

**NDSU Carrington Research Extension Center  
2011 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 --	
											2011 -----	3-yr. Avg. -----
Kruger	K2-0091	00.9	116.8	9	29.3	1.3	2555	19.4	32.1	57.1	56.2	--
Kruger	K2-0101	0.1	117.0	10	30.0	1.3	2371	19.3	33.0	57.3	60.1	--
Kruger	K2-0401	0.4	.	9	28.3	1.3	3042	18.8	34.0	56.6	59.9	--
Kruger	KX0721	0.4	.	9	28.3	1.8	3576	18.2	34.1	56.4	59.5	--
Kruger	K2-0502	0.5	.	10	32.7	1.8	3678	18.7	33.0	55.4	48.5	--
Kruger	K-072+	0.5	.	10	29.1	1.0	3691	18.4	33.6	56.4	59.2	--
Kruger	K2-0601	0.6	.	10	31.8	1.5	3185	19.0	32.5	56.5	63.2	--
Kruger	K2-0701	0.7	.	10	30.3	1.5	3108	18.7	33.0	56.5	54.3	--
Kruger	K2-0801	0.8	.	10	32.5	1.5	3241	18.7	32.8	56.8	60.3	--
Kruger	K2-1001	1.0	.	11	35.4	1.8	3549	18.0	33.8	56.5	59.0	--
Mustang	01212	0.1	120.8	6	24.6	0.5	2927	19.7	33.0	56.3	56.6	--
Mustang	04401	0.4	119.6	8	29.8	1.3	2694	19.0	33.0	56.9	63.2	--
Pioneer	90Y20	0.2	119.0	9	32.2	1.3	3094	19.6	33.0	56.9	61.6	--
Pioneer	90Y42	0.4	121.3	8	30.6	1.0	3035	20.0	32.1	56.0	59.0	51.2
Pioneer	90Y50	0.5	.	9	34.1	1.3	3184	19.5	32.7	56.5	65.2	55.1
Pioneer	90Y70	0.7	.	8	30.1	1.5	2935	19.9	32.4	56.4	58.2	--
Pioneer	90Y21	0.2	118.8	8	25.8	1.0	2652	20.4	33.3	56.7	60.1	--
Dyna-Gro Seed	35RY01	0.1	115.8	7	29.8	1.5	2913	20.1	32.0	57.0	61.1	--
Dyna-Gro Seed	34RY03	0.3	117.6	9	30.5	1.3	2484	19.2	33.0	57.3	63.8	--
Dyna-Gro Seed	37RY06	0.6	.	10	31.5	1.5	3186	18.6	33.4	56.4	61.5	--
Dyna-Gro Seed	31RY08	0.8	.	10	32.2	1.8	3142	18.9	33.2	55.9	62.7	--
Asgrow	AG0430	0.4	120.0	6	25.4	0.8	3087	19.1	32.6	56.9	62.7	--
Asgrow	AG0532	0.5	120.7	7	30.4	0.8	3104	19.0	32.1	56.8	60.8	--
Asgrow	AG0732	0.7	.	8	28.8	1.0	3057	19.2	33.0	56.4	60.4	--
Dairyland	DSR-0603/R2Y	0.6	.	11	35.4	1.8	3898	18.1	34.0	57.2	59.4	--
Dairyland	DSR-0747/R2Y	0.7	.	9	28.7	1.3	3381	18.5	33.5	57.0	60.3	--
Hyland	HS 04RY03	0.4	119.0	9	28.5	1.0	2646	18.7	33.3	56.9	58.4	--
AgVenture	009K9	00.9	116.7	7	26.8	1.5	3095	20.1	33.0	56.7	62.2	--
AgVenture	03K3	0.3	118.7	7	26.5	1.3	2431	19.8	34.4	54.6	61.8	--
Thunder Seed	3205R2Y	0.5	.	9	29.1	1.5	3158	18.9	32.3	56.3	62.3	--
Thunder Seed	3106R2Y	0.6	.	8	32.5	1.8	3607	18.8	32.8	55.4	47.3	--
Thunder Seed	3103R2Y	0.3	119.2	7	27.2	0.5	2646	19.0	33.1	56.5	54.7	--
Thunder Seed	3202 R2Y	0.2	.	9	29.6	1.8	3671	18.3	34.0	56.5	56.5	--
Renk	RS052R2	0.5	.	8	27.4	1.3	3078	18.7	34.1	56.6	55.3	--
Renk	RS050RR	0.5	.	9	29.6	1.0	3277	19.9	32.3	56.0	59.4	--
Mycogen Seeds	5B024R2	0.2	117.3	8	31.5	1.0	2456	19.2	33.0	57.4	61.0	--
Legend	06R21	0.6	.	10	32.6	1.3	3149	19.2	32.3	56.4	63.6	--
Legend	08R21N	0.8	.	9	31.5	1.5	3291	18.3	34.2	56.7	57.4	--
Legend	03R21	0.3	119.3	8	28.0	1.0	2723	19.1	32.6	56.8	55.9	--
MEAN			118.4	8.7	30.6	1.3	3106	19.0	32.9	56.6	59.1	--
C.V. (%)			1.3	16.2	9.0	38.7	3.7	1.6	1.5	0.8	6.5	--
LSD 0.05			2.2	2.0	3.8	0.7	160	0.4	0.7	0.7	5.3	--

