

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

13:56 Wednesday, February 1, 2006

LOCATION	TTYPE	VARIETY	REP	CKDATE
ATHENS ,GA (A)	UVIII	PRICHARD RR	.	10/24
		PRICHARD RR	1	10/23
		PRICHARD RR	2	10/24
		PRICHARD RR	3	10/27
ATHENS ,GA (B)	UVIII	PRICHARD RR	.	11/05
		PRICHARD RR	1	11/05
		PRICHARD RR	2	11/06
		PRICHARD RR	3	11/04
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	.	10/30
		PRICHARD RR	1	11/06
		PRICHARD RR	2	11/12
		PRICHARD RR	3	10/11
FLORENCE ,SC	UVIII	PRICHARD RR	.	10/27
		PRICHARD RR	1	10/25
		PRICHARD RR	2	10/28
		PRICHARD RR	3	10/28
KINSTON ,NC	UVIII	PRICHARD RR	.	11/09
		PRICHARD RR	1	11/09
		PRICHARD RR	2	11/09
		PRICHARD RR	3	11/09
PLAINS ,GA	UVIII	PRICHARD RR	.	.
		PRICHARD RR	1	.
		PRICHARD RR	2	.
		PRICHARD RR	3	.
TALLASSEE ,AL (A)	UVIII	PRICHARD RR	.	10/27
		PRICHARD RR	1	10/28
		PRICHARD RR	2	10/28
		PRICHARD RR	3	10/26

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LIST OF CHECK MATURITY DATES FOR EACH TEST

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LOCATION	TTYPE	VARIETY	REP	CKDATE
TALLASSEE,AL(B)	UVIII	PRICHARD RR	.	11/02
		PRICHARD RR	1	11/02
		PRICHARD RR	2	11/02
		PRICHARD RR	3	11/04
TIFTON,GA	UVIII	PRICHARD RR	.	10/28
		PRICHARD RR	1	10/29
		PRICHARD RR	2	10/29
		PRICHARD RR	3	10/27

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	39.8720	-0.0000	1.66667	36.6667	2.00000	11.0667	.	.
2	COOK	3	42.4619	-3.6667	1.00000	34.3333	2.16667	12.7333	.	.
3	G00-3364	3	55.8297	-0.6667	1.00000	32.6667	1.83333	13.0333	.	.
4	G00-3880	3	45.6570	-5.0000	1.00000	32.6667	2.00000	12.6333	.	.
5	G00-4071	3	39.3380	-3.6667	1.00000	32.3333	2.16667	12.6000	.	.
6	G03-695 RR	3	38.0653	-5.0000	1.00000	33.3333	2.00000	13.3667	.	.
7	G03-952 RR	3	43.4676	-3.6667	1.00000	33.6667	2.33333	14.6667	.	.
8	G04-G2261 RR	3	49.4573	-10.0000	1.33333	32.6667	1.83333	11.5333	.	.
9	N96-6752	3	42.1682	-4.3333	1.00000	28.6667	2.00000	11.9333	.	.
10	N97-9612	3	42.2305	-5.6667	1.33333	34.0000	2.00000	12.5000	.	.
11	N98-7961	3	40.2369	-4.6667	1.00000	29.0000	2.00000	11.8000	.	.
12	NTC02AXB-717	3	33.5708	-1.6667	1.33333	32.3333	1.50000	5.5667	.	.
13	SC00-643RR	3	40.6018	-4.0000	1.00000	35.3333	1.83333	14.3333	.	.
14	SC01-803RR	3	38.4925	-2.0000	1.00000	34.6667	1.83333	13.2000	.	.
15	SC01-805RR	3	38.1632	-3.3333	1.00000	33.3333	2.00000	12.8333	.	.
16	SC01-809RR	3	39.8364	2.3333	1.00000	33.0000	2.16667	13.2667	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	52.5367	0.00000	2.33333	33.0000	1.83333	13.8333	.	.
