

**NDSU Carrington Research Extension Center
2012 Variety Trial Data**

Soybean - Dryland, Roundup Ready Varieties

Carrington (Page 1 of 3)

Brand	Variety	Mat. Group ¹	Days to PM	Pod Ht cm	Plant Ht inch	Plant Lodge 0 to 9	Seeds/pound	Seed Oil %	Seed Protein %	Test Weight lb/bu	-- Seed Yield --	
											2012 ----- bu/ac	3-yr. Avg. -----
Asgrow	AG0430	0.4	116.3	12	27.2	0.0	3009	19.1	33.4	56.5	49.0	53.9
Asgrow	AG0532	0.5	117.0	8	28.1	0.0	2722	18.5	33.6	56.9	50.5	--
Dairyland	DSR-C905/R2Y	00.9	108.3	8	26.4	0.0	3345	19.6	32.7	57.0	47.0	--
Dairyland	DSR-0200/R2Y	0.2	110.7	10	31.8	0.0	2383	18.5	33.8	57.6	50.3	--
Dairyland	DSR-0404/R2Y	0.4	117.5	11	29.1	0.0	3097	19.2	33.0	56.1	54.8	--
Dairyland	DSR-0606-R2Y	0.6	120.7	8	26.2	0.7	3148	19.3	34.0	56.8	44.5	--
Dairyland	DSR-0747/R2Y	0.7	121.5	13	28.5	0.0	3024	18.9	34.0	57.1	50.7	54.3
Dyna-Gro Seed	34RY03	0.3	110.8	10	34.2	0.0	2431	18.7	33.8	57.1	53.9	--
Dyna-Gro Seed	S0RY13	0.4	115.5	12	27.4	0.0	2741	19.3	33.5	56.6	45.4	--
Dyna-Gro Seed	37RY06	0.6	117.5	10	26.4	0.0	3048	19.3	33.7	56.1	49.8	--
Dyna-Gro Seed	S08RY23	0.8	120.3	11	28.1	0.0	2896	19.7	33.6	56.2	52.3	--
G2 Genetics	6025	0.2	111.3	9	28.3	0.0	2804	19.5	33.6	56.4	47.4	--
G2 Genetics	6043	0.4	117.8	11	27.6	0.3	2592	19.2	34.1	56.0	48.3	--
G2 Genetics	0525	0.5	116.0	8	35.8	0.0	3632	19.2	33.3	56.3	45.9	--
G2 Genetics	6052	0.5	117.8	11	34.6	0.0	2925	19.5	34.1	57.1	49.7	--
G2 Genetics	7063	0.6	116.0	11	24.9	0.0	3104	20.5	32.0	55.8	47.3	--
G2 Genetics	6070	0.7	118.3	10	27.6	0.0	2916	19.4	33.3	56.6	44.7	51.2
G2 Genetics	6088	0.8	121.5	12	25.9	0.5	3208	19.5	32.9	56.4	51.7	53.8
G2 Genetics	6092	0.9	118.3	14	30.5	0.0	3024	19.4	32.6	57.5	45.4	--
G2 Genetics	6098	0.9	118.7	13	27.6	0.0	2863	20.0	32.1	56.4	55.2	54.4
Hefty Seed Co	H004Y12	00.4	119.0	10	29.7	0.3	2766	19.3	33.6	56.1	51.9	--
Hefty Seed Co	H00Y12	0.0	115.3	7	21.7	0.0	2827	19.7	33.2	56.2	38.3	--
Hefty Seed Co	H02Y12	0.2	111.3	11	34.3	0.0	2652	19.0	34.9	57.1	51.3	--
Hefty Seed Co	H04Y11	0.4	114.0	9	27.2	0.0	2631	18.4	34.0	56.9	42.8	--
Hefty Seed Co	H04Y12	0.4	107.7	8	29.1	0.0	3018	20.3	32.3	56.5	43.9	--
Hefty Seed Co	H06Y11	0.6	118.3	11	37.7	0.3	3461	19.7	32.4	57.0	54.9	--
Hefty Seed Co	H07Y12	0.7	121.3	11	29.5	0.3	2831	19.8	33.0	56.3	55.4	--
Hyland Seeds	HS 01RY02	0.1	111.8	9	31.3	0.0	2495	18.7	33.2	57.3	53.0	--
Hyland Seeds	HS 04RY03	0.4	113.0	11	27.0	0.0	2652	17.9	34.8	57.2	48.0	53.5
Integra	20109 R2Y	0.1	116.0	11	22.3	0.0	2581	18.5	34.7	57.2	48.3	--
Integra	20300 R2Y	0.3	119.3	10	26.0	0.0	3018	19.4	32.9	56.3	59.8	--
Integra	20600 R2Y	0.6	118.3	11	29.4	0.0	2868	18.9	32.9	56.7	49.7	--
Integra	20820 R2Y	0.8	120.3	11	25.2	0.3	2861	19.5	33.6	56.0	50.0	--
Kruger	K2-0092	00.9	118.0	13	31.7	0.0	2932	19.5	33.6	56.1	59.5	--
Kruger	K2-0101	0.1	111.3	10	34.9	0.0	2422	18.7	34.4	57.4	49.3	--
Kruger	K2-0402	0.4	117.0	10	29.5	0.0	2711	19.4	33.4	56.2	48.6	--
Kruger	K2-0503	0.5	118.3	11	26.8	0.0	3016	19.3	33.2	55.8	50.3	--
MEAN			117.3	10.7	28.7	0.1	2882	19.3	33.3	56.5	51.1	--
C.V. (%)			1.3	18.3	13.0	297	3.9	2.0	2.0	0.7	10.0	--
LSD 0.05			2.1	2.7	5.2	0.3	154	0.5	0.9	0.5	7.1	--

