

**NDSU Carrington Research Extension Center
2011 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 %	Protei n %	Test Weight lb/bu	--- Seed Yield ---		
											2011	3-yr. Avg.	
											-----	bu/ac	-----
Kruger	K2-0091	00.9	113.0	8	34.2	2.8	2416	19.9	30.8	57.1	57.3	--	
Kruger	K2-0101	0.1	113.5	9	34.3	3.0	2329	19.6	32.3	57.5	61.6	--	
Kruger	K2-0401	0.4	119.5	9	31.9	1.8	2954	19.4	33.1	56.9	63.7	--	
Kruger	KX0721	0.4	.	9	31.9	1.0	3688	18.7	33.1	56.2	60.6	--	
Kruger	K2-0502	0.5	119.5	9	34.1	3.3	3625	19.9	31.1	56.7	58.3	--	
Kruger	K-072+	0.5	.	9	29.9	1.0	3765	18.5	33.0	56.1	60.4	--	
Kruger	K2-0601	0.6	.	11	34.3	2.3	3220	19.5	30.9	56.7	63.7	--	
Kruger	K2-0701	0.7	.	10	36.2	2.0	3093	19.5	31.3	56.7	62.1	--	
Kruger	K2-0801	0.8	.	9	32.1	1.3	3325	19.0	32.1	57.1	65.6	--	
Kruger	K2-1001	1.0	.	12	37.5	2.3	3633	18.5	32.5	56.8	60.1	--	
Pioneer	90Y20	0.2	115.5	8	33.1	1.8	3148	19.9	32.3	57.2	61.4	--	
Pioneer	90Y42	0.4	117.7	10	31.9	1.0	3008	20.3	31.3	56.6	66.3	--	
Pioneer	90Y50	0.5		11	33.1	1.5	3272	20.1	31.2	57.0	66.8	--	
Pioneer	90Y70	0.7	.	9	33.1	1.0	2881	20.1	31.8	57.1	66.4	--	
Pioneer	90Y21	0.2	116.0	9	28.8	1.0	2577	20.6	31.8	57.2	61.1	--	
Dyna-Gro Seed	35RY01	0.1	113.0	7	34.8	3.0	2872	20.3	31.0	57.0	61.7	--	
Dyna-Gro Seed	34RY03	0.3	114.8	9	33.4	2.5	2468	19.5	32.3	57.6	62.2	--	
Dyna-Gro Seed	37RY06	0.6	.	10	32.5	1.0	3304	18.7	32.7	56.8	65.4	--	
Dyna-Gro Seed	31RY08	0.8	.	10	31.9	1.5	3072	19.2	32.7	56.5	65.0	--	
Asgrow	AG0430	0.4	116.3	9	30.7	1.5	3022	19.7	31.4	57.2	65.9	--	
Asgrow	AG0532	0.5	116.5	9	31.1	1.8	2955	19.3	31.1	57.5	63.5	--	
Asgrow	AG0732	0.7	.	9	32.9	1.5	3201	19.6	31.7	56.8	60.7	--	
Dairyland	DSR-0603/R2Y	0.6	.	10	36.4	1.5	3796	18.6	33.0	57.6	57.9	--	
Dairyland	DSR-0747/R2Y	0.7	.	10	33.9	1.5	3400	18.9	32.2	57.5	57.4	--	
Hyland	HS 04RY03	0.4	116.8	10	30.7	2.5	2631	19.3	32.5	57.2	65.1	--	
AgVenture	009K9	00.9	112.5	7	30.7	2.8	3180	20.5	32.6	56.6	58.3	--	
AgVenture	03K3	0.3	113.0	8	29.3	1.3	2590	20.1	33.2	56.5	62.9	--	
Thunder Seed	3205R2Y	0.5	.	10	31.9	2.3	3212	19.6	31.0	56.9	61.5	--	
Thunder Seed	3106R2Y	0.6	.	8	34.3	3.3	3676	19.8	31.2	56.9	57.8	--	
Thunder Seed	3103R2Y	0.3	115.5	7	31.1	2.0	2698	19.7	31.9	57.2	54.1	--	
Thunder Seed	3202 R2Y	0.2	.	10	30.7	1.3	3808	18.7	33.1	56.7	58.3	--	
Renk	RS052R2	0.5	.	9	31.1	1.3	3070	19.2	33.0	57.0	60.1	--	
Renk	RS050RR	0.5	.	10	33.1	2.0	3344	20.1	31.4	56.6	63.6	--	
REA	65G22	0.5	.	10	33.9	2.3	3205	19.5	30.9	56.7	64.0	--	
REA	66G22	0.6	.	10	33.5	1.8	3290	18.6	32.6	57.1	65.6	--	
REA	67G61	0.7	.	10	33.3	1.0	3316	18.9	32.2	57.0	61.8	--	
PFS	12R06	0.6	.	11	32.7	1.3	3263	18.9	32.6	57.2	64.2	--	
Seeds 2000	2051 RR2Y	0.5	.	9	34.6	1.8	3226	19.3	31.2	57.0	59.6	--	
NuTech	NT-6118	1.1	.	11	35.3	2.0	3677	18.7	32.1	57.2	53.0	--	
MEAN			115.1	9.2	32.8	1.7	3181	19.3	32.1	56.9	61.1	--	
C.V. (%)			0.7	13.9	6.5	35	2.6	1.1	0.9	0.4	4.9	--	
LSD 0.05			1.2	1.8	2.9	0.8	115	0.3	0.4	0.3	4.2	--	

