

2006 REGIONAL SOYBEAN TEST - Local Anova  
 LIST OF CHECK MATURITY DATES FOR EACH TEST

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08:54 Friday, February 16, 2007

LOCATION	TTYPE	VARIETY	REP	CKDATE
BIXBY,OK	PVI	DILLON	.	.
		DILLON	1	.
		DILLON	2	.
CLEMSON,SC	PVI	DILLON	.	10/28
		DILLON	1	10/28
		DILLON	2	10/29
PETERSBURG,VA	PVI	DILLON	.	10/14
		DILLON	1	10/20
		DILLON	2	10/08
PINE TREE,AR	PVI	DILLON	.	10/08
		DILLON	1	10/08
		DILLON	2	10/08
PLYMOUTH,NC(A)	PVI	DILLON	.	10/17
		DILLON	1	10/18
		DILLON	2	10/16
ROHWER,AR	PVI	DILLON	.	10/02
		DILLON	1	10/03
		DILLON	2	10/01
TALLASSEE,AL(A)	PVI	DILLON	.	09/27
		DILLON	1	09/29
		DILLON	2	09/25

2006 REGIONAL SOYBEAN TEST - Local Anova

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LIST OF VARIETY MEANS 08:54 Friday, February 16, 2007

----- LOCATION=BIXBY,OK TTYPE=PVI -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	2	24.112	.	.	27	.	16.7	42.7	16.4
2	BOGGS RR	2	11.728	.	.	32	.	13.4	47.0	13.9
3	NC-ROY	2	28.720	.	.	30	.	13.5	45.6	14.6
4	Au03-248	2	16.256	.	.	39	.	13.7	43.8	14.6
5	Au03-317	2	12.768	.	.	31	.	13.8	43.3	14.9
6	Au03-4018RR	2	24.960	.	.	25	.	16.1	43.0	16.5
7	Au03-506	2	19.040	.	.	27	.	13.4	43.9	14.8
8	G03-1170 RR	2	16.960	.	.	28	.	16.7	44.4	15.4
9	G03-2018 RR	2	17.952	.	.	22	.	16.5	42.7	15.0
10	G03-2090 RR	2	29.136	.	.	25	.	14.2	42.9	17.2
11	G03-2394 RR	2	21.792	.	.	26	.	16.0	45.0	14.5
12	N01-11884	2	24.336	.	.	29	.	15.5	43.1	16.5
13	N02-7543	2	26.720	.	.	21	.	20.6	41.9	18.1
14	N02-7747	2	21.328	.	.	29	.	16.2	45.7	15.2
15	N02-8492	2	22.032	.	.	25	.	18.2	41.8	16.3

16	N02-8951	2	25.376	.	.	19	.	17.8	44.1	16.1
17	N03-11895	2	31.184	.	.	22	.	18.3	43.7	16.0
18	N04-9856	2	24.496	.	.	24	.	11.5	42.7	15.2
19	NCC02-21183	2	23.136	.	.	15	.	15.8	40.1	19.5
20	NCC02-24030RR	2	22.880	.	.	18	.	14.8	41.6	18.3
21	NCC03-149RR	2	30.016	.	.	22	.	18.0	41.3	18.2
22	R02-3065	2	35.376	.	.	23	.	19.6	42.0	18.2
23	R03-1011	2	32.960	.	.	19	.	19.1	42.3	17.6
24	R03-1134	2	31.488	.	.	20	.	19.5	42.5	17.6
25	R03-1232	2	27.120	.	.	23	.	19.3	43.3	17.8
26	R03-183	2	26.576	.	.	21	.	18.9	42.8	17.1
27	SC03-9084RR	2	21.328	.	.	28	.	15.9	42.3	14.9
28	SC03-9090RR	2	21.584	.	.	24	.	15.8	43.6	16.3
29	SC03-9151RR	2	25.456	.	.	26	.	19.2	42.8	18.6
30	SC03-9153RR	2	14.992	.	.	23	.	15.3	43.2	16.2
31	SC03-9438RR	2	22.048	.	.	29	.	13.6	43.3	15.4

2006 REGIONAL SOYBEAN TEST - Local Anova 3  
LIST OF VARIETY MEANS 08:54 Friday, February 16, 2007

----- LOCATION=CLEMSON,SC TTYPE=PVI -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	2	59.5875	0.0	2.25	34.5	.	15.3	39.9	19.7
2	BOGGS RR	2	55.1775	3.5	2.50	36.0	.	11.9	41.6	19.6
3	NC-ROY	2	62.5275	-3.5	3.00	36.5	.	14.2	41.9	18.5
4	Au03-248	2	46.1475	4.0	3.25	38.0	.	14.1	41.1	18.1
5	Au03-317	2	56.1750	1.0	3.25	38.5	.	14.5	41.6	18.0
6	Au03-4018RR	2	51.6075	3.0	3.00	36.5	.	13.2	42.4	18.5
7	Au03-506	2	51.9750	1.0	3.25	37.5	.	12.7	38.1	18.6
8	G03-1170 RR	2	51.9750	-1.0	2.25	32.5	.	16.8	40.5	19.1
9	G03-2018 RR	2	54.0225	1.5	1.75	29.0	.	15.3	42.5	16.8
10	G03-2090 RR	2	47.5125	3.5	2.50	39.0	.	13.0	43.1	17.6
11	G03-2394 RR	2	56.4900	4.5	2.50	39.0	.	12.5	42.2	18.6
12	N01-11884	2	55.8075	1.5	2.50	37.0	.	14.5	38.9	19.4
13	N02-7543	2	58.1700	-2.5	2.00	29.5	.	17.3	39.4	19.2
14	N02-7747	2	55.1250	-1.0	2.75	37.5	.	15.2	40.5	18.8
15	N02-8492	2	62.7900	2.5	1.50	31.5	.	14.7	38.5	17.8
16	N02-8951	2	57.6975	2.0	2.25	33.0	.	19.7	41.9	17.6
17	N03-11895	2	63.2100	-2.0	1.75	31.0	.	16.6	41.6	17.6
18	N04-9856	2	59.8500	3.0	1.75	34.0	.	11.6	40.5	18.9
19	NCC02-21183	2	48.5100	-2.0	1.00	19.5	.	15.2	37.9	19.6
20	NCC02-24030RR	2	51.0825	1.5	1.00	23.0	.	15.2	41.4	19.5
21	NCC03-149RR	2	59.0100	1.0	2.00	33.5	.	15.4	41.2	18.7
22	R02-3065	2	61.5825	-5.5	2.25	29.5	.	18.4	43.6	18.1
23	R03-1011	2	54.3900	-3.0	2.00	23.5	.	17.9	40.7	18.6
24	R03-1134	2	38.2200	-1.5	1.50	24.0	.	17.3	40.7	18.5
25	R03-1232	2	54.3375	1.0	1.00	27.5	.	17.0	40.9	18.6
26	R03-183	2	47.7225	-7.5	1.00	21.5	.	16.5	41.2	19.0
27	SC03-9084RR	2	52.9725	1.5	2.50	37.5	.	14.9	40.1	18.8
28	SC03-9090RR	2	52.2900	3.0	2.00	29.0	.	14.4	42.3	18.2
29	SC03-9151RR	2	56.4900	3.0	2.00	31.0	.	15.0	40.2	20.0
30	SC03-9153RR	2	43.1550	4.0	2.00	36.5	.	12.3	36.5	20.4
31	SC03-9438RR	2	48.7725	2.0	2.00	38.5	.	13.5	41.9	18.7

