

2005 REGIONAL SOYBEAN TEST - Local Anova
 LIST OF CHECK MATURITY DATES FOR EACH TEST

1

11:58 Thursday, February 1, 2007

LOCATION	TTYPE	VARIETY	REP	CKDATE
ATHENS, GA (A)	UVIII	PRICHARD RR	.	10/30
		PRICHARD RR	1	10/30
		PRICHARD RR	2	10/30
		PRICHARD RR	3	10/31
BLACKVILLE, SC (B)	UVIII	PRICHARD RR	.	.
		PRICHARD RR	1	.
		PRICHARD RR	2	.
		PRICHARD RR	3	.
CLEMSON, SC	UVIII	PRICHARD RR	.	11/03
		PRICHARD RR	1	11/03
		PRICHARD RR	2	11/03
		PRICHARD RR	3	11/03
FAIRHOPE, AL	UVIII	PRICHARD RR	.	11/01
		PRICHARD RR	1	11/01
		PRICHARD RR	2	11/01
		PRICHARD RR	3	11/01
FLORENCE, SC	UVIII	PRICHARD RR	.	11/02
		PRICHARD RR	1	11/02
		PRICHARD RR	2	11/03
		PRICHARD RR	3	11/02
KINSTON, NC	UVIII	PRICHARD RR	.	11/11
		PRICHARD RR	1	11/09
		PRICHARD RR	2	11/11
		PRICHARD RR	3	11/14
PLAINS, GA	UVIII	PRICHARD RR	.	.
		PRICHARD RR	1	.
		PRICHARD RR	2	.
		PRICHARD RR	3	.
TALLASSEE, AL (A)	UVIII	PRICHARD RR	.	11/02
		PRICHARD RR	1	11/01
		PRICHARD RR	2	11/03
		PRICHARD RR	3	11/03
TALLASSEE, AL (B)	UVIII	PRICHARD RR	.	11/01
		PRICHARD RR	1	11/01
		PRICHARD RR	2	11/03
		PRICHARD RR	3	11/01
TIFTON, GA	UVIII	PRICHARD RR	.	10/19
		PRICHARD RR	1	10/19
		PRICHARD RR	2	10/19
		PRICHARD RR	3	10/20

----- LOCATION=ATHENS,GA(A) TTYPE=UVIII -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	45.1675	0.0000	1.66667	44.3333	1.66667	12.9000	36.5	19.2
2	COOK	3	32.7253	-9.3333	1.00000	42.6667	1.83333	14.6667	35.9	19.9
3	Au02-2814	3	35.5021	-6.3333	1.00000	38.6667	1.50000	13.4000	32.9	21.7
4	Au02-3223	3	42.5598	-5.3333	1.00000	40.0000	1.66667	14.1667	34.1	20.0
5	G00-3364	3	45.4968	-6.0000	1.00000	37.0000	1.50000	15.1667	37.9	18.9
6	G03-680 RR	3	41.3672	-5.6667	1.33333	49.3333	1.83333	14.1333	37.1	20.7
7	G03-825 RR	3	36.6324	-3.6667	1.33333	43.3333	1.83333	12.7000	33.8	19.2
8	G03-889 RR	3	34.9325	-7.6667	1.00000	41.0000	1.50000	14.5333	34.8	19.8
9	G03-899 RR	3	38.7684	-7.6667	1.33333	43.0000	2.16667	13.0000	37.8	19.6
10	G03-952 RR	3	42.9336	-2.6667	1.00000	40.6667	2.50000	15.6000	39.7	19.8
11	G04-G2261RR	3	31.6039	-10.6667	1.00000	39.3333	1.50000	12.9667	35.2	19.7
12	N97-9612	3	38.6972	-7.3333	1.00000	38.3333	1.83333	14.1333	36.5	18.9
13	N00-377	3	39.3024	-6.0000	1.00000	34.3333	1.66667	14.8000	34.3	21.5
14	NTC02AXB-717	3	27.2963	-2.0000	1.00000	40.3333	1.66667	6.2667	37.7	18.5
15	SC01-803RR	3	45.2031	-5.0000	1.00000	41.6667	1.66667	15.1000	40.3	18.6
16	SC01-809RR	3	38.4391	-5.3333	1.00000	38.0000	1.83333	15.7667	37.3	18.4
17	SC02-134RR	3	38.1632	-4.0000	1.33333	40.3333	1.66667	14.4667	36.9	20.1
18	SC02-163RR	3	39.3647	-0.3333	2.33333	47.0000	1.83333	13.8000	38.9	18.3

----- LOCATION=BLACKVILLE,SC(B) TTYPE=UVIII -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	36.680	.	2.00000	39.3333	.	11.5	.	.
2	COOK	3	35.385	.	1.66667	32.6667	.	13.5	.	.
3	Au02-2814	3	35.070	.	2.00000	31.0000	.	11.9	.	.
4	Au02-3223	3	33.600	.	1.66667	31.3333	.	13.0	.	.
5	G00-3364	3	40.565	.	1.16667	33.6667	.	14.0	.	.
6	G03-680 RR	3	31.115	.	1.66667	37.3333	.	12.4	.	.
7	G03-825 RR	3	33.635	.	1.33333	32.6667	.	11.5	.	.
8	G03-889 RR	3	35.105	.	1.16667	36.3333	.	14.1	.	.
9	G03-899 RR	3	30.835	.	1.33333	35.6667	.	12.7	.	.
10	G03-952 RR	3	26.880	.	1.33333	31.6667	.	13.7	.	.
11	G04-G2261RR	3	31.150	.	1.00000	31.0000	.	10.7	.	.
12	N97-9612	3	34.335	.	1.66667	35.0000	.	12.8	.	.
13	N00-377	3	37.100	.	1.33333	29.0000	.	14.7	.	.
14	NTC02AXB-717	3	30.660	.	1.33333	27.0000	.	6.3	.	.
15	SC01-803RR	3	34.580	.	1.00000	35.3333	.	13.4	.	.
16	SC01-809RR	3	35.385	.	1.00000	29.6667	.	13.1	.	.
17	SC02-134RR	3	34.125	.	1.66667	29.6667	.	13.6	.	.
18	SC02-163RR	3	35.280	.	2.16667	39.6667	.	10.7	.	.

