--	
REA	64G14	0.4	121.8	18	46.7	2.0	2514	18.6	33.7	57.4	57.5	--	--	
REA	65G22	0.5	123.0	16	45.9	2.3	2814	19.0	32.1	57.1	63.7	63.8	--	
REA	66G22	0.6	122.5	19	38.8	2.3	2850	18.8	33.7	57.4	70.9	68.3	--	
REA	67G61	0.7	123.8	16	40.3	2.5	2851	18.3	33.0	57.8	59.1	60.5	61.0	
RENK	RS033R2	0.3	118.3	23	40.0	2.0	3009	18.7	33.4	57.4	63.4	--	--	
RENK	RS053R2	0.5	125.3	21	41.3	1.5	2617	18.8	33.1	57.1	63.1	--	--	
RENK	RS050RR	0.5	124.0	17	47.8	3.0	3071	19.5	32.7	57.0	59.7	61.7	--	
RENK	RS082R2	0.8	122.8	21	39.4	2.5	2908	18.4	33.3	57.5	61.3	--	--	
Seeds 2000	2051 RR2Y	0.5	123.3	20	44.4	2.3	2686	18.6	32.8	57.0	63.3	61.5	--	
Thunder	31009R2Y	0.9	114.0	12	46.3	2.5	2485	18.5	33.5	57.9	48.6	--	--	
Thunder	33009R2YN	0.9	113.8	12	41.8	2.5	3265	19.2	32.5	57.0	58.3	--	--	
Thunder	3201R2Y	0.1	115.0	13	36.6	1.3	2727	19.4	33.5	57.1	59.3	--	--	
Thunder	3202R2Y	0.2	123.8	22	42.5	2.0	3303	19.1	33.1	57.0	58.4	58.4	--	
Thunder	3303R2Y	0.3	120.0	20	43.9	2.8	2993	18.3	33.7	57.1	64.5	--	--	
Thunder	3205R2Y	0.5	124.3	15	44.5	2.8	2724	18.3	32.6	57.2	62.4	62.0	--	
Wensman	W 3032R2	0.3	119.3	23	41.1	1.5	3017	18.8	33.2	57.3	63.6	--	--	
Wensman	W 3050NR2	0.5	121.3	16	44.7	2.8	2542	18.8	33.5	57.2	60.4	--	--	
Wensman	W 3058R2	0.5	122.3	25	39.8	2.5	2909	18.1	33.8	57.5	63.2	64.8	--	
Wensman	W 3076R2	0.7	123.8	23	40.7	2.3	2672	18.6	33.8	56.8	60.9	59.8	--	
Wensman	W 3090NR2	0.9	126.8	19	41.9	2.3	2740	19.3	32.8	56.9	60.9	--	--	
MEAN			121.8	17.3	43.2	2.3	2801	18.9	33.2	57.3	59.6	--	--	
C.V. (%)			1.2	24.7	5.2	25.1	2.8	1.9	1.4	0.5	8.2	--	--	
LSD 0.05			2.1	5.9	3.1	0.8	109	0.5	0.7	0.4	6.8	--	--	

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¹ Maturity group based on data provided by seed company.

² Days to PM: average of 122 = September 13.