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----- LOCATION=PETERSBURG,VA TTYPE=PVI -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	2	41.5265	0.0	1.5	27.0	2.0	17.00	42.0	18.4
2	BOGGS RR	2	54.1650	18.0	3.0	28.0	1.0	15.15	42.0	18.7
3	NC-ROY	2	51.1520	22.5	2.5	30.5	1.0	14.95	44.0	16.8
4	Au03-248	2	44.5970	27.0	2.5	32.5	2.5	17.55	41.3	17.9
5	Au03-317	2	44.7810	27.0	2.5	30.5	1.5	18.85	41.0	17.8
6	Au03-4018RR	2	52.0490	22.5	3.0	29.0	2.0	16.55	43.2	18.7
7	Au03-506	2	49.3235	18.0	2.0	33.0	2.0	15.85	40.0	18.3
8	G03-1170 RR	2	43.6195	18.0	2.0	27.5	3.0	19.95	41.4	18.6
9	G03-2018 RR	2	48.5300	18.0	2.0	22.5	1.5	17.95	43.3	17.5
10	G03-2090 RR	2	41.7220	18.0	2.5	28.0	2.0	15.15	42.0	17.7
11	G03-2394 RR	2	47.0810	18.0	2.5	28.0	2.0	15.30	42.6	18.1
12	N01-11884	2	37.7430	18.0	2.0	29.0	2.0	16.00	42.9	17.9
13	N02-7543	2	31.5445	12.0	1.5	23.5	1.5	18.25	43.0	18.0
14	N02-7747	2	29.1525	18.0	1.5	26.0	1.5	16.45	42.3	17.1
15	N02-8492	2	32.6715	6.0	1.0	24.0	1.5	17.10	41.0	16.6
16	N02-8951	2	30.4175	27.0	1.0	23.0	1.0	18.10	43.3	17.2
17	N03-11895	2	28.9915	6.0	1.5	21.0	1.0	14.50	42.4	17.9
18	N04-9856	2	32.3725	18.0	2.0	26.0	2.0	11.90	41.6	17.9
19	NCC02-21183	2	29.3710	-2.5	1.5	22.0	1.5	14.15	38.9	20.3
20	NCC02-24030RR	2	44.3210	-2.5	2.5	22.0	1.5	15.20	39.6	20.5
21	NCC03-149RR	2	38.1225	-3.0	2.5	21.5	2.0	15.30	41.6	18.5
22	R02-3065	2	32.4645	12.5	1.5	19.5	1.5	18.10	43.9	18.6
23	R03-1011	2	38.5710	13.0	2.0	21.0	2.0	17.90	43.6	17.8
24	R03-1134	2	29.1180	-3.5	2.0	22.0	2.0	16.30	44.0	17.6
25	R03-1232	2	37.5245	-3.0	1.0	23.5	2.0	16.15	42.0	18.9
26	R03-183	2	30.6935	-3.0	2.0	19.5	1.5	17.15	44.3	18.1
27	SC03-9084RR	2	38.4100	19.0	2.5	34.5	2.0	16.50	41.1	17.2
28	SC03-9090RR	2	35.5235	-3.0	3.0	29.5	2.0	16.25	42.2	18.5
29	SC03-9151RR	2	43.7920	18.5	2.0	27.0	2.0	19.45	42.7	19.2
30	SC03-9153RR	2	29.3480	18.5	2.0	28.5	2.0	16.70	42.7	17.1
31	SC03-9438RR	2	47.2880	22.5	1.5	30.0	1.0	15.10	40.6	18.9

2006 REGIONAL SOYBEAN TEST - Local Anova

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----- LOCATION=PINE TREE,AR TTYPE=PVI -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	2	80.7958	0.0	2.50	37.0	2.00	16.00	.	.
2	BOGGS RR	2	64.1817	7.5	3.50	37.0	2.25	12.55	.	.
3	NC-ROY	2	69.6495	7.0	4.25	35.5	2.00	13.25	.	.
4	Au03-248	2	60.6347	11.5	5.00	43.5	3.00	16.65	.	.
5	Au03-317	2	69.4052	9.5	4.75	42.0	2.25	15.25	.	.
6	Au03-4018RR	2	66.5154	5.5	4.25	37.0	2.25	15.15	.	.
7	Au03-506	2	75.2774	9.0	3.75	43.0	2.25	13.00	.	.
8	G03-1170 RR	2	60.4241	4.0	4.50	42.5	2.50	17.75	.	.
9	G03-2018 RR	2	66.4143	4.5	4.00	36.0	1.50	15.75	.	.
10	G03-2090 RR	2	69.9612	11.5	3.75	41.0	2.50	13.15	.	.
11	G03-2394 RR	2	72.5056	10.5	4.00	40.0	2.25	13.45	.	.
12	N01-11884	2	64.1227	10.5	4.25	35.0	2.50	15.15	.	.