Planting Date = May 14 ; Harvest Date = September 24 ; Previous Crop = Field Pea

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Brand	Variety	Mat. Group ¹	Days to PM	Pod Ht cm	Plant Ht inch	Plant Lodge 0 to 9	Seeds/ pound	Seed Oil %	Seed Protein %	Test Weight lb/bu	-- Seed Yield --	
											2012 ----- bu/ac	3-yr. Avg. -----
Kruger	K2-0504	0.5	119.8	9	23.6	0.5	2892	19.6	33.2	56.1	49.0	--
Kruger	K2-0601	0.6	118.0	11	31.7	0.0	2821	18.9	33.7	56.5	55.1	--
Kruger	K2-0701	0.7	122.8	11	33.4	0.5	2702	19.8	32.2	56.5	48.8	--
Kruger	K2-0801	0.8	120.0	9	28.3	0.0	2918	19.5	33.3	56.8	56.8	54.7
Kruger	K2-0901	0.9	120.8	13	27.4	0.0	2827	19.8	33.2	56.3	54.9	--
Kruger	K2-1001	1.0	120.3	14	32.3	0.8	2910	19.1	33.7	56.6	58.4	55.4
Legend	LS 03R22	0.3	117.5	14	30.3	0.0	3084	19.0	33.6	56.2	55.9	--
Legend	LS 04R22	0.4	120.8	9	28.1	0.3	2775	19.0	33.4	56.0	60.9	--
Legend	LS 05R22N	0.5	117.3	13	30.5	0.3	2689	19.3	33.7	56.5	47.7	--
Legend	0.6 Advantage Sta	0.6	119.0	12	32.4	0.3	2885	19.1	33.0	56.3	56.3	--
Legend	LS 06R21	0.6	119.0	12	34.3	0.0	2866	18.7	33.1	56.5	59.4	--
Mustang Seeds	04403	0.4	118.5	12	29.7	0.0	3000	19.3	32.9	56.2	53.1	--
Mustang Seeds	06942	0.6	119.3	12	32.3	0.3	2865	19.1	32.6	56.2	60.6	--
Mustang Seeds	08733	0.8	119.5	10	27.1	0.0	2874	19.2	33.4	56.2	48.3	--
Mycogen Seeds	5B024R2	0.2	111.5	10	32.5	0.0	2455	18.5	34.1	57.4	50.2	--
Mycogen Seeds	5B065R2	0.6	117.5	11	25.6	0.0	3035	19.1	33.7	56.0	52.5	--
Mycogen Seeds	5B080R2	0.8	115.7	11	28.9	0.0	3190	18.9	33.6	56.9	47.9	--
Northstar Genetics	NS0187R2	0.2	113.3	8	24.4	0.0	2781	19.6	33.7	56.6	45.5	--
Northstar Genetics	NS0318R2	0.3	118.5	13	28.1	0.0	3078	19.1	32.9	56.2	52.7	--
PFS	12R03	0.3	115.5	12	26.5	0.3	3029	19.4	33.7	56.7	56.6	--
PFS	12R05	0.5	118.8	11	29.9	0.0	2902	18.8	33.1	56.4	59.3	--
PFS	12R06	0.6	118.8	10	23.7	0.0	2998	19.4	33.7	55.5	49.0	--
Pioneer	90Y21	0.2	108.0	9	26.5	0.0	2715	19.9	33.5	57.2	45.1	--
Pioneer	90Y41	0.4	116.5	8	23.8	0.0	2643	20.9	31.9	55.7	42.3	--
Pioneer	90Y50	0.5	118.3	12	31.7	0.0	2866	19.8	32.7	57.0	48.2	53.6
Pioneer	90Y70	0.7	120.0	11	25.2	0.0	2679	20.7	32.0	56.7	52.7	52.4
Prairie Brand	PB-0240R2	0.2	111.0	10	36.1	0.0	2496	18.8	33.9	57.4	48.7	--
Prairie Brand	PB-0441R2	0.3	117.5	12	27.8	0.0	3116	19.5	33.0	56.0	52.1	--
Prairie Brand	PB-0510R2	0.5	117.8	10	28.5	0.0	3091	19.1	33.7	55.9	51.5	--
Prairie Brand	PB-0863R2	0.8	119.8	12	27.0	0.0	2945	19.7	33.1	56.2	49.9	--
Prairie Brand	PB-1061R2	1.0	122.0	15	33.5	0.8	2728	19.0	34.9	56.6	50.7	--
Prairie Brand	PB-1120R2	1.1	125.5	12	32.3	0.3	2531	18.8	33.9	55.5	43.3	--
Proseed	P2 10-08	0.8	118.0	12	27.4	0.0	3119	19.1	33.4	57.0	50.5	--
Proseed	P2 20-00	0.0	118.0	13	26.6	0.0	2856	19.7	33.3	56.5	49.1	--
Proseed	P2 11-10	0.1	115.5	7	21.7	0.3	2860	20.2	32.6	56.1	45.5	--
Proseed	P2 10-20	0.2	112.0	9	30.9	0.0	2588	18.6	33.4	57.5	48.1	53.9
Proseed	P2 20-30	0.3	118.3	13	21.4	0.0	2965	19.3	32.8	56.3	50.4	--
MEAN			117.3	10.7	28.7	0.1	2882	19.3	33.3	56.5	51.1	--
C.V. (%)			1.3	18.3	13.0	297	3.9	2.0	2.0	0.7	10.0	--
LSD 0.05			2.1	2.7	5.2	0.3	154	0.5	0.9	0.5	7.1	--