2	COOK	3	55.0643	-3.66667	1.66667	33.3333	1.83333	15.4000	.	.
3	G00-3364	3	61.8016	-1.33333	1.66667	30.6667	1.66667	16.1333	.	.
4	G00-3880	3	58.4285	-7.33333	1.33333	29.0000	1.83333	14.7333	.	.
5	G00-4071	3	55.0020	-2.00000	1.00000	30.6667	1.70000	13.7667	.	.
6	G03-695 RR	3	51.8336	-2.66667	1.66667	33.3333	1.83333	15.0667	.	.
7	G03-952 RR	3	49.7332	-3.66667	1.66667	31.3333	2.00000	15.8667	.	.
8	G04-G2261 RR	3	58.7044	-3.66667	1.33333	29.6667	1.50000	14.5333	.	.
9	N96-6752	3	59.6656	-2.66667	2.33333	26.3333	1.83333	15.1667	.	.
10	N97-9612	3	57.6275	-4.66667	1.66667	29.0000	1.50000	15.2333	.	.
11	N98-7961	3	55.3046	0.00000	2.66667	27.6667	1.66667	14.8000	.	.
12	NTC02AXB-717	3	49.2615	0.33333	1.33333	26.3333	1.50000	6.5667	.	.
13	SC00-643RR	3	53.2309	-2.66667	1.33333	31.0000	1.66667	15.1667	.	.
14	SC01-803RR	3	53.4000	-4.33333	1.00000	30.3333	1.66667	14.2000	.	.
15	SC01-805RR	3	52.5634	-5.33333	1.00000	32.0000	1.50000	13.8667	.	.
16	SC01-809RR	3	54.4057	-4.33333	1.00000	29.6667	1.66667	14.4000	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	25.3813	.	.	20.6667	.	.	.	.
2	COOK	3	27.5063	.	.	22.3333	.	.	.	.
3	G00-3364	3	27.5484	.	.	23.3333	.	.	.	.
4	G00-3880	3	21.9097	.	.	19.0000	.	.	.	.
5	G00-4071	3	30.1854	.	.	20.6667	.	.	.	.
6	G03-695 RR	3	26.1667	.	.	23.3333	.	.	.	.
7	G03-952 RR	3	23.8874	.	.	24.0000	.	.	.	.
8	G04-G2261 RR	3	24.9043	.	.	20.6667	.	.	.	.
9	N96-6752	3	19.0763	.	.	20.3333	.	.	.	.
10	N97-9612	3	29.9049	.	.	23.3333	.	.	.	.
11	N98-7961	3	23.6560	.	.	18.6667	.	.	.	.
12	NTC02AXB-717	3	19.8477	.	.	18.6667	.	.	.	.
13	SC00-643RR	3	29.7926	.	.	24.0000	.	.	.	.
14	SC01-803RR	3	23.4947	.	.	20.3333	.	.	.	.
15	SC01-805RR	3	27.6957	.	.	23.0000	.	.	.	.
16	SC01-809RR	3	25.6618	.	.	23.0000	.	.	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	28.9791	0.00000	3.00000	36.3333	.	10.5	.	.
2	COOK	3	40.7264	-8.00000	2.66667	38.0000	.	12.9	.	.
3	G00-3364	3	52.6351	-1.33333	2.50000	36.3333	.	15.0	.	.
4	G00-3880	3	36.9322	-9.33333	2.16667	34.6667	.	10.6	.	.
5	G00-4071	3	37.1917	-4.00000	2.83333	34.0000	.	12.4	.	.
6	G03-695 RR	3	35.4033	-9.00000	3.16667	35.0000	.	12.9	.	.
7	G03-952 RR	3	40.3337	-6.33333	3.00000	38.0000	.	13.1	.	.
8	G04-G2261 RR	3	42.4166	-6.33333	2.66667	35.3333	.	11.0	.	.
9	N96-6752	3	38.9450	-6.33333	3.16667	31.6667	.	12.5	.	.
10	N97-9612	3	37.7598	-7.33333	2.50000	34.0000	.	12.2	.	.
11	N98-7961	3	34.0357	-4.33333	2.33333	32.0000	.	11.6	.	.
12	NTC02AXB-717	3	28.6495	2.00000	3.33333	32.6667	.	5.8	.	.
13	SC00-643RR	3	40.8527	-3.00000	2.83333	36.0000	.	12.0	.	.
14	SC01-803RR	3	49.6404	-2.00000	2.00000	37.0000	.	11.9	.	.
15	SC01-805RR	3	41.9958	-7.66667	2.16667	37.0000	.	11.1	.	.
16	SC01-809RR	3	41.7363	-7.66667	1.33333	35.6667	.	12.0	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	23.064	0.00000	.	27.0000	.	.	.	.
