

**Spring 2010 Rio Farms, Inc. Soybean Variety Study**

<b><u>Variety</u></b>	<b><u>Yield (bushels/acre)</u></b>	<b><u>BW</u></b>	<b><u>Harvest Date</u></b>
HBK C 5025	55.4 a	51	8/11/2010
HBK C 4926	51.1 ab	51	8/11/2010
NK S49-A5 RR	47.5 bc	51	8/11/2010
AG 4907 RR	44.9 bcd	51	8/11/2010
TV 46 R 19	44.4 bcd	50	8/11/2010
Progeny 4807 RR	40.9 cde	51	8/11/2010
TV 49 R 17	40.2 def	52	8/11/2010
Progeny 4906 RR	40.1 def	52	8/11/2010
TV 55 R 15	39.6 def	52	8/11/2010
HBK 5425 RR	39.3 def	53	8/16/2010
HBK 494 LL	38.4 def	52	8/11/2010
RC 5419 RR	37.1 efg	52	8/16/2010
HBK C 5941	36.9 efg	52	8/12/2010
DP 4888 RR	36.8 efg	52	8/12/2010
NK S 49-H7 RR	36.0 efg	53	8/12/2010
HBK 7200 RR	35.5 efg	50	8/30/2010
RC 4998 RR	33.3 fgh	53	8/16/2010
Progeny 4949 RR	33.2 fgh	51	8/11/2010
Otono	31.3 ghi	53	8/12/2010
NK S 51-T8 RR	30.8 ghi	51	8/16/2010
DP 5335 RR	30.5 ghi	52	8/12/2010
Vernal	30.3 ghi	51	8/16/2010
TV 54 R 28	27.3 hij	51	8/11/2010
Rio Farms 8325	26.7 hijk	51	8/30/2010
HBK 565 LL	25.7 ijkl	50	8/16/2010
RC 5007 RR	22.5 jklm	51	8/11/2010
NK S 54-V4 RR	20.1 klm	52	8/11/2010
Rio Farms 8315	19.1 lm	44	9/3/2010
Progeny 5218 RR	18.0 m	51	8/16/2010
NK S 68-D4 RR	7.7 n	47	8/16/2010

<sup>1</sup> Yields are standardized to 13% moisture. Yields followed by the same letter are not significantly different using LSD 0.05. CV=14.72

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<b><u>Variety</u></b>	<b><u>Protein<sup>1</sup> (percent)</u></b>	<b><u>Oil<sup>1</sup> (percent)</u></b>
HBK C 5025	33.9	21.0
HBK C 4926	35.8	21.0
NK S49-A5 RR	34.7	21.3
AG 4907 RR	36.2	19.6
TV 46 R 19	36.0	20.5
Progeny 4807 RR	36.1	19.8
TV 49 R 17	37.1	19.2
Progeny 4906 RR	36.6	20.0
TV 55 R 15	37.8	18.2
HBK 5425 RR	36.7	19.3
HBK 494 LL	37.1	19.0
RC 5419 RR	37.6	18.4
HBK C 5941	34.8	20.6
DP 4888 RR	36.3	20.0
NK S 49-H7 RR	37.0	19.5
HBK 7200 RR	35.4	19.6
RC 4998 RR	36.6	19.7
Progeny 4949 RR	37.5	19.9
Otono	37.4	18.8
NK S 51-T8 RR	37.1	20.0
DP 5335 RR	36.2	19.4
Vernal	36.1	18.7
TV 54 R 28	38.7	18.6
Rio Farms 8325	38.4	18.0
HBK 565 LL	35.8	18.5
RC 5007 RR	37.0	18.8
NK S 54-V4 RR	40.7	17.5
Rio Farms 8315	38.3	17.6
Progeny 5218 RR	38.4	19.1
NK S 68-D4 RR	36.9	18.8

<sup>1</sup> Protein and oil are based on a 13% moisture basis.

Spring 2010 Rio Farms, Inc. Soybean Variety Test

<u>Variety</u>	<u>Plant Height</u> <u>(inches)</u>	<u>Pod Attachment</u> <u>(inches)</u>	<u>Pod Height</u> <u>(inches)</u>
HBK C 5025	30	2.60	1.25
HBK C 4926	28	2.75	1.25
NK S 49-A5 RR	24	3.08	1.56
AG 4907 RR	28	2.78	1.69
TV 46 R 19	25	2.45	1.00
Progeny 4807 RR	22	2.16	0.76
TV 49 R 17	27	1.99	0.88
Progeny 4906 RR	23	2.29	0.94
TV 55 R 15	13	2.06	0.68
HBK 5425 RR	28	2.78	1.25
HBK 494 LL	25	2.85	1.53
RC 5419 RR	14	2.05	0.70
HBK C 5941	39	3.79	2.50
DP 4888 RR	26	2.74	1.29
NK S 49-H7 RR	26	2.08	0.74
HBK 7200 RR	40	4.03	2.93
RC 4998 RR	22	2.04	0.64
Progeny 4949 RR	27	2.41	1.25
Otono	40	3.88	2.56
NK S 51-T8 RR	25	2.40	0.96
DP 5335 RR	23	2.53	1.17
Vernal	34	4.54	2.83
TV 54 R 28	17	2.33	1.15
Rio Farms 8325	33	2.96	1.74
HBK 565 LL	18	2.16	0.70
RC 5007 RR	18	2.13	0.88
NK S 54-V4 RR	14	2.06	0.86
Rio Farms 8315	46	4.89	3.65
Progeny 5218 RR	12	2.17	0.72
NK S 68-D4 RR	11	1.75	0.60