Planting Date = May 14 ; Harvest Date = September 24 ; Previous Crop = Field Pea

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Brand	Variety	Mat. Group ¹	Days to PM	Pod Ht cm	Plant Ht inch	Plant Lodge 0 to 9	Seeds/ pound	Seed Oil %	Seed Protein %	Test Weight lb/bu	-- Seed Yield --		
											2012	3-yr. Avg.	
											-----	bu/ac	-----
Proseed	P2 11-50	0.5	118.3	14	30.4	0.3	2921	19.0	32.6	56.5	59.7	--	
REA	64G14	0.4	116.5	10	28.3	0.0	2672	19.4	33.9	56.4	48.1	--	
REA	65G22	0.5	117.3	13	30.4	0.0	2874	18.9	33.3	56.4	55.7	--	
REA	66G22	0.6	118.3	10	26.2	0.0	2990	19.4	33.5	55.8	54.2	--	
REA	67G61	0.7	119.8	12	27.6	0.0	2967	19.5	33.5	56.5	52.5	53.5	
RENK	RS033R2	0.3	119.0	11	29.7	0.0	3122	19.2	32.8	56.2	56.4	--	
RENK	RS050RR	0.5	117.8	12	32.3	0.0	3224	19.9	32.9	56.4	49.8	51.9	
RENK	RS053R2	0.5	121.3	9	27.1	0.5	2760	20.2	31.8	56.3	59.5	--	
RENK	RS082R2	0.8	119.8	11	29.1	0.3	2935	19.7	33.2	56.8	51.2	--	
Seeds 2000	2051 RR2Y	0.5	118.7	13	27.0	0.0	2879	18.7	33.6	56.3	51.3	--	
Stine	02RD00	0.2	118.0	11	26.5	0.0	2572	18.6	34.6	56.9	50.0	--	
Stine	03RD66	0.3	118.0	11	29.1	0.0	3077	19.0	33.7	56.3	52.6	--	
Thunder	31009R2Y	00.9	115.0	10	34.3	0.0	2585	19.5	32.3	57.4	59.6	--	
Thunder	33009R2YN	00.9	108.3	9	25.7	0.0	3309	19.5	32.9	57.3	44.6	--	
Thunder	3201R2Y	0.1	114.7	7	21.9	0.0	2824	19.6	34.0	55.9	43.8	--	
Thunder	3202R2Y	0.2	119.3	12	26.5	0.0	3088	19.6	33.3	56.0	50.0	--	
Thunder	3303R2Y	0.3	119.0	13	28.3	0.0	3212	18.8	33.8	56.1	56.5	--	
Thunder	3205R2Y	0.5	119.5	12	28.3	0.0	2812	18.5	32.7	56.6	57.0	--	
Wensman	W 3030R2	0.3	111.3	12	32.1	0.0	2463	18.7	33.9	57.6	48.2	--	
Wensman	W 3032R2	0.3	118.5	12	27.4	0.0	3053	19.2	33.0	56.3	53.2	--	
Wensman	W 3050NR2	0.5	116.7	12	32.5	0.0	2764	19.3	33.7	56.4	46.5	--	
Wensman	W 3058R2	0.5	117.8	11	24.1	0.0	2976	19.3	33.9	55.9	52.8	--	
Wensman	W 3090NR2	0.7	119.3	10	27.0	0.0	2894	19.5	33.3	56.5	52.3	--	
Wensman	W 3076R2	0.7	120.8	13	26.8	0.3	2767	19.8	33.0	55.9	55.7	--	
MEAN			117.3	10.7	28.7	0.1	2882	19.3	33.3	56.5	51.1	--	
C.V. (%)			1.3	18.3	13.0	297	3.9	2.0	2.0	0.7	10.0	--	
LSD 0.05			2.1	2.7	5.2	0.3	154	0.5	0.9	0.5	7.1	--	

Planting Date = May 14 ; Harvest Date = September 24 ; Previous Crop = Field Pea

¹ Maturity group based on data provided by seed company.

Days to PM: average of 117 = September 8.