Planting Date = May 19 ; Harvest Date = October 4 ; Previous Crop = Spring Wheat

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Brand	Variety	Mat. Group ¹	Days to PM ²	Pod Ht cm	Plant Ht inch	Plant Lodge 0 to 9	Seeds/ pound	Seed Oil %	Protein %	Test Weight lb/bu	--- Seed Yield ---		
											2011	3-yr. Avg.	
											-----	bu/ac	-----
NuTech-G2	G2-6070	0.7	.	10	32.5	1.5	3255	19.4	32.3	56.9	61.2	--	
NuTech-G2	G2-6088	0.8	.	9	28.8	1.3	3901	18.5	33.1	56.5	58.3	57.2	
NuTech-G2	G2-6098	0.9	.	11	34.1	1.3	3113	19.6	30.8	56.9	65.9	60.1	
NuTech-G2	G2-6092	0.9	.	10	32.7	1.5	3643	19.2	32.5	57.9	58.8	--	
Wensman	W 3030R2	0.3	113.0	8	34.3	2.3	2312	19.6	32.2	57.5	57.2	--	
Wensman	W 3058R2	0.5	.	10	33.8	1.5	3262	19.0	32.5	56.9	66.4	--	
Wensman	W 3076R2	0.7	.	10	34.1	1.3	3210	19.0	32.4	56.5	58.8	--	
Wensman	W 3096R2	0.9	.	11	34.4	1.3	3422	18.8	33.0	57.0	58.7	--	
Wensman	W 3099R2	0.9	.	10	32.7	1.5	3575	18.6	33.1	56.5	55.9	--	
AgVenture	05C5	0.5		9	31.0	1.3	2791	19.3	31.8	56.3	62.4	--	
PFS	11R02	0.2	112.8	9	33.3	3.3	2437	20.2	31.0	57.3	58.6	--	
NuTech-G2	G2-6030	0.3	120.0	8	31.9	1.0	2668	19.2	31.7	56.9	63.7	--	
NuTech-G2	G2-6050	0.5	116.5	8	30.4	2.0	3328	19.8	30.9	57.1	65.1	--	
NuTech-G2	G2-6090	0.9	.	9	34.7	1.5	2803	19.2	33.2	56.4	57.6	--	
NorthStar Genetics	NS0626R2	0.6	.	8	32.5	1.5	3278	19.0	31.7	57.2	60.8	--	
NorthStar Genetics	NS0717R2	0.7	.	9	35.0	1.8	3806	18.7	31.9	57.5	54.9	--	
NorthStar Genetics	NS0853RR	0.8	.	10	28.5	1.5	3844	18.5	33.1	56.3	58.2	--	
NorthStar Genetics	NS1257R2	1.2	.	12	35.2	1.5	3406	17.9	33.9	56.8	54.3	--	
MEAN			115.1	9.2	32.8	1.7	3181	19.3	32.1	56.9	61.1	--	
C.V. (%)			0.7	13.9	6.5	35	2.6	1.1	0.9	0.4	4.9	--	
LSD 0.05			1.2	1.8	2.9	0.8	115	0.3	0.4	0.3	4.2	--	

Planting Date = May 19 ; Harvest Date = October 4 ; Previous Crop = Spring Wheat

¹ Maturity group based on data provided by seed company.

² Days to PM: average of 115 = September 11. The soybean varieties with PM (days to physiological maturity) noted had reached PM on at least 2 replicates at the time of the occurrence of 2 consecutive days of freezing temperatures.

* This trial was impacted by a hail storm on July 24, damage was uniform and subsequent yield loss was determined minimal.