13	N02-7543	2	67.8044	-2.5	3.25	34.5	2.00	15.85	.	.
14	N02-7747	2	56.4728	10.0	5.00	50.5	2.25	15.95	.	.
15	N02-8492	2	84.1826	3.0	2.75	37.5	2.25	15.55	.	.
16	N02-8951	2	63.8194	13.5	3.75	37.0	2.25	14.80	.	.
17	N03-11895	2	72.1770	-1.0	4.25	34.0	2.00	14.55	.	.
18	N04-9856	2	55.9504	12.5	4.25	39.5	2.25	12.05	.	.
19	NCC02-21183	2	77.6532	-2.5	1.50	29.0	1.75	16.15	.	.
20	NCC02-2403ORR	2	73.9799	-0.5	3.25	29.0	2.00	14.55	.	.
21	NCC03-149RR	2	69.4726	1.5	2.50	33.5	2.00	14.95	.	.
22	R02-3065	2	70.8627	-1.5	1.75	27.5	1.75	17.05	.	.
23	R03-1011	2	78.4115	-2.0	2.75	30.0	2.00	17.10	.	.
24	R03-1134	2	88.5215	-2.0	2.75	30.0	1.75	17.30	.	.
25	R03-1232	2	77.4173	-2.0	1.25	32.0	2.00	16.85	.	.
26	R03-183	2	69.4978	-6.5	2.75	29.0	2.50	16.70	.	.
27	SC03-9084RR	2	68.3436	11.5	3.75	46.5	2.75	15.35	.	.
28	SC03-9090RR	2	70.0876	0.5	4.00	43.5	2.00	15.90	.	.
29	SC03-9151RR	2	86.2215	7.0	2.75	38.5	2.25	17.75	.	.
30	SC03-9153RR	2	73.2301	12.5	3.50	45.0	2.25	16.30	.	.
31	SC03-9438RR	2	63.6003	13.5	3.50	37.5	2.50	13.70	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 6  
LIST OF VARIETY MEANS 08:54 Friday, February 16, 2007

----- LOCATION=PLYMOUTH,NC(A) TTYPE=PVI -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	2	50.6385	0.0	2.0	36.0	.	17.5	.	.
2	BOGGS RR	2	42.7800	9.0	3.0	35.0	.	15.5	.	.
3	NC-ROY	2	52.7465	4.5	3.0	41.0	.	15.2	.	.
4	Au03-248	2	46.3605	17.0	4.0	43.0	.	16.9	.	.
5	Au03-317	2	50.3750	11.0	3.0	39.0	.	15.9	.	.
6	Au03-4018RR	2	37.1690	4.5	3.0	39.0	.	16.3	.	.
7	Au03-506	2	47.0270	4.5	2.0	40.0	.	13.4	.	.
8	G03-1170 RR	2	39.4785	11.5	2.5	37.0	.	21.2	.	.
9	G03-2018 RR	2	46.8100	7.0	2.0	34.0	.	18.2	.	.
10	G03-2090 RR	2	37.4170	6.0	3.5	38.0	.	15.2	.	.
11	G03-2394 RR	2	48.0345	10.5	2.5	40.0	.	16.7	.	.
12	N01-11884	2	46.6705	14.0	3.0	40.0	.	17.0	.	.
13	N02-7543	2	46.2055	3.0	2.0	32.0	.	21.5	.	.
14	N02-7747	2	43.2140	8.0	3.5	41.5	.	17.8	.	.
15	N02-8492	2	53.7385	6.0	2.0	34.5	.	19.5	.	.
16	N02-8951	2	50.3285	12.5	2.0	34.0	.	21.9	.	.
17	N03-11895	2	40.1450	3.0	3.5	33.0	.	16.7	.	.
18	N04-9856	2	50.2200	12.5	3.0	35.5	.	12.4	.	.
19	NCC02-21183	2	58.1250	-1.0	2.5	27.0	.	15.9	.	.
20	NCC02-2403ORR	2	52.4055	1.0	2.0	28.0	.	17.0	.	.
21	NCC03-149RR	2	49.7860	1.0	2.0	32.0	.	17.5	.	.
22	R02-3065	2	44.5315	1.0	2.5	29.0	.	20.5	.	.
23	R03-1011	2	51.5995	-1.0	2.0	29.0	.	19.1	.	.
24	R03-1134	2	46.2365	-2.5	3.0	30.0	.	19.3	.	.
25	R03-1232	2	56.8540	-1.0	2.0	32.0	.	17.8	.	.
26	R03-183	2	26.8615	-11.0	4.5	27.0	.	16.5	.	.
27	SC03-9084RR	2	45.3220	14.0	2.5	46.0	.	16.6	.	.
28	SC03-9090RR	2	45.8490	4.0	2.5	37.0	.	17.0	.	.
29	SC03-9151RR	2	46.9960	9.0	2.5	32.0	.	19.3	.	.
30	SC03-9153RR	2	44.0355	5.5	2.5	41.5	.	17.5	.	.

31 SC03-9438RR 2 44.0820 10.0 2.0 38.5 . 15.9 . .

2006 REGIONAL SOYBEAN TEST - Local Anova 7  
 LIST OF VARIETY MEANS 08:54 Friday, February 16, 2007

----- LOCATION=ROHWER,AR TTYPE=PVI -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	2	44.6544	0.0	.	38.5	.	.	.	.
2	BOGGS RR	2	42.2184	7.5	.	40.5	.	.	.	.
3	NC-ROY	2	38.9088	9.5	.	33.5	.	.	.	.
4	Au03-248	2	47.8548	14.0	.	33.0	.	.	.	.
5	Au03-317	2	44.7300	14.0	.	35.5	.	.	.	.
6	Au03-4018RR	2	47.5188	6.0	.	32.0	.	.	.	.
7	Au03-506	2	45.7548	14.0	.	37.5	.	.	.	.
8	G03-1170 RR	2	31.8192	14.0	.	37.0	.	.	.	.
9	G03-2018 RR	2	50.5932	6.0	.	36.0	.	.	.	.
10	G03-2090 RR	2	53.6088	7.5	.	41.5	.	.	.	.
11	G03-2394 RR	2	42.2604	7.5	.	43.5	.	.	.	.
12	N01-11884	2	46.2924	14.0	.	35.5	.	.	.	.
13	N02-7543	2	43.9656	1.0	.	31.5	.	.	.	.
14	N02-7747	2	41.4204	14.0	.	36.0	.	.	.	.
15	N02-8492	2	51.7440	7.0	.	32.0	.	.	.	.
16	N02-8951	2	34.7172	14.0	.	37.0	.	.	.	.
17	N03-11895	2	33.9108	3.0	.	32.0	.	.	.	.
18	N04-9856	2	35.7756	11.5	.	35.5	.	.	.	.
19	NCC02-21183	2	51.9288	0.5	.	22.0	.	.	.	.
20	NCC02-24030RR	2	49.1484	2.5	.	33.0	.	.	.	.
21	NCC03-149RR	2	45.4524	9.5	.	37.0	.	.	.	.
22	R02-3065	2	44.2344	-3.0	.	32.5	.	.	.	.
23	R03-1011	2	34.9776	0.5	.	22.5	.	.	.	.
24	R03-1134	2	61.0008	5.5	.	30.0	.	.	.	.
25	R03-1232	2	63.2436	0.0	.	33.0	.	.	.	.
26	R03-183	2	29.4504	-7.0	.	24.0	.	.	.	.
27	SC03-9084RR	2	33.1884	9.0	.	35.5	.	.	.	.
28	SC03-9090RR	2	55.2468	5.0	.	41.0	.	.	.	.
29	SC03-9151RR	2	44.9988	7.0	.	34.0	.	.	.	.
30	SC03-9153RR	2	38.2536	8.0	.	45.0	.	.	.	.
31	SC03-9438RR	2	47.3592	14.0	.	37.0	.	.	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 8  
 LIST OF VARIETY MEANS 08:54 Friday, February 16, 2007