**Planting Date = May 19 ; Harvest Date = October 3 ; Previous Crop = Flax**

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**Soybean - Dryland, Roundup Ready Varieties**

**Carrington (Page 2 of 3)**

												-- Seed Yield --	
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	2011 -----	3-yr. Avg. bu/ac -----	
REA	63G31	0.3	120.0	8	30.1	1.8	3152	19.6	31.3	57.2	64.3	--	
REA	65G22	0.5	.	10	32.4	1.5	3060	19.1	32.4	56.1	63.9	--	
REA	66G22	0.6	.	10	30.9	1.5	3295	18.3	33.2	56.2	63.9	--	
REA	65G51	0.6	.	8	33.0	1.5	3725	18.5	33.1	55.6	46.4	--	
REA	6764RR	0.6	.	9	29.0	2.0	3361	19.0	32.7	57.0	60.1	--	
REA	67G61	0.7	.	9	32.9	1.3	3273	18.5	32.9	56.8	60.2	--	
Gold Country Seed	0140	0.1	116.5	8	28.9	1.5	2732	19.5	32.1	57.0	59.1	--	
Gold Country Seed	0241	0.2	116.3	8	34.3	1.3	2367	19.4	33.0	57.4	60.2	--	
Gold Country Seed	0641	0.6	.	10	33.4	1.8	3191	19.2	32.0	56.3	60.8	--	
NK	S02-B4 Brand	0.2	114.5	8	33.7	2.0	2969	19.9	32.0	56.9	60.9	--	
NK	S06-W2 Brand	0.6	.	9	32.1	1.0	3297	18.6	33.0	56.6	55.7	52.9	
NK	S08-A2 Brand	0.8	.	9	31.2	0.8	3272	19.2	32.0	57.5	58.4	--	
Prairie Brand	PB-0240R2	0.2	116.5	9	33.0	1.3	2384	19.2	32.7	57.4	55.4	--	
Prairie Brand	PB-0650R2	0.6	.	10	35.8	1.8	3545	18.8	32.8	55.9	53.3	--	
Prairie Brand	PB-0510R2	0.6	.	9	31.5	1.5	3247	18.3	33.6	56.6	61.4	--	
Prairie Brand	PB-0880R2	0.8	.	10	31.7	2.3	3596	18.2	33.6	57.1	60.1	--	
Prairie Brand	PB-0920R2	0.9	.	11	31.1	1.3	3503	18.2	33.8	56.7	55.2	--	
Prairie Brand	PB-0912X	0.9	.	9	28.4	1.5	3376	18.6	33.7	56.5	57.6	--	
Prairie Brand	PB-0913X	0.9	.	9	29.3	1.3	3061	18.8	32.5	56.3	59.3	--	
Prairie Brand	PB-1080R2	1.0	.	12	38.3	1.8	3319	18.8	32.8	56.7	55.9	--	
Prairie Brand	PB-0612X	0.5	.	10	30.9	1.0	3061	19.1	32.4	56.3	59.9	--	
PFS	12R06	0.6	.	9	29.8	1.3	3287	18.6	33.2	56.6	59.3	--	
PFS	12R05	0.5	.	10	31.4	1.5	3174	19.1	32.1	56.5	58.0	--	
PFS	1002	0.2	118.5	7	24.5	1.0	2211	20.1	32.0	55.8	59.0	55.5	
Seeds 2000	2051 RR2Y	0.5	.	10	33.1	1.3	3221	19.0	32.2	56.1	59.6	--	
NuTech	0686RR	0.6	.	9	30.2	1.3	2956	19.2	32.8	56.7	60.0	--	
NuTech	NT-6118	1.1	.	10	33.1	1.0	3257	18.5	33.1	56.0	55.0	--	
NuTech-G2	G2-6025	0.2	119.4	8	26.8	0.3	2489	19.6	33.9	56.3	61.9	--	
NuTech-G2	G2-6052	0.5	120.5	9	32.2	1.3	2877	20.1	32.4	57.2	62.8	--	
NuTech-G2	G2-6070	0.7	.	9	33.5	1.8	3179	19.4	32.9	56.3	59.4	--	
NuTech-G2	G2-6088	0.8	.	10	28.4	1.5	3717	18.4	33.5	56.3	59.9	53.4	
NuTech-G2	G2-6098	0.9	.	11	34.6	1.5	3160	18.7	31.7	56.5	64.1	52.5	
NuTech-G2	G2-6092	0.9	.	10	36.0	1.5	3469	18.6	34.0	57.9	59.1	--	
Proseed	P2 11-10	0.1	117.0	6	27.0	1.0	2914	19.9	32.4	56.2	52.0	--	
Proseed	P2 10-20	0.2	115.3	8	28.7	1.0	2486	19.8	31.8	56.8	54.7	--	
Proseed	P2 11-30	0.3	118.8	7	27.8	0.8	2647	19.2	32.9	56.5	59.8	--	
Proseed	P2 11-50	0.5	.	10	30.4	1.8	3199	18.9	32.3	56.3	59.2	--	
Proseed	P2 11-60	0.6	121.3	10	32.7	1.5	3369	19.1	32.4	57.0	58.4	--	
Integra Fortified See	78070 R	0.7	.	8	28.4	1.8	3688	18.3	33.6	56.3	58.6	--	
MEAN			118.4	8.7	30.6	1.3	3106	19.0	32.9	56.6	59.1	--	
C.V. (%)			1.3	16.2	9.0	38.7	3.7	1.6	1.5	0.8	6.5	--	
LSD 0.05			2.2	2.0	3.8	0.7	160	0.4	0.7	0.7	5.3	--	