----- LOCATION=CLEMSON,SC TTYPE=UVIII -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	54.425	0.00000	3.66667	38.0000	.	11.5	41.3	17.6
2	COOK	3	52.430	-3.33333	1.83333	33.6667	.	16.1	40.8	18.8

3	Au02-2814	3	56.385	-4.66667	2.16667	30.6667	.	13.1	38.2	19.7
4	Au02-3223	3	57.085	-3.33333	2.33333	32.3333	.	13.5	38.4	19.3
5	G00-3364	3	57.855	-1.33333	2.66667	38.6667	.	15.1	43.3	18.2
6	G03-680 RR	3	54.950	-1.66667	2.16667	41.0000	.	13.1	40.4	19.3
7	G03-825 RR	3	58.555	-3.33333	2.00000	37.3333	.	13.0	40.3	18.8
8	G03-889 RR	3	53.165	-2.00000	2.50000	38.0000	.	14.0	38.3	18.8
9	G03-899 RR	3	56.875	-3.00000	2.33333	40.3333	.	13.5	42.2	18.4
10	G03-952 RR	3	54.425	-4.00000	2.00000	35.6667	.	15.1	40.6	19.9
11	G04-G2261RR	3	53.410	-2.66667	2.00000	36.3333	.	12.8	39.4	19.1
12	N97-9612	3	58.695	-1.66667	2.83333	39.0000	.	15.8	40.6	18.3
13	N00-377	3	53.935	0.33333	1.00000	30.3333	.	15.6	39.5	20.0
14	NTC02AXB-717	3	39.830	-1.33333	3.00000	36.3333	.	5.3	43.1	16.6
15	SC01-803RR	3	54.985	-3.66667	1.33333	37.6667	.	14.6	41.6	18.3
16	SC01-809RR	3	51.520	-2.33333	1.33333	31.6667	.	15.5	40.1	19.3
17	SC02-134RR	3	54.285	-2.00000	2.16667	35.3333	.	13.5	40.1	19.3
18	SC02-163RR	3	49.840	-1.00000	2.33333	42.6667	.	11.8	38.7	18.1

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LIST OF VARIETY MEANS 11:58 Thursday, February 1, 2007

----- LOCATION=FAIRHOPE,AL TTYPE=UVIII -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	71.9147	0.0000	3.00000	43.3333	1.5	17.1	45.3	19.1
2	COOK	3	74.0907	-9.3333	2.66667	35.0000	3.0	19.5	43.4	19.1
3	Au02-2814	3	83.2907	-6.0000	2.66667	33.6667	2.5	18.9	39.9	22.3
4	Au02-3223	3	81.1093	-5.6667	2.66667	35.6667	3.0	19.3	42.4	19.8
5	G00-3364	3	82.5653	-9.3333	1.00000	39.0000	2.0	19.5	45.2	20.1
6	G03-680 RR	3	79.1787	-7.6667	2.33333	38.0000	1.5	17.7	44.7	19.3
7	G03-825 RR	3	72.8800	-4.0000	1.33333	38.6667	2.0	18.6	44.0	19.2
8	G03-889 RR	3	86.1973	-9.6667	2.00000	41.3333	2.0	19.2	43.4	20.1
9	G03-899 RR	3	73.8560	-13.6667	2.00000	39.0000	2.5	19.0	49.0	16.1
10	G03-952 RR	3	73.8507	-8.0000	2.66667	37.0000	2.0	20.0	44.9	20.3
11	G04-G2261RR	3	78.9333	-9.3333	2.33333	35.0000	2.5	17.6	44.2	19.0
12	N97-9612	3	79.6587	-8.0000	3.00000	37.3333	2.0	19.2	41.9	18.6
13	N00-377	3	80.6293	-1.6667	1.66667	34.0000	1.5	21.5	42.4	19.7
14	NTC02AXB-717	3	65.8613	-3.3333	2.00000	34.3333	1.0	8.1	46.2	16.9
15	SC01-803RR	3	78.4533	-0.6667	1.33333	38.6667	1.5	20.7	46.4	19.1
16	SC01-809RR	3	81.8400	-6.3333	1.00000	35.6667	1.5	20.1	44.5	19.5
17	SC02-134RR	3	73.6107	-6.0000	1.33333	38.6667	1.5	19.6	46.7	19.6
18	SC02-163RR	3	72.4000	-2.6667	2.66667	40.3333	1.5	16.3	42.7	18.9

2005 REGIONAL SOYBEAN TEST - Local Anova 7
LIST OF VARIETY MEANS 11:58 Thursday, February 1, 2007

----- LOCATION=FLORENCE,SC TTYPE=UVIII -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	42.805	0.00000	1.66667	34.0000	.	11.7	42.3	18.4
2	COOK	3	40.740	-5.66667	1.00000	28.3333	.	13.4	42.4	18.3
3	Au02-2814	3	50.470	-0.66667	2.00000	27.6667	.	12.9	38.2	21.2
4	Au02-3223	3	47.880	-1.33333	1.66667	30.0000	.	13.8	39.7	19.0
5	G00-3364	3	45.535	-1.00000	1.33333	31.0000	.	14.7	42.1	18.9
6	G03-680 RR	3	39.970	-1.66667	2.00000	34.6667	.	13.3	41.8	19.7
7	G03-825 RR	3	43.820	-1.66667	2.00000	29.6667	.	13.5	40.0	19.6
8	G03-889 RR	3	44.555	-1.33333	1.66667	36.0000	.	14.4	40.9	19.1
9	G03-899 RR	3	40.495	-3.00000	1.33333	30.3333	.	12.9	43.0	18.5
10	G03-952 RR	3	41.755	-2.00000	1.33333	31.3333	.	14.3	42.2	20.7
11	G04-G2261RR	3	46.585	-6.33333	1.66667	30.6667	.	12.4	42.9	18.2