----- LOCATION=TALLASSEE,AL(A) TTYPE=PVI -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	2	30.8385	0.0	.	29.5	1.0	14.9	46.8	18.2
2	BOGGS RR	2	44.3220	8.0	.	32.0	1.0	11.8	44.0	19.6
3	NC-ROY	2	40.3437	12.0	.	31.0	1.0	14.6	43.0	18.9
4	Au03-248	2	48.2870	22.0	.	42.0	1.0	17.8	42.0	18.7
5	Au03-317	2	40.3838	15.5	.	36.0	1.0	15.5	44.2	17.9
6	Au03-4018RR	2	44.5089	3.5	.	33.5	1.0	13.6	44.1	21.5
7	Au03-506	2	44.8560	15.5	.	35.0	1.0	13.4	41.6	18.3
8	G03-1170 RR	2	48.5139	15.5	.	36.0	1.0	17.8	43.3	19.0
9	G03-2018 RR	2	45.6704	5.0	.	33.0	1.0	15.4	43.8	18.0

10	G03-2090 RR	2	40.2503	10.0	.	32.0	1.0	14.3	43.9	18.7
11	G03-2394 RR	2	45.8439	8.5	.	34.5	1.0	13.8	44.2	20.5
12	N01-11884	2	38.5014	15.0	.	29.5	1.0	14.5	42.0	19.9
13	N02-7543	2	24.3104	-4.0	.	30.5	1.5	15.1	43.0	19.7
14	N02-7747	2	34.0025	15.5	.	37.5	1.0	12.6	43.4	18.5
15	N02-8492	2	29.7972	2.0	.	30.0	1.0	15.1	41.4	18.9
16	N02-8951	2	34.9770	15.5	.	28.0	1.0	18.1	42.8	19.4
17	N03-11895	2	25.4051	0.0	.	28.0	1.0	14.2	41.2	21.5
18	N04-9856	2	33.0546	10.0	.	33.5	1.0	10.5	42.4	20.0
19	NCC02-21183	2	34.8569	-4.0	.	21.5	1.5	13.4	42.5	20.4
20	NCC02-24030RR	2	38.4881	2.0	.	24.5	1.0	13.2	43.3	20.6
21	NCC03-149RR	2	46.3779	3.5	.	26.0	1.0	14.7	41.2	20.8
22	R02-3065	2	34.1894	-2.0	.	25.5	1.0	17.1	44.7	20.8
23	R03-1011	2	33.9090	0.0	.	25.0	1.0	15.9	44.3	20.0
24	R03-1134	2	37.8339	-2.0	.	26.5	1.0	16.0	46.3	19.6
25	R03-1232	2	29.6637	-4.0	.	24.0	1.0	15.6	42.0	20.6
26	R03-183	2	28.7025	-5.0	.	25.5	1.0	16.1	46.6	19.5
27	SC03-9084RR	2	45.0696	22.0	.	37.0	1.0	15.1	42.5	19.1
28	SC03-9090RR	2	33.3483	2.0	.	31.5	1.0	14.5	46.2	18.3
29	SC03-9151RR	2	36.4589	2.0	.	29.0	1.0	15.1	43.4	21.2
30	SC03-9153RR	2	39.9165	8.5	.	36.0	1.0	15.9	42.8	20.8
31	SC03-9438RR	2	39.4893	20.0	.	32.5	1.0	13.0	41.9	19.7

2006 REGIONAL SOYBEAN TEST - Local Anova 9  
 ANALYSIS OF YIELD 08:54 Friday, February 16, 2007

----- LOCATION=BIXBY,OK TTYPE=PVI -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	31	Au03-248 Au03-317 Au03-4018RR Au03-506 BOGGS RR DILLON G03-1170 RR G03-2018 RR G03-2090 RR G03-2394 RR N01-11884 N02-7543 N02-7747 N02-8492 N02-8951 N03-11895 N04-9856 NC-ROY NCC02-21183 NCC02-24030RR NCC03-149RR R02-3065 R03-1011 R03-1134 R03-1232 R03-183 SC03-9084RR SC03-9090RR SC03-9151RR SC03-9153RR SC03-9438RR
REP	2	1 2

Number of Observations Read 62  
 Number of Observations Used 62

2006 REGIONAL SOYBEAN TEST - Local Anova 10  
 ANALYSIS OF YIELD 08:54 Friday, February 16, 2007

----- LOCATION=BIXBY,OK TTYPE=PVI -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
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Model	31	2106.356174	67.946973	5.46	<.0001
Error	30	373.148044	12.438268		
Corrected Total	61	2479.504219			

R-Square      Coeff Var      Root MSE      YIELD Mean  
0.849507      14.89810      3.526793      23.67277

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	123.815540	123.815540	9.95	0.0036
VARIETY	30	1982.540635	66.084688	5.31	<.0001

2006 REGIONAL SOYBEAN TEST - Local Anova      11  
ANALYSIS OF YIELD      08:54 Friday, February 16, 2007

----- LOCATION=BIXBY,OK TTYPE=PVI -----

The ANOVA Procedure

t Tests (LSD) for YIELD

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha      0.05  
Error Degrees of Freedom      30  
Error Mean Square      12.43827  
Critical Value of t      2.04227  
Least Significant Difference      7.2027

Means with the same letter are not significantly different.

t Grouping			Mean	N	VARIETY				
		A	35.376	2	R02-3065				
		A							
B		A	32.960	2	R03-1011				
B		A							
B		A	C	31.488	2	R03-1134			
B		A	C						
B	D	A	C	31.184	2	N03-11895			
B	D	A	C						
E	B	D	A	C	30.016	2	NCC03-149RR		
E	B	D	A	C					
E	B	D	A	C	F	29.136	2	G03-2090 RR	
E	B	D	A	C	F				
E	B	D	A	G	C	F	28.720	2	NC-ROY
E	B	D	G	C	F				