2	COOK	3	21.736	2.00000	.	23.0000	.	.	.	.
3	G00-3364	3	33.884	1.33333	.	22.3333	.	.	.	.
4	G00-3880	3	26.788	5.33333	.	24.6667	.	.	.	.
5	G00-4071	3	29.040	6.33333	.	23.6667	.	.	.	.
6	G03-695 RR	3	27.260	2.33333	.	26.0000	.	.	.	.
7	G03-952 RR	3	28.128	2.33333	.	23.3333	.	.	.	.
8	G04-G2261 RR	3	25.876	3.33333	.	21.3333	.	.	.	.
9	N96-6752	3	27.496	4.33333	.	19.6667	.	.	.	.
10	N97-9612	3	31.776	2.00000	.	27.3333	.	.	.	.
11	N98-7961	3	11.024	1.66667	.	15.6667	.	.	.	.
12	NTC02AXB-717	3	17.112	2.00000	.	19.6667	.	.	.	.
13	SC00-643RR	3	32.108	2.00000	.	29.0000	.	.	.	.
14	SC01-803RR	3	25.280	8.66667	.	22.0000	.	.	.	.
15	SC01-805RR	3	19.556	6.00000	.	26.0000	.	.	.	.
16	SC01-809RR	3	25.660	4.00000	.	25.0000	.	.	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	18.7887	0.00000	.	34.0000	.	9.1	.	.
2	COOK	3	20.2475	0.00000	.	33.6667	.	11.6	.	.
3	G00-3364	3	21.2995	1.66667	.	31.3333	.	11.7	.	.
4	G00-3880	3	18.8799	-0.33333	.	29.3333	.	11.3	.	.
5	G00-4071	3	14.8683	1.00000	.	35.3333	.	10.5	.	.
6	G03-695 RR	3	13.4726	-1.66667	.	34.3333	.	10.6	.	.
7	G03-952 RR	3	18.4661	0.66667	.	31.0000	.	11.4	.	.
8	G04-G2261 RR	3	18.0874	1.00000	.	31.6667	.	11.1	.	.
9	N96-6752	3	14.5527	-2.66667	.	28.3333	.	9.7	.	.
10	N97-9612	3	15.2821	-0.66667	.	30.6667	.	11.1	.	.
11	N98-7961	3	14.5527	0.66667	.	30.0000	.	11.0	.	.
12	NTC02AXB-717	3	13.2482	0.66667	.	31.6667	.	5.8	.	.
13	SC00-643RR	3	16.2078	0.66667	.	33.0000	.	11.1	.	.
14	SC01-803RR	3	16.4042	0.00000	.	29.0000	.	10.9	.	.
15	SC01-805RR	3	15.0576	0.33333	.	33.0000	.	10.8	.	.
16	SC01-809RR	3	15.0296	1.00000	.	26.3333	.	11.1	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	33.180	0.00000	2.00000	46.6667	.	14.10	.	.
2	COOK	3	33.432	-3.66667	2.16667	45.6667	.	16.60	.	.
3	G00-3364	3	30.252	-0.33333	1.83333	45.3333	.	16.00	.	.
4	G00-3880	3	36.288	-5.33333	2.00000	45.3333	.	14.60	.	.
5	G00-4071	3	32.076	-4.66667	2.00000	46.6667	.	15.60	.	.
6	G03-695 RR	3	33.024	-3.66667	1.66667	43.3333	.	15.50	.	.
7	G03-952 RR	3	36.684	-5.00000	1.83333	44.6667	.	16.70	.	.
8	G04-G2261 RR	3	31.716	-3.66667	2.00000	42.6667	.	14.40	.	.
9	N96-6752	3	35.364	-3.00000	2.00000	37.3333	.	14.30	.	.
10	N97-9612	3	41.040	-6.66667	2.00000	43.6667	.	15.60	.	.
11	N98-7961	3	34.356	-6.00000	2.00000	39.6667	.	15.30	.	.
12	NTC02AXB-717	3	31.632	-1.00000	2.00000	41.3333	.	0.59	.	.
13	SC00-643RR	3	31.224	-1.00000	2.00000	44.6667	.	16.50	.	.
14	SC01-803RR	3	33.384	-4.33333	1.16667	45.3333	.	14.50	.	.
15	SC01-805RR	3	31.560	-3.33333	1.16667	46.3333	.	15.70	.	.
16	SC01-809RR	3	37.800	-5.00000	1.16667	43.0000	.	14.70	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	44.9717	.	2.66667	41.0000	2.33333	13.2000	.	.