12	N97-9612	3	43.995	-1.33333	2.00000	29.3333	.	13.7	40.9	18.1
13	N00-377	3	41.265	-1.33333	1.33333	28.3333	.	15.1	40.5	20.7
14	NTC02AXB-717	3	38.535	0.33333	1.00000	27.6667	.	6.1	43.3	16.7
15	SC01-803RR	3	43.925	-2.00000	1.00000	29.0000	.	14.5	43.1	18.9
16	SC01-809RR	3	40.635	-2.66667	1.00000	26.6667	.	15.0	41.8	19.2
17	SC02-134RR	3	46.200	-0.66667	1.66667	31.6667	.	13.9	42.7	19.9
18	SC02-163RR	3	43.750	0.00000	1.66667	33.0000	.	13.0	41.4	18.6

2005 REGIONAL SOYBEAN TEST - Local Anova 8
LIST OF VARIETY MEANS 11:58 Thursday, February 1, 2007

----- LOCATION=KINSTON,NC TTYPE=UVIII -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	39.1710	0.00000	4.00000	38.3333	.	14.1	.	.
2	COOK	3	40.1940	-4.00000	3.33333	35.3333	.	17.3	.	.
3	Au02-2814	3	49.3185	-3.00000	2.50000	37.5000	.	14.2	.	.
4	Au02-3223	3	46.2165	-2.33333	3.00000	37.5000	.	16.5	.	.
5	G00-3364	3	40.0950	-1.00000	2.83333	38.6667	.	16.8	.	.
6	G03-680 RR	3	44.3355	-2.00000	3.00000	39.5000	.	15.8	.	.
7	G03-825 RR	3	49.0710	-2.83333	3.25000	37.0000	.	14.5	.	.
8	G03-889 RR	3	.	-2.66667	3.50000	31.0000	.	15.9	.	.
9	G03-899 RR	3	40.0070	-3.33333	3.00000	34.6667	.	15.2	.	.
10	G03-952 RR	3	40.2160	-2.33333	3.00000	35.3333	.	18.6	.	.
11	G04-G2261RR	3	43.3290	-4.00000	3.00000	34.6667	.	15.6	.	.
12	N97-9612	3	47.2725	-4.33333	3.00000	36.5000	.	16.2	.	.
13	N00-377	3	41.1510	2.66667	3.75000	33.0000	.	14.3	.	.
14	NTC02AXB-717	3	35.5575	-0.33333	4.00000	33.0000
15	SC01-803RR	3	38.9895	-1.00000	2.25000	38.0000	.	17.1	.	.
16	SC01-809RR	3	42.0585	-4.00000	2.25000	31.5000	.	17.0	.	.
17	SC02-134RR	3	40.0070	-3.33333	4.16667	35.3333	.	16.2	.	.
18	SC02-163RR	3	38.2910	-0.33333	3.00000	39.3333	.	14.1	.	.

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LIST OF VARIETY MEANS 11:58 Thursday, February 1, 2007

----- LOCATION=PLAINS,GA TTYPE=UVIII -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	51.4064	.	2.33333	44.3333	1.83333	11.9333	45.3	18.4
2	COOK	3	62.0953	.	2.00000	38.6667	2.00000	15.7667	43.2	19.0
3	Au02-2814	3	69.1085	.	2.00000	41.3333	1.83333	14.2667	39.5	20.4
4	Au02-3223	3	70.6037	.	1.66667	41.0000	2.00000	15.3333	40.8	19.9
5	G00-3364	3	61.9262	.	1.66667	43.0000	1.83333	15.8000	44.3	19.6
6	G03-680 RR	3	55.4025	.	2.00000	46.6667	2.00000	14.2667	43.5	19.8
7	G03-825 RR	3	61.9262	.	1.33333	41.6667	2.00000	13.6667	42.5	19.0
8	G03-889 RR	3	55.7318	.	2.33333	43.0000	1.83333	15.8667	42.9	19.5
9	G03-899 RR	3	61.0362	.	2.00000	42.3333	2.16667	14.7667	45.1	18.9
10	G03-952 RR	3	55.4915	.	2.00000	43.3333	2.50000	15.2667	43.8	20.6
11	G04-G2261RR	3	65.1035	.	1.66667	39.3333	1.83333	15.2333	45.0	18.9
12	N97-9612	3	69.7048	.	3.00000	40.6667	2.00000	16.6667	41.8	18.5
13	N00-377	3	69.0640	.	1.66667	41.6667	2.00000	18.0000	42.9	18.9
14	NTC02AXB-717	3	49.3327	.	2.33333	40.3333	1.83333	6.5667	45.8	16.7
15	SC01-803RR	3	58.5976	.	1.33333	44.6667	1.83333	15.2667	43.5	18.9
16	SC01-809RR	3	54.4324	.	1.00000	44.0000	1.83333	15.5667	43.0	19.8
17	SC02-134RR	3	53.2309	.	2.00000	41.6667	2.00000	15.3000	46.3	18.7
18	SC02-163RR	3	44.9628	.	2.66667	44.3333	2.00000	13.6333	42.8	18.7