E	B	D		H	G	C	F	27.120	2	R03-1232
E	B	D		H	G	C	F			
E	B	D		H	G	C	F	26.720	2	N02-7543
E	B	D		H	G	C	F			
E	B	D		H	G	C	F	26.576	2	R03-183
E		D		H	G	C	F			
E	I	D		H	G	C	F	25.456	2	SC03-9151RR
E	I	D		H	G	C	F			
E	I	D		H	G	C	F	25.376	2	N02-8951
E	I	D		H	G	C	F			
E	I	D	J	H	G	C	F	24.960	2	Au03-4018RR
E	I	D	J	H	G	C	F			
E	I	D	J	H	G	C	F	24.496	2	N04-9856
E	I	D	J	H	G	C	F			
E	I	D	J	H	G	C	F	24.336	2	N01-11884

2006 REGIONAL SOYBEAN TEST - Local Anova 12  
ANALYSIS OF YIELD 08:54 Friday, February 16, 2007

----- LOCATION=BIXBY,OK TTYPE=PVI -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping								Mean	N	VARIETY
E	I	D	J	H	G		F			
E	I	D	J	H	G	K	F	24.112	2	DILLON
E	I		J	H	G	K	F			
E	I	L	J	H	G	K	F	23.136	2	NCC02-21183
E	I	L	J	H	G	K	F			
E	I	L	J	H	G	K	F	22.880	2	NCC02-24030RR
	I	L	J	H	G	K	F			
M	I	L	J	H	G	K	F	22.048	2	SC03-9438RR
M	I	L	J	H	G	K	F			
M	I	L	J	H	G	K	F	22.032	2	N02-8492
M	I	L	J	H	G	K				
M	I	L	J	H	G	K		21.792	2	G03-2394 RR
M	I	L	J	H	G	K				
M	I	L	J	H	G	K		21.584	2	SC03-9090RR
M	I	L	J	H		K				
M	I	L	J	H		K		21.328	2	N02-7747
M	I	L	J	H		K				
M	I	L	J	H		K		21.328	2	SC03-9084RR
M	I	L	J			K				
M	I	L	J	N		K		19.040	2	Au03-506
M		L	J	N		K				
M	O	L	J	N		K		17.952	2	G03-2018 RR
M	O	L		N		K				
M	O	L		N		K		16.960	2	G03-1170 RR
M	O	L		N						
M	O	L		N				16.256	2	Au03-248
M	O			N						



M	0	N	14.992	2	SC03-9153RR
	0	N			
	0	N	12.768	2	Au03-317
	0				
	0		11.728	2	BOGGS RR

2006 REGIONAL SOYBEAN TEST - Local Anova 13  
 ANALYSIS OF YIELD 08:54 Friday, February 16, 2007

----- LOCATION=CLEMSON,SC TTYPE=PVI -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	31	Au03-248 Au03-317 Au03-4018RR Au03-506 BOGGS RR DILLON G03-1170 RR G03-2018 RR G03-2090 RR G03-2394 RR N01-11884 N02-7543 N02-7747 N02-8492 N02-8951 N03-11895 N04-9856 NC-ROY NCC02-21183 NCC02-24030RR NCC03-149RR R02-3065 R03-1011 R03-1134 R03-1232 R03-183 SC03-9084RR SC03-9090RR SC03-9151RR SC03-9153RR SC03-9438RR
REP	2	1 2

Number of Observations Read 62  
 Number of Observations Used 62

2006 REGIONAL SOYBEAN TEST - Local Anova 14  
 ANALYSIS OF YIELD 08:54 Friday, February 16, 2007

----- LOCATION=CLEMSON,SC TTYPE=PVI -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	31	2308.937476	74.481854	3.56	0.0004
Error	30	627.846010	20.928200		
Corrected Total	61	2936.783486			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.786213	8.469796	4.574735	54.01234

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	247.180678	247.180678	11.81	0.0017

VARIETY 30 2061.756798 68.725227 3.28 0.0008

2006 REGIONAL SOYBEAN TEST - Local Anova 15  
 ANALYSIS OF YIELD 08:54 Friday, February 16, 2007

----- LOCATION=CLEMSON,SC TTYPE=PVI -----

The ANOVA Procedure

t Tests (LSD) for YIELD

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha 0.05  
 Error Degrees of Freedom 30  
 Error Mean Square 20.9282  
 Critical Value of t 2.04227  
 Least Significant Difference 9.3429

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	A	63.210	2	N03-11895
	A			
	A	62.790	2	N02-8492
	A			
	A	62.528	2	NC-ROY
	A			
B	A	61.583	2	R02-3065
B	A			
B	A C	59.850	2	N04-9856
B	A C			
B	A C	59.588	2	DILLON
B	A C			
B	A C	59.010	2	NCC03-149RR
B	A C			
B	A C	58.170	2	N02-7543
B	A C			
B	D A C	57.698	2	N02-8951
B	D A C			
E	B D A C	56.490	2	SC03-9151RR
E	B D A C			
E	B D A C	56.490	2	G03-2394 RR
E	B D A C			
E	B D A C	56.175	2	Au03-317
E	B D A C			
E	B D A C	55.808	2	N01-11884
E	B D A C			
E	B D A C F	55.178	2	BOGGS RR
E	B D A C F			
E	B D A C F	55.125	2	N02-7747

----- LOCATION=CLEMSON,SC TTYPE=PVI -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping						Mean	N	VARIETY
E	B	D	A	C	F			
E	B	D	A	C	F	54.390	2	R03-1011
E	B	D	A	C	F			
E	B	D	A	C	F	54.338	2	R03-1232
E	B	D	A	C	F			
E	B	D	A	C	F	54.023	2	G03-2018 RR
E	B	D		C	F			
E	B	D		C	F	52.973	2	SC03-9084RR
E	B	D		C	F			
E	B	D	G	C	F	52.290	2	SC03-9090RR
E		D	G	C	F			
E		D	G	C	F	51.975	2	G03-1170 RR
E		D	G	C	F			
E		D	G	C	F	51.975	2	Au03-506
E		D	G	C	F			
E		D	G	C	F	51.608	2	Au03-4018RR
E		D	G	C	F			
E		D	G	C	F	51.083	2	NCC02-24030RR
E		D	G		F			
E		D	G		F	48.773	2	SC03-9438RR
E		D	G		F			
E		D	G		F	48.510	2	NCC02-21183
E			G		F			
E			G		F	47.723	2	R03-183
E			G		F			
E	H		G		F	47.513	2	G03-2090 RR
	H		G		F			
	H		G		F	46.148	2	Au03-248
	H		G					
	H		G			43.155	2	SC03-9153RR
	H							
	H					38.220	2	R03-1134