2	COOK	3	57.1647	.	3.00000	39.0000	3.16667	15.8667	.	.
3	G00-3364	3	59.8703	.	2.00000	40.3333	2.16667	14.5667	.	.
4	G00-3880	3	57.7343	.	2.00000	37.0000	2.83333	15.0333	.	.
5	G00-4071	3	53.9696	.	2.00000	38.0000	2.33333	15.1667	.	.
6	G03-695 RR	3	50.0981	.	2.00000	38.3333	2.83333	14.9333	.	.
7	G03-952 RR	3	54.4680	.	2.00000	41.3333	3.00000	16.5667	.	.
8	G04-G2261 RR	3	58.0013	.	1.66667	40.3333	3.16667	15.5667	.	.
9	N96-6752	3	51.6378	.	3.33333	32.6667	2.66667	15.6000	.	.
10	N97-9612	3	59.1405	.	3.00000	38.3333	2.66667	15.9333	.	.
11	N98-7961	3	53.5691	.	2.33333	35.3333	2.66667	13.8000	.	.
12	NTC02AXB-717	3	48.8966	.	2.66667	35.6667	2.00000	6.8667	.	.
13	SC00-643RR	3	50.1426	.	2.00000	41.3333	2.66667	15.6667	.	.
14	SC01-803RR	3	47.1344	.	2.00000	41.0000	2.66667	15.4000	.	.
15	SC01-805RR	3	51.1394	.	2.00000	42.0000	2.16667	15.1000	.	.
16	SC01-809RR	3	47.3035	.	1.66667	41.6667	3.00000	13.9000	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	45.4345	0.00000	1	41.0000	.	.	.	.
2	COOK	3	42.2216	-6.00000	1	38.0000	.	.	.	.
3	G00-3364	3	51.8692	-3.66667	1	30.6667	.	.	.	.
4	G00-3880	3	52.9728	-6.00000	1	34.0000	.	.	.	.
5	G00-4071	3	48.5228	-2.00000	1	33.6667	.	.	.	.
6	G03-695 RR	3	56.8443	-2.00000	1	34.6667	.	.	.	.
7	G03-952 RR	3	45.6125	-2.00000	1	36.6667	.	.	.	.
8	G04-G2261 RR	3	47.7396	-6.33333	1	33.3333	.	.	.	.
9	N96-6752	3	42.6755	-3.66667	1	24.6667	.	.	.	.
10	N97-9612	3	37.5491	-4.33333	1	31.3333	.	.	.	.
11	N98-7961	3	38.7061	-5.33333	1	28.0000	.	.	.	.
12	NTC02AXB-717	3	37.4868	-2.66667	1	27.3333	.	.	.	.
13	SC00-643RR	3	45.3811	-2.66667	1	35.0000	.	.	.	.
14	SC01-803RR	3	49.8222	-2.66667	1	39.0000	.	.	.	.
15	SC01-805RR	3	44.3843	-4.33333	1	38.6667	.	.	.	.
16	SC01-809RR	3	44.7848	-3.33333	1	34.3333	.	.	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	30.0553	-0.00000	1	27.3333	1.50000	12.8333	.	.
2	COOK	3	26.9136	-7.66667	1	24.3333	1.66667	14.5333	.	.
3	G00-3364	3	33.7755	-7.66667	1	21.3333	1.50000	15.0000	.	.
4	G00-3880	3	34.7456	-7.66667	1	22.3333	1.83333	14.2000	.	.
5	G00-4071	3	28.6046	-2.33333	1	24.3333	1.83333	14.6333	.	.
6	G03-695 RR	3	29.5035	-5.00000	1	25.6667	2.00000	16.3667	.	.
7	G03-952 RR	3	30.0642	-5.66667	1	26.3333	2.33333	16.1000	.	.
8	G04-G2261 RR	3	30.3045	-4.00000	1	22.0000	1.66667	13.5000	.	.
9	N96-6752	3	21.2532	-4.66667	1	17.6667	2.00000	13.1333	.	.
10	N97-9612	3	24.3237	-8.33333	1	20.3333	1.83333	14.5000	.	.
11	N98-7961	3	26.8246	-5.66667	1	20.6667	1.16667	14.1333	.	.
12	NTC02AXB-717	3	22.7039	-0.00000	1	21.0000	1.00000	6.7333	.	.
13	SC00-643RR	3	31.1