2005 REGIONAL SOYBEAN TEST - Local Anova 10

LIST OF VARIETY MEANS 11:58 Thursday, February 1, 2007

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	53.3199	0.00000	0	37.6667	1	14.8	44.5	18.1
2	COOK	3	51.3619	-8.33333	0	37.0000	1	16.3	43.6	18.9
3	Au02-2814	3	63.2256	-7.66667	0	37.6667	1	15.9	39.6	21.4
4	Au02-3223	3	56.6307	-7.00000	0	35.3333	1	16.1	41.7	19.4
5	G00-3364	3	55.4114	-8.33333	0	35.0000	1	16.1	43.8	19.5
6	G03-680 RR	3	50.9970	-6.33333	0	42.3333	1	15.4	43.2	19.2
7	G03-825 RR	3	57.0490	-3.33333	0	38.3333	1	15.4	43.2	18.0
8	G03-889 RR	3	49.9735	-8.33333	0	41.6667	1	16.6	41.8	19.8
9	G03-899 RR	3	57.4317	-6.33333	0	39.3333	1	16.2	45.3	17.7
10	G03-952 RR	3	54.5125	-7.00000	0	37.0000	1	18.1	43.4	20.0
11	G04-G2261RR	3	62.5848	-7.66667	0	38.6667	1	15.0	43.7	18.4
12	N97-9612	3	55.8119	-7.00000	0	34.3333	1	16.2	42.2	18.1
13	N00-377	3	59.9237	-4.00000	0	32.6667	1	17.4	43.9	19.3
14	NTC02AXB-717	3	47.5527	-5.66667	0	31.3333	1	7.2	44.4	17.4
15	SC01-803RR	3	53.2487	-4.33333	0	36.3333	1	16.7	45.1	17.9
16	SC01-809RR	3	44.6602	-5.66667	0	31.3333	1	16.3	42.2	18.8
17	SC02-134RR	3	49.3060	-7.00000	0	38.3333	1	15.9	46.0	19.2
18	SC02-163RR	3	56.7464	-5.66667	0	41.0000	1	13.9	42.7	18.4

2005 REGIONAL SOYBEAN TEST - Local Anova 11
 LIST OF VARIETY MEANS 11:58 Thursday, February 1, 2007

----- LOCATION=TALLASSEE,AL(B) TTYPE=UVIII -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	38.2878	-0.00000	1	28.0000	1	11.1	40.7	19.7
2	COOK	3	20.9951	-5.00000	1	21.6667	1	15.7	42.6	19.0
3	Au02-2814	3	26.1215	-5.66667	1	24.0000	1	13.2	39.0	21.3
4	Au02-3223	3	23.5227	-5.00000	1	21.3333	1	13.6	38.2	20.7
5	G00-3364	3	30.4291	-5.66667	1	22.6667	1	14.5	42.5	19.3
6	G03-680 RR	3	24.9111	-4.66667	1	24.5000	1	13.3	39.9	20.3
7	G03-825 RR	3	19.7491	-4.33333	1	23.0000	1	13.2	38.9	18.5
8	G03-889 RR	3	22.1610	-3.66667	1	26.6667	1	15.5	40.4	19.0
9	G03-899 RR	3	29.1564	-5.00000	1	24.6667	1	12.6	41.0	19.6
10	G03-952 RR	3	41.6431	-3.66667	1	27.6667	1	14.8	41.7	20.7
11	G04-G2261RR	3	20.7726	-3.66667	1	23.6667	1	13.7	40.4	19.9
12	N97-9612	3	28.1329	-4.33333	1	21.0000	1	15.1	41.5	18.5
13	N00-377	3	18.5031	-1.66667	1	20.6667	1	16.9	40.3	20.3
14	NTC02AXB-717	3	27.7057	-1.66667	1	18.6667	1	6.1	44.8	17.2
15	SC01-803RR	3	27.0827	-4.33333	1	26.6667	1	14.2	42.5	17.9
16	SC01-809RR	3	17.6220	-4.33333	1	21.6667	1	15.6	38.8	18.5
17	SC02-134RR	3	28.3999	-3.66667	1	22.3333	1	14.1	41.8	19.6
18	SC02-163RR	3	36.0895	-2.66667	1	30.0000	1	13.0	40.5	19.2

2005 REGIONAL SOYBEAN TEST - Local Anova 12
 LIST OF VARIETY MEANS 11:58 Thursday, February 1, 2007

----- LOCATION=TIFTON,GA TTYPE=UVIII -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	34.0000	0.00000	2.66667	40.0000	1.50000	10.6	.	.
2	COOK	3	48.2333	-4.33333	2.00000	39.3333	1.83333	13.2	.	.
3	Au02-2814	3	51.6333	-2.33333	1.66667	38.0000	2.00000	11.2	.	.

4	Au02-3223	3	50.0000	-2.33333	2.00000	39.3333	1.66667	11.6	.	.
5	G00-3364	3	57.7333	-4.00000	1.66667	35.3333	1.66667	13.3	.	.
6	G03-680 RR	3	44.7000	-0.66667	2.00000	43.3333	1.66667	10.8	.	.
7	G03-825 RR	3	44.5000	-1.66667	1.33333	39.3333	1.50000	12.7	.	.
8	G03-889 RR	3	42.4000	-3.33333	1.33333	39.3333	2.16667	12.3	.	.
9	G03-899 RR	3	40.4667	-3.33333	1.33333	38.6667	1.66667	10.8	.	.
10	G03-952 RR	3	47.2667	-3.33333	1.33333	36.6667	1.83333	14.0	.	.
11	G04-G2261RR	3	48.6333	-4.00000	2.00000	38.6667	1.50000	12.2	.	.
12	N97-9612	3	52.2000	-3.33333	2.00000	36.0000	1.83333	12.9	.	.
13	N00-377	3	54.0667	-3.66667	1.66667	32.0000	1.83333	13.2	.	.
14	NTC02AXB-717	3	34.6000	-2.00000	2.00000	34.6667	1.50000	14.9	.	.
15	SC01-803RR	3	44.9667	-3.33333	1.33333	40.0000	2.16667	12.3	.	.
16	SC01-809RR	3	44.2333	-1.66667	1.00000	34.0000	2.16667	13.4	.	.
17	SC02-134RR	3	40.7333	-2.33333	2.00000	38.6667	1.50000	11.9	.	.
18	SC02-163RR	3	36.5000	-0.33333	1.33333	42.6667	1.50000	11.1	.	.