----- LOCATION=PETERSBURG,VA TTYPE=PVI -----

The ANOVA Procedure

Class Level Information





	I	J	H			
K	I	J	H	38.123	2	NCC03-149RR
K	I	J				
K	I	J	L	37.743	2	N01-11884
K	I	J	L			
K	I	J	L	37.525	2	R03-1232
K		J	L			
K	M	J	L	35.524	2	SC03-9090RR
K	M		L			
K	M	N	L	32.672	2	N02-8492
	M	N	L			
	M	N	L	32.465	2	R02-3065
	M	N	L			
	M	N	L	32.373	2	N04-9856
	M	N				
	M	N		31.545	2	N02-7543
	M	N				
	M	N		30.694	2	R03-183
	M	N				
	M	N		30.418	2	N02-8951
		N				
		N		29.371	2	NCC02-21183
		N				
		N		29.348	2	SC03-9153RR
		N				
		N		29.153	2	N02-7747
		N				
		N		29.118	2	R03-1134
		N				
		N		28.992	2	N03-11895

2006 REGIONAL SOYBEAN TEST - Local Anova 21  
 ANALYSIS OF YIELD 08:54 Friday, February 16, 2007

----- LOCATION=PINE TREE,AR TTYPE=PVI -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	31	Au03-248 Au03-317 Au03-4018RR Au03-506 BOGGS RR DILLON G03-1170 RR G03-2018 RR G03-2090 RR G03-2394 RR N01-11884 N02-7543 N02-7747 N02-8492 N02-8951 N03-11895 N04-9856 NC-ROY NCC02-21183 NCC02-24030RR NCC03-149RR R02-3065 R03-1011 R03-1134 R03-1232 R03-183 SC03-9084RR SC03-9090RR SC03-9151RR SC03-9153RR SC03-9438RR
REP	2	1 2

Number of Observations Read 62  
 Number of Observations Used 62

2006 REGIONAL SOYBEAN TEST - Local Anova 22  
 ANALYSIS OF YIELD 08:54 Friday, February 16, 2007

----- LOCATION=PINE TREE,AR TTYPE=PVI -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	31	3872.790151	124.928715	3.97	0.0001
Error	30	943.102437	31.436748		
Corrected Total	61	4815.892589			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.804169	7.945366	5.606848	70.56753

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	62.725812	62.725812	2.00	0.1681
VARIETY	30	3810.064339	127.002145	4.04	0.0001

2006 REGIONAL SOYBEAN TEST - Local Anova 23  
ANALYSIS OF YIELD 08:54 Friday, February 16, 2007

----- LOCATION=PINE TREE,AR TTYPE=PVI -----

The ANOVA Procedure

t Tests (LSD) for YIELD

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	30
Error Mean Square	31.43675
Critical Value of t	2.04227
Least Significant Difference	11.451

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	88.521	2	R03-1134
A			
B A	86.221	2	SC03-9151RR
B A			
B A C	84.183	2	N02-8492

	B		A	C				
	B	D	A	C		80.796	2	DILLON
	B	D	A	C				
E	B	D	A	C		78.411	2	R03-1011
E	B	D	A	C				
E	B	D	A	C	F	77.653	2	NCC02-21183
E	B	D	A	C	F			
E	B	D	A	C	F	77.417	2	R03-1232
E	B	D		C	F			
E	B	D	G	C	F	75.277	2	Au03-506
E		D	G	C	F			
E	H	D	G	C	F	73.980	2	NCC02-24030RR
E	H	D	G	C	F			
E	H	D	G	C	F	73.230	2	SC03-9153RR
E	H	D	G		F			
E	H	D	G		F	72.506	2	G03-2394 RR
E	H	D	G		F			
E	H	D	G		F	72.177	2	N03-11895
E	H	D	G		F			
E	H	D	G	I	F	70.863	2	R02-3065
E	H	D	G	I	F			
E	H	D	G	I	F	70.088	2	SC03-9090RR
E	H	D	G	I	F			
E	H	D	G	I	F	69.961	2	G03-2090 RR

2006 REGIONAL SOYBEAN TEST - Local Anova 24  
 ANALYSIS OF YIELD 08:54 Friday, February 16, 2007

----- LOCATION=PINE TREE,AR TTYPE=PVI -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping						Mean	N	VARIETY
E	H	D	G	I	F			
E	H	D	G	I	F	69.649	2	NC-ROY
E	H	D	G	I	F			
E	H	D	G	I	F	69.498	2	R03-183
E	H	D	G	I	F			
E	H	D	G	I	F	69.473	2	NCC03-149RR
E	H	D	G	I	F			
E	H	D	G	I	F	69.405	2	Au03-317
E	H		G	I	F			
E	H		G	I	F	68.344	2	SC03-9084RR
E	H		G	I	F			
E	H	J	G	I	F	67.804	2	N02-7543
	H	J	G	I	F			
K	H	J	G	I	F	66.515	2	Au03-4018RR
K	H	J	G	I	F			
K	H	J	G	I	F	66.414	2	G03-2018 RR
K	H	J	G	I				
K	H	J	G	I		64.182	2	BOGGS RR



K	H	J	G	I			
K	H	J	G	I	64.123	2	N01-11884
K	H	J		I			
K	H	J		I	63.819	2	N02-8951
K	H	J		I			
K	H	J		I	63.600	2	SC03-9438RR
K		J		I			
K		J		I	60.635	2	Au03-248
K		J		I			
K		J		I	60.424	2	G03-1170 RR
K		J					
K		J			56.473	2	N02-7747
K							
K					55.950	2	N04-9856

2006 REGIONAL SOYBEAN TEST - Local Anova 25  
ANALYSIS OF YIELD 08:54 Friday, February 16, 2007

----- LOCATION=PLYMOUTH,NC(A) TTYPE=PVI -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	31	Au03-248 Au03-317 Au03-4018RR Au03-506 BOGGS RR DILLON G03-1170 RR G03-2018 RR G03-2090 RR G03-2394 RR N01-11884 N02-7543 N02-7747 N02-8492 N02-8951 N03-11895 N04-9856 NC-ROY NCC02-21183 NCC02-24030RR NCC03-149RR R02-3065 R03-1011 R03-1134 R03-1232 R03-183 SC03-9084RR SC03-9090RR SC03-9151RR SC03-9153RR SC03-9438RR
REP	2	1 2