**Planting Date = May 19 ; Harvest Date = October 3 ; Previous Crop = Flax**

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**Carrington (Page 3 of 3)**

												-- Seed Yield --	
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	2011	3-yr. Avg. bu/ac	
Integra Fortified Seed	20820 R2Y	0.8	.	8	29.5	1.0	3180	18.9	33.2	56.3	57.7	--	
Integra Fortified Seed	20530 R2Y	0.5	.	9	28.9	1.3	3080	18.8	33.7	56.5	58.6	--	
Integra Fortified Seed	20600 R2Y	0.6	.	10	34.7	1.5	3179	19.1	32.1	56.2	61.4	--	
Integra Fortified Seed	20400 R2Y	0.4	119.8	9	29.6	1.0	2692	19.3	32.7	57.0	62.0	--	
Integra Fortified Seed	79020 R	0.2	120.5	9	30.6	1.3	3323	18.8	33.4	57.8	61.1	51.7	
Wolf River Valley Seed	21008 RR/STS	0.08	117.5	9	29.5	1.0	3219	19.6	33.1	56.6	61.7	--	
Wolf River Valley Seed	2103 RR/STS	0.3	121.0	10	32.3	1.5	3415	18.9	33.5	57.8	61.1	--	
Stine Seed	01RA06	0.2	119.0	8	27.8	0.5	2738	19.1	32.9	56.8	54.7	--	
Wensman	W 3030R2	0.3	117.5	8	30.8	1.0	2405	19.5	32.5	57.5	61.0	--	
Wensman	W 3058R2	0.5	.	9	30.4	1.5	3182	18.8	33.0	56.6	63.9	--	
Wensman	W 3076R2	0.7	.	8	28.3	1.3	3211	18.9	32.8	56.2	59.7	--	
Wensman	W 3096R2	0.9	.	10	31.3	1.0	3463	18.4	33.6	57.0	58.5	--	
Wensman	W 3099R2	0.9	.	10	31.5	1.5	3501	18.1	34.0	56.6	53.7	--	
MEAN			118.4	8.7	30.6	1.3	3106	19.0	32.9	56.6	59.1	--	
C.V. (%)			1.3	16.2	9.0	38.7	3.7	1.6	1.5	0.8	6.5	--	
LSD 0.05			2.2	2.0	3.8	0.7	160	0.4	0.7	0.7	5.3	--	

**Planting Date = May 19 ; Harvest Date = October 3 ; Previous Crop = Flax**

<sup>1</sup> Maturity group based on data provided by seed company. Days to PM: average of 118 = September 14.

<sup>2</sup> 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.