2005 REGIONAL SOYBEAN TEST - Local Anova 13
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=ATHENS,GA(A) TTYPE=UVIII -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	18	Au02-2814 Au02-3223 C00K G00-3364 G03-680 RR G03-825 RR G03-889 RR G03-899 RR G03-952 RR G04-G2261RR N00-377 N97-9612 NTC02AXB-717 PRICHARD RR SC01-803RR SC01-809RR SC02-134RR SC02-163RR
REP	3	1 2 3

Number of Observations Read 54
 Number of Observations Used 54

2005 REGIONAL SOYBEAN TEST - Local Anova 14
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=ATHENS,GA(A) TTYPE=UVIII -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	19	1258.540138	66.238955	2.30	0.0166
Error	34	978.122520	28.768309		
Corrected Total	53	2236.662658			

R-Square 0.562687
 Coeff Var 13.90826
 Root MSE 5.363610
 YIELD Mean 38.56419

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	10.912075	5.456038	0.19	0.8281
VARIETY	17	1247.628063	73.389886	2.55	0.0098

2005 REGIONAL SOYBEAN TEST - Local Anova 15
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=ATHENS,GA(A) TTYPE=UVIII -----

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 34
 Error Mean Square 28.76831
 Critical Value of t 2.03224
 Least Significant Difference 8.8999

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	45.497	3	G00-3364
A			
A	45.203	3	SC01-803RR
A			
A	45.168	3	PRICHARD RR
A			
B	42.934	3	G03-952 RR
B			
B	42.560	3	Au02-3223
B			
B	41.367	3	G03-680 RR
B			
B	39.365	3	SC02-163RR
B			
B	39.302	3	N00-377
B			
B	38.768	3	G03-899 RR
B			
B	38.697	3	N97-9612
B			
B	38.439	3	SC01-809RR
B			
B	38.163	3	SC02-134RR
B			
B	36.632	3	G03-825 RR
B			
B	35.502	3	Au02-2814
B			
B	34.933	3	G03-889 RR

----- LOCATION=ATHENS,GA(A) TTYPE=UVIII -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
D E C	32.725	3	COOK
D E	31.604	3	G04-G2261RR
E	27.296	3	NTC02AXB-717

2005 REGIONAL SOYBEAN TEST - Local Anova 17
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=BLACKVILLE,SC(B) TTYPE=UVIII -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	18	Au02-2814 Au02-3223 COOK G00-3364 G03-680 RR G03-825 RR G03-889 RR G03-899 RR G03-952 RR G04-G2261RR N00-377 N97-9612 NTC02AXB-717 PRICHARD RR SC01-803RR SC01-809RR SC02-134RR SC02-163RR
REP	3	1 2 3

Number of Observations Read 54
 Number of Observations Used 54

2005 REGIONAL SOYBEAN TEST - Local Anova 18
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=BLACKVILLE,SC(B) TTYPE=UVIII -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	19	480.0225792	25.2643463	3.15	0.0017
Error	34	272.6919417	8.0203512		
Corrected Total	53	752.7145208			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.637722	8.336493	2.832022	33.97139

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	9.6583083	4.8291542	0.60	0.5534
VARIETY	17	470.3642708	27.6684865	3.45	0.0010

2005 REGIONAL SOYBEAN TEST - Local Anova 19
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=BLACKVILLE,SC(B) TTYPE=UVIII -----

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	34
Error Mean Square	8.020351
Critical Value of t	2.03224
Least Significant Difference	4.6992

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	40.565	3	G00-3364
A			
B A	37.100	3	N00-377
B A			
B A	36.680	3	PRICHARD RR
B			
B C	35.385	3	COOK
B C			
B C	35.385	3	SC01-809RR
B C			
B C D	35.280	3	SC02-163RR
B C D			
B C D	35.105	3	G03-889 RR
B C D			
B C D	35.070	3	Au02-2814
B C D			
B C D	34.580	3	SC01-803RR
B C D			
B C D	34.335	3	N97-9612
B C D			
B C D	34.125	3	SC02-134RR
B C D			
B C D	33.635	3	G03-825 RR
B C D			
B C D	33.600	3	Au02-3223
C D			

E	C	D	31.150	3	G04-G2261RR
E	C	D			
E	C	D	31.115	3	G03-680 RR

2005 REGIONAL SOYBEAN TEST - Local Anova 20
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=BLACKVILLE,SC(B) TTYPE=UVIII -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
E C D			
E C D	30.835	3	G03-899 RR
E D			
E D	30.660	3	NTC02AXB-717
E			
E	26.880	3	G03-952 RR

2005 REGIONAL SOYBEAN TEST - Local Anova 21
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=CLEMSON,SC TTYPE=UVIII -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	18	Au02-2814 Au02-3223 COOK G00-3364 G03-680 RR G03-825 RR G03-889 RR G03-899 RR G03-952 RR G04-G2261RR N00-377 N97-9612 NTC02AXB-717 PRICHARD RR SC01-803RR SC01-809RR SC02-134RR SC02-163RR
REP	3	1 2 3

Number of Observations Read 54
 Number of Observations Used 54

2005 REGIONAL SOYBEAN TEST - Local Anova 22
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=CLEMSON,SC TTYPE=UVIII -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	19	1007.324442	53.017076	2.63	0.0068

Error	34	685.151892	20.151526
Corrected Total	53	1692.476333	

R-Square	Coeff Var	Root MSE	YIELD Mean
0.595178	8.307491	4.489045	54.03611

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	73.8017583	36.9008792	1.83	0.1757
VARIETY	17	933.5226833	54.9130990	2.73	0.0063

2005 REGIONAL SOYBEAN TEST - Local Anova 23
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=CLEMSON,SC TTYPE=UVIII -----

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	34
Error Mean Square	20.15153
Critical Value of t	2.03224
Least Significant Difference	7.4488

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	58.695	3	N97-9612
A			
A	58.555	3	G03-825 RR
A			
A	57.855	3	G00-3364
A			
B	57.085	3	Au02-3223
B			
B	56.875	3	G03-899 RR
B			
B	56.385	3	Au02-2814
B			
B	54.985	3	SC01-803RR
B			
B	54.950	3	G03-680 RR
B			
B	54.425	3	G03-952 RR
B			
B	54.425	3	PRICHARD RR
B			
B	54.285	3	SC02-134RR

B	A			
B	A	53.935	3	N00-377
B	A			
B	A	53.410	3	G04-G2261RR
B	A			
B	A	53.165	3	G03-889 RR
B	A			
B	A	52.430	3	COOK

2005 REGIONAL SOYBEAN TEST - Local Anova 24
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=CLEMSON,SC TTYPE=UVIII -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
B A			
B A	51.520	3	SC01-809RR
B			
B	49.840	3	SC02-163RR
C	39.830	3	NTC02AXB-717

2005 REGIONAL SOYBEAN TEST - Local Anova 25
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=FAIRHOPE,AL TTYPE=UVIII -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	18	Au02-2814 Au02-3223 COOK G00-3364 G03-680 RR G03-825 RR G03-889 RR G03-899 RR G03-952 RR G04-G2261RR N00-377 N97-9612 NTC02AXB-717 PRICHARD RR SC01-803RR SC01-809RR SC02-134RR SC02-163RR
REP	3	1 2 3

Number of Observations Read 54
 Number of Observations Used 54

2005 REGIONAL SOYBEAN TEST - Local Anova 26
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=FAIRHOPE,AL TTYPE=UVIII -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	19	1501.648796	79.034147	2.39	0.0131
Error	34	1125.038052	33.089354		
Corrected Total	53	2626.686848			

R-Square Coeff Var Root MSE YIELD Mean
0.571689 7.447352 5.752335 77.24000

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	142.442866	71.221433	2.15	0.1318
VARIETY	17	1359.205931	79.953290	2.42	0.0140

2005 REGIONAL SOYBEAN TEST - Local Anova 27
ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=FAIRHOPE,AL TTYPE=UVIII -----

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 34
Error Mean Square 33.08935
Critical Value of t 2.03224
Least Significant Difference 9.545

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	86.197	3	G03-889 RR
A			
B A	83.291	3	Au02-2814
B A			
B A C	82.565	3	G00-3364
B A C			
B D A C	81.840	3	SC01-809RR
B D A C			
E B D A C	81.109	3	Au02-3223
E B D A C			
E B D A C	80.629	3	N00-377
E B D A C			
E B D A C	79.659	3	N97-9612
E B D A C			
E B D A C	79.179	3	G03-680 RR
E B D A C			

E	B	D	A	C	78.933	3	G04-G2261RR
E	B	D	A	C			
E	B	D	A	C	78.453	3	SC01-803RR
E	B	D		C			
E	B	D	F	C	74.091	3	COOK
E	B	D	F	C			
E	B	D	F	C	73.856	3	G03-899 RR
E	B	D	F	C			
E	B	D	F	C	73.851	3	G03-952 RR
E		D	F	C			
E		D	F	C	73.611	3	SC02-134RR
E		D	F				
E		D	F		72.880	3	G03-825 RR

2005 REGIONAL SOYBEAN TEST - Local Anova 28
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=FAIRHOPE,AL TTYPE=UVIII -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
E D F			
E D F	72.400	3	SC02-163RR
E F			
E F	71.915	3	PRICHARD RR
E F			
E F	65.861	3	NTC02AXB-717

2005 REGIONAL SOYBEAN TEST - Local Anova 29
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=FLORENCE,SC TTYPE=UVIII -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	18	Au02-2814 Au02-3223 COOK G00-3364 G03-680 RR G03-825 RR G03-889 RR G03-899 RR G03-952 RR G04-G2261RR N00-377 N97-9612 NTC02AXB-717 PRICHARD RR SC01-803RR SC01-809RR SC02-134RR SC02-163RR
REP	3	1 2 3

Number of Observations Read 54
 Number of Observations Used 54

2005 REGIONAL SOYBEAN TEST - Local Anova 30
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=FLORENCE,SC TTYPE=UVIII -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	19	594.4657542	31.2876713	2.72	0.0053
Error	34	391.0134667	11.5003961		
Corrected Total	53	985.4792208			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.603225	7.796762	3.391223	43.49528

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	111.7412333	55.8706167	4.86	0.0139
VARIETY	17	482.7245208	28.3955600	2.47	0.0122

2005 REGIONAL SOYBEAN TEST - Local Anova 31
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=FLORENCE,SC TTYPE=UVIII -----

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	34
Error Mean Square	11.5004
Critical Value of t	2.03224
Least Significant Difference	5.6271

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	50.470	3	Au02-2814
A			
B A	47.880	3	Au02-3223
B A			
B A C	46.585	3	G04-G2261RR
B A C			
B D A C	46.200	3	SC02-134RR
B D A C			
E B D A C	45.535	3	G00-3364
E B D C			
E B D C	44.555	3	G03-889 RR

E	B	D	C			
E	B	D	F	C	43.995	3 N97-9612
E	B	D	F	C		
E	B	D	F	C	43.925	3 SC01-803RR
E	B	D	F	C		
E	B	D	F	C	43.820	3 G03-825 RR
E	B	D	F	C		
E	B	D	F	C	43.750	3 SC02-163RR
E	B	D	F	C		
E	B	D	F	C	42.805	3 PRICHARD RR
E		D	F	C		
E		D	F	C	41.755	3 G03-952 RR
E		D	F	C		
E		D	F	C	41.265	3 N00-377
E		D	F			
E		D	F		40.740	3 COOK
E		D	F			
E		D	F		40.635	3 SC01-809RR

2005 REGIONAL SOYBEAN TEST - Local Anova 32
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=FLORENCE,SC TTYPE=UVIII -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
E			F
E	40.495	3	G03-899 RR
E			F
E	39.970	3	G03-680 RR
			F
	38.535	3	NTC02AXB-717

2005 REGIONAL SOYBEAN TEST - Local Anova 33
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=KINSTON,NC TTYPE=UVIII -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	18	Au02-2814 Au02-3223 COOK G00-3364 G03-680 RR G03-825 RR G03-889 RR G03-899 RR G03-952 RR G04-G2261RR N00-377 N97-9612 NTC02AXB-717 PRICHARD RR SC01-803RR SC01-809RR SC02-134RR SC02-163RR
REP	3	1 2 3

Number of Observations Read 54
 Number of Observations Used 42

----- LOCATION=KINSTON,NC TTYPE=UVIII -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	18	597.350811	33.186156	1.69	0.1169
Error	23	451.209148	19.617789		
Corrected Total	41	1048.559959			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.569687	10.61872	4.429197	41.71121

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	64.4521355	32.2260677	1.64	0.2154
VARIETY	16	532.8986756	33.3061672	1.70	0.1202

----- LOCATION=KINSTON,NC TTYPE=UVIII -----

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	23
Error Mean Square	19.61779
Critical Value of t	2.06866
Least Significant Difference	8.4132
Harmonic Mean of Cell Sizes	2.372093

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	49.319	2	Au02-2814
A			
A	49.071	2	G03-825 RR

Class	Levels	Values		
B	A	47.273		
B	A	2		
B	A	N97-9612		
B	A	C	46.217	
B	A	C	2	
B	A	C	Au02-3223	
B	A	C	44.336	
B	A	C	2	
B	A	C	G03-680 RR	
B	A	C	43.329	
B	A	C	3	
B	A	C	G04-G2261RR	
B	D	A	C	42.059
B	D	A	C	2
B	D	A	C	SC01-809RR
B	D	A	C	41.151
B	D	A	C	2
B	D	A	C	N00-377
B	D	C	40.216	
B	D	C	3	
B	D	C	G03-952 RR	
B	D	C	40.194	
B	D	C	3	
B	D	C	COOK	
B	D	C	40.095	
B	D	C	3	
B	D	C	G00-3364	
B	D	C	40.007	
B	D	C	3	
B	D	C	SC02-134RR	
B	D	C	40.007	
B	D	C	3	
B	D	C	G03-899 RR	
B	D	C	40.007	
B	D	C	3	
B	D	C	G03-899 RR	

2005 REGIONAL SOYBEAN TEST - Local Anova 36
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=KINSTON,NC TTYPE=UVIII -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
B D C	39.171	3	PRICHARD RR
B D C	38.990	2	SC01-803RR
D C	38.291	3	SC02-163RR
D C	35.558	2	NTC02AXB-717

2005 REGIONAL SOYBEAN TEST - Local Anova 37
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=PLAINS,GA TTYPE=UVIII -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	18	Au02-2814 Au02-3223 COOK G00-3364 G03-680 RR G03-825 RR G03-889 RR G03-899 RR G03-952 RR G04-G2261RR N00-377 N97-9612 NTC02AXB-717 PRICHARD RR SC01-803RR SC01-809RR SC02-134RR SC02-163RR

	A		70.604	3	Au02-3223
	A				
B	A		69.705	3	N97-9612
B	A				
B	A		69.109	3	Au02-2814
B	A				
B	A		69.064	3	N00-377
B	A				
B	C		65.104	3	G04-G2261RR
	C				
D	C		62.095	3	COOK
D	C				
D	C		61.926	3	G00-3364
D	C				
D	C		61.926	3	G03-825 RR
D	C				
D	C	E	61.036	3	G03-899 RR
D		E			
D	F	E	58.598	3	SC01-803RR
	F	E			
G	F	E	55.732	3	G03-889 RR
G	F				
G	F		55.492	3	G03-952 RR
G	F				
G	F		55.403	3	G03-680 RR
G	F				
G	F	H	54.432	3	SC01-809RR
G	F	H			
G	F	H	53.231	3	SC02-134RR

2005 REGIONAL SOYBEAN TEST - Local Anova 40
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=PLAINS,GA TTYPE=UVIII -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
G	H			
G	H	51.406	3	PRICHARD RR
	H			
I	H	49.333	3	NTC02AXB-717
I				
I		44.963	3	SC02-163RR

2005 REGIONAL SOYBEAN TEST - Local Anova 41
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

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

The ANOVA Procedure

Class Level Information

```

Class      Levels  Values
VARIETY    18  Au02-2814 Au02-3223 COOK G00-3364 G03-680 RR G03-825 RR G03-889 RR
          G03-899 RR G03-952 RR G04-G2261RR N00-377 N97-9612 NTC02AXB-717
          PRICHARD RR SC01-803RR SC01-809RR SC02-134RR SC02-163RR
REP        3   1 2 3

```

```

Number of Observations Read      54
Number of Observations Used      54

```

```

2005 REGIONAL SOYBEAN TEST - Local Anova      42
ANALYSIS OF YIELD      11:58 Thursday, February 1, 2007

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

```

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	19	1346.704789	70.879199	2.05	0.0331
Error	34	1174.759365	34.551746		
Corrected Total	53	2521.464154			

```

R-Square      Coeff Var      Root MSE      YIELD Mean
0.534096      10.79924      5.878073      54.43042

```

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	99.633691	49.816846	1.44	0.2506
VARIETY	17	1247.071098	73.357123	2.12	0.0303

```

2005 REGIONAL SOYBEAN TEST - Local Anova      43
ANALYSIS OF YIELD      11:58 Thursday, February 1, 2007

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

```

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      34
Error Mean Square      34.55175
Critical Value of t      2.03224
Least Significant Difference      9.7536

```

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	A	63.226	3	Au02-2814
	A			
B	A	62.585	3	G04-G2261RR
B	A			
B	A C	59.924	3	N00-377
B	A C			
B D	A C	57.432	3	G03-899 RR
B D	A C			
E B D	A C	57.049	3	G03-825 RR
E B D	A C			
E B D	A C	56.746	3	SC02-163RR
E B D	A C			
E B D	A C	56.631	3	Au02-3223
E B D	A C			
E B D	A C	55.812	3	N97-9612
E B D	A C			
E B D	A C	55.411	3	G00-3364
E B D	A C			
E B D	A C	54.513	3	G03-952 RR
E B D	C			
E B D	F C	53.320	3	PRICHARD RR
E B D	F C			
E B D	F C	53.249	3	SC01-803RR
E	D F C			
E	D F C	51.362	3	COOK
E	D F C			
E	D F C	50.997	3	G03-680 RR
E	D F			
E	D F	49.974	3	G03-889 RR

2005 REGIONAL SOYBEAN TEST - Local Anova 44
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

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

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
E	D F			
E	D F	49.306	3	SC02-134RR
E	F			
E	F	47.553	3	NTC02AXB-717
	F			
	F	44.660	3	SC01-809RR

2005 REGIONAL SOYBEAN TEST - Local Anova 45
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=TALLASSEE,AL(B) TTYPE=UVIII -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	18	Au02-2814 Au02-3223 COOK G00-3364 G03-680 RR G03-825 RR G03-889 RR G03-899 RR G03-952 RR G04-G2261RR N00-377 N97-9612 NTC02AXB-717 PRICHARD RR SC01-803RR SC01-809RR SC02-134RR SC02-163RR
REP	3	1 2 3

Number of Observations Read 54
 Number of Observations Used 53

2005 REGIONAL SOYBEAN TEST - Local Anova 46
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=TALLASSEE,AL(B) TTYPE=UVIII -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	19	2357.676110	124.088216	1.16	0.3450
Error	33	3531.448836	107.013601		
Corrected Total	52	5889.124945			

R-Square 0.400344
 Coeff Var 38.63935
 Root MSE 10.34474
 YIELD Mean 26.77254

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	46.344089	23.172044	0.22	0.8064
VARIETY	17	2311.332021	135.960707	1.27	0.2699

2005 REGIONAL SOYBEAN TEST - Local Anova 47
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=TALLASSEE,AL(B) TTYPE=UVIII -----

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 33

Error Mean Square 107.0136
 Critical Value of t 2.03452
 Least Significant Difference 17.421
 Harmonic Mean of Cell Sizes 2.918919

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	41.643	3	G03-952 RR
B A	38.288	3	PRICHARD RR
B A C	36.090	3	SC02-163RR
B D A C	30.429	3	G00-3364
B D A C	29.156	3	G03-899 RR
B D A C	28.400	3	SC02-134RR
B D A C	28.133	3	N97-9612
B D A C	27.706	3	NTC02AXB-717
B D A C	27.083	3	SC01-803RR
B D A C	26.122	3	Au02-2814
B D A C	24.911	2	G03-680 RR
B D C	23.523	3	Au02-3223
B D C	22.161	3	G03-889 RR
B D C			

2005 REGIONAL SOYBEAN TEST - Local Anova 48
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=TALLASSEE,AL(B) TTYPE=UVIII -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
B D C	20.995	3	COOK
D C	20.773	3	G04-G2261RR
D C	19.749	3	G03-825 RR
D C	18.503	3	N00-377

D
 D 17.622 3 SC01-809RR

2005 REGIONAL SOYBEAN TEST - Local Anova 49
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=TIFTON,GA TTYPE=UVIII -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	18	Au02-2814 Au02-3223 COOK G00-3364 G03-680 RR G03-825 RR G03-889 RR G03-899 RR G03-952 RR G04-G2261RR N00-377 N97-9612 NTC02AXB-717 PRICHARD RR SC01-803RR SC01-809RR SC02-134RR SC02-163RR
REP	3	1 2 3

Number of Observations Read 54
 Number of Observations Used 54

2005 REGIONAL SOYBEAN TEST - Local Anova 50
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=TIFTON,GA TTYPE=UVIII -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	19	2560.270741	134.751092	6.78	<.0001
Error	34	675.990741	19.882081		
Corrected Total	53	3236.261481			

R-Square Coeff Var Root MSE YIELD Mean
 0.791120 9.825445 4.458933 45.38148

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	342.635926	171.317963	8.62	0.0009
VARIETY	17	2217.634815	130.449107	6.56	<.0001

2005 REGIONAL SOYBEAN TEST - Local Anova 51
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=TIFTON,GA TTYPE=UVIII -----

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 34
 Error Mean Square 19.88208
 Critical Value of t 2.03224
 Least Significant Difference 7.3988

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	57.733	3	G00-3364
A			
B A	54.067	3	N00-377
B A			
B A C	52.200	3	N97-9612
B A C			
B D A C	51.633	3	Au02-2814
B D C			
B D E C	50.000	3	Au02-3223
B D E C			
F B D E C	48.633	3	G04-G2261RR
F B D E C			
F B D E C	48.233	3	COOK
F B D E C			
F B D E C G	47.267	3	G03-952 RR
F D E C G			
F D E C G	44.967	3	SC01-803RR
F D E G			
F D E G	44.700	3	G03-680 RR
F D E G			
F D E G	44.500	3	G03-825 RR
F E G			
F E G	44.233	3	SC01-809RR
F G			
F H G	42.400	3	G03-889 RR
F H G			
I H G	40.733	3	SC02-134RR
I H G			
I H G	40.467	3	G03-899 RR

2005 REGIONAL SOYBEAN TEST - Local Anova 52
 ANALYSIS OF YIELD 11:58 Thursday, February 1, 2007

----- LOCATION=TIFTON,GA TTYPE=UVIII -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
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I	H			
I	H	36.500	3	SC02-163RR
I				
I		34.600	3	NTC02AXB-717
I				
I		34.000	3	PRICHARD RR