Number of Observations Read 62  
Number of Observations Used 62

2006 REGIONAL SOYBEAN TEST - Local Anova 26  
ANALYSIS OF YIELD 08:54 Friday, February 16, 2007

----- LOCATION=PLYMOUTH,NC(A) TTYPE=PVI -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	31	2348.127442	75.746047	4.82	<.0001
Error	30	471.474660	15.715822		
Corrected Total	61	2819.602102			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.832787	8.522209	3.964319	46.51750

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	35.294756	35.294756	2.25	0.1444
VARIETY	30	2312.832686	77.094423	4.91	<.0001

2006 REGIONAL SOYBEAN TEST - Local Anova 27  
 ANALYSIS OF YIELD 08:54 Friday, February 16, 2007

----- LOCATION=PLYMOUTH,NC(A) TTYPE=PVI -----

The ANOVA Procedure

t Tests (LSD) for YIELD

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	30
Error Mean Square	15.71582
Critical Value of t	2.04227
Least Significant Difference	8.0962

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	A	58.125	2	NCC02-21183
	A			
B	A	56.854	2	R03-1232
B	A			
B	A	53.739	2	N02-8492
B	A			
B	D	52.747	2	NC-ROY
B	D			
E	B	52.406	2	NCC02-24030RR
E	B			
E	B	51.600	2	R03-1011
E	B			
E	B	50.639	2	DILLON
E	B			
E	B	50.375	2	Au03-317
E	B			
E	B	50.329	2	N02-8951
E	B			
E	B	50.220	2	N04-9856
E	B			
E	B	49.786	2	NCC03-149RR

E		D		G	C	F			
E		D	H	G	C	F	48.035	2	G03-2394 RR
E		D	H	G	C	F			
E	I	D	H	G	C	F	47.027	2	Au03-506
E	I	D	H	G	C	F			
E	I	D	H	G	C	F	46.996	2	SC03-9151RR
E	I	D	H	G	C	F			
E	I	D	H	G	C	F	46.810	2	G03-2018 RR

2006 REGIONAL SOYBEAN TEST - Local Anova 28  
 ANALYSIS OF YIELD 08:54 Friday, February 16, 2007

----- LOCATION=PLYMOUTH,NC(A) TTYPE=PVI -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping							Mean	N	VARIETY	
E	I	D	H	G	C	F				
E	I	D	H	G	C	F	46.671	2	N01-11884	
E	I	D	H	G	C	F				
E	I	D	H	G	C	F	46.361	2	Au03-248	
E	I	D	H	G	C	F				
E	I	D	H	G	C	F	46.237	2	R03-1134	
E	I	D	H	G	C	F				
E	I	D	H	G	C	F	46.206	2	N02-7543	
E	I	D	H	G	C	F				
E	I	D	H	G	C	F	45.849	2	SC03-9090RR	
E	I	D	H	G		F				
E	I	D	H	G	J	F	45.322	2	SC03-9084RR	
E	I		H	G	J	F				
E	I	K	H	G	J	F	44.532	2	R02-3065	
		I	K	H	G	J	F			
		I	K	H	G	J	F	44.082	2	SC03-9438RR
		I	K	H	G	J	F			
		I	K	H	G	J	F	44.036	2	SC03-9153RR
		I	K	H	G	J				
		I	K	H	G	J	43.214	2	N02-7747	
		I	K	H	G	J				
		I	K	H	G	J	42.780	2	BOGGS RR	
		I	K	H		J				
		I	K	H		J	40.145	2	N03-11895	
		I	K			J				
		I	K			J	39.479	2	G03-1170 RR	
			K			J				
			K			J	37.417	2	G03-2090 RR	
			K							
			K				37.169	2	Au03-4018RR	
			L				26.862	2	R03-183	

----- LOCATION=ROHWER,AR TTYPE=PVI -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	31	Au03-248 Au03-317 Au03-4018RR Au03-506 BOGGS RR DILLON G03-1170 RR G03-2018 RR G03-2090 RR G03-2394 RR N01-11884 N02-7543 N02-7747 N02-8492 N02-8951 N03-11895 N04-9856 NC-ROY NCC02-21183 NCC02-24030RR NCC03-149RR R02-3065 R03-1011 R03-1134 R03-1232 R03-183 SC03-9084RR SC03-9090RR SC03-9151RR SC03-9153RR SC03-9438RR
REP	2	1 2

Number of Observations Read 62  
 Number of Observations Used 61  
 2006 REGIONAL SOYBEAN TEST - Local Anova 30  
 ANALYSIS OF YIELD 08:54 Friday, February 16, 2007

----- LOCATION=ROHWER,AR TTYPE=PVI -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	31	4408.902226	142.222652	2.92	0.0024
Error	29	1413.341173	48.735903		
Corrected Total	60	5822.243400			

R-Square 0.757251  
 Coeff Var 15.72266  
 Root MSE 6.981110  
 YIELD Mean 44.40157

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	403.309711	403.309711	8.28	0.0075
VARIETY	30	4005.592515	133.519751	2.74	0.0040

2006 REGIONAL SOYBEAN TEST - Local Anova 31  
 ANALYSIS OF YIELD 08:54 Friday, February 16, 2007

----- LOCATION=ROHWER,AR TTYPE=PVI -----

The ANOVA Procedure

t Tests (LSD) for YIELD

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	29
Error Mean Square	48.7359
Critical Value of t	2.04523
Least Significant Difference	14.506
Harmonic Mean of Cell Sizes	1.9375

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY				
	A	63.244	2	R03-1232				
	A							
B	A	61.001	2	R03-1134				
B	A							
B	A	C	55.247	2	SC03-9090RR			
B	A	C						
B	A	C	53.609	2	G03-2090 RR			
B	A	C						
B	D	A	C	51.929	2	NCC02-21183		
B	D	A	C					
B	D	A	C	51.744	2	N02-8492		
B	D	A	C					
B	D	A	C	50.593	2	G03-2018 RR		
B	D	A	C					
E	B	D	A	C	49.148	2	NCC02-24030RR	
E	B	D		C				
E	B	D	F	C	47.855	2	Au03-248	
E	B	D	F	C				
E	B	D	F	C	G	47.519	2	Au03-4018RR
E	B	D	F	C	G			
E	B	D	F	C	G	47.359	2	SC03-9438RR
E		D	F	C	G			
E	H	D	F	C	G	46.292	2	N01-11884
E	H	D	F	C	G			
E	H	D	F	C	G	45.755	2	Au03-506
E	H	D	F	C	G			

----- LOCATION=ROHWER,AR TTYPE=PVI -----

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping						Mean	N	VARIETY	
E	H	D	F	C	G	45.452	2	NCC03-149RR	
E	H	D	F	C	G				
E	H	D	F	C	G	44.999	2	SC03-9151RR	
E	H	D	F	C	G				
E	H	D	F	C	G	44.730	2	Au03-317	
E	H	D	F	C	G				
E	H	D	F	C	G	44.654	2	DILLON	
E	H	D	F	C	G				
E	H	D	F	C	G	44.234	2	R02-3065	
E	H	D	F	C	G				
E	H	D	F	C	G	43.966	1	N02-7543	
E	H	D	F	C	G				
E	H	D	F	I	C	G	42.260	2	G03-2394 RR
E	H	D	F	I	C	G			
E	H	D	F	I	C	G	42.218	2	BOGGS RR
E	H	D	F	I	C	G			
E	H	D	F	I	C	G	41.420	2	N02-7747
E	H	D	F	I	G				
E	H	D	F	I	G	38.909	2	NC-ROY	
E	H	D	F	I	G				
E	H	D	F	I	G	38.254	2	SC03-9153RR	
E	H		F	I	G				
E	H		F	I	G	35.776	2	N04-9856	
E	H		F	I	G				
E	H		F	I	G	34.978	2	R03-1011	
E	H		F	I	G				
E	H		F	I	G	34.717	2	N02-8951	
	H		F	I	G				
	H		F	I	G	33.911	2	N03-11895	
	H			I	G				
	H			I	G	33.188	2	SC03-9084RR	
	H			I					
	H			I		31.819	2	G03-1170 RR	
				I					
				I		29.450	2	R03-183	

2006 REGIONAL SOYBEAN TEST - Local Anova 33  
 ANALYSIS OF YIELD 08:54 Friday, February 16, 2007

----- LOCATION=TALLASSEE,AL(A) TTYPE=PVI -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	31	Au03-248 Au03-317 Au03-4018RR Au03-506 BOGGS RR DILLON G03-1170 RR G03-2018 RR G03-2090 RR G03-2394 RR N01-11884 N02-7543 N02-7747

N02-8492 N02-8951 N03-11895 N04-9856 NC-ROY NCC02-21183 NCC02-24030RR  
 NCC03-149RR R02-3065 R03-1011 R03-1134 R03-1232 R03-183 SC03-9084RR  
 SC03-9090RR SC03-9151RR SC03-9153RR SC03-9438RR

REP 2 1 2

Number of Observations Read 62  
 Number of Observations Used 62

2006 REGIONAL SOYBEAN TEST - Local Anova 34  
 ANALYSIS OF YIELD 08:54 Friday, February 16, 2007

----- LOCATION=TALLASSEE,AL(A) TTYPE=PVI -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	31	8787.202699	283.458152	8.24	<.0001
Error	30	1031.605964	34.386865		
Corrected Total	61	9818.808663			

R-Square 0.894936  
 Coeff Var 15.50841  
 Root MSE 5.864032  
 YIELD Mean 37.81194

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	6101.087680	6101.087680	177.42	<.0001
VARIETY	30	2686.115018	89.537167	2.60	0.0054

2006 REGIONAL SOYBEAN TEST - Local Anova 35  
 ANALYSIS OF YIELD 08:54 Friday, February 16, 2007

----- LOCATION=TALLASSEE,AL(A) TTYPE=PVI -----

The ANOVA Procedure

t Tests (LSD) for YIELD

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha 0.05  
 Error Degrees of Freedom 30  
 Error Mean Square 34.38687  
 Critical Value of t 2.04227  
 Least Significant Difference 11.976

Means with the same letter are not significantly different.

t Grouping							Mean	N	VARIETY
			A				48.514	2	G03-1170 RR
			A						
B			A				48.287	2	Au03-248
B			A						
B			A	C			46.378	2	NCC03-149RR
B			A	C					
B	D		A	C			45.844	2	G03-2394 RR
B	D		A	C					
B	D		A	C			45.670	2	G03-2018 RR
B	D		A	C					
E	B	D	A	C			45.070	2	SC03-9084RR
E	B	D	A	C					
E	B	D	A	C	F		44.856	2	Au03-506
E	B	D	A	C	F				
E	B	D	A	C	F		44.509	2	Au03-4018RR
E	B	D	A	C	F				
E	B	D	A	C	F		44.322	2	BOGGS RR
E	B	D	A	C	F				
E	B	D	A	G	C	F	40.384	2	Au03-317
E	B	D	A	G	C	F			
E	B	D	A	G	C	F	40.344	2	NC-ROY
E	B	D	A	G	C	F			
E	B	D	A	G	C	F	40.250	2	G03-2090 RR
E	B	D	A	G	C	F			
E	B	D	A	G	C	F	39.917	2	SC03-9153RR
E	B	D	A	G	C	F			
E	B	D	A	G	C	F	39.489	2	SC03-9438RR
E	B	D	A	G	C	F			
E	B	D	A	G	C	F	38.501	2	N01-11884

2006 REGIONAL SOYBEAN TEST - Local Anova

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ANALYSIS OF YIELD

08:54 Friday, February 16, 2007

----- LOCATION=TALLASSEE,AL(A) TTYPE=PVI -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping							Mean	N	VARIETY
E	B	D	A	G	C	F			
E	B	D	A	G	C	F	38.488	2	NCC02-24030RR
E	B	D	A	G	C	F			
E	B	D	A	G	C	F	37.834	2	R03-1134
E	B	D		G	C	F			
E	B	D	H	G	C	F	36.459	2	SC03-9151RR



E		D	H	G	C	F			
E	I	D	H	G	C	F	34.977	2	N02-8951
E	I	D	H	G	C	F			
E	I	D	H	G	C	F	34.857	2	NCC02-21183
E	I	D	H	G		F			
E	I	D	H	G		F	34.189	2	R02-3065
E	I	D	H	G		F			
E	I	D	H	G		F	34.002	2	N02-7747
E	I	D	H	G		F			
E	I	D	H	G		F	33.909	2	R03-1011
E	I		H	G		F			
E	I		H	G		F	33.348	2	SC03-9090RR
	I		H	G		F			
	I		H	G		F	33.055	2	N04-9856
	I		H	G					
	I		H	G			30.839	2	DILLON
	I		H	G					
	I		H	G			29.797	2	N02-8492
	I		H	G					
	I		H	G			29.664	2	R03-1232
	I		H	G					
	I		H	G			28.703	2	R03-183
	I		H						
	I		H				25.405	2	N03-11895
	I								
	I						24.310	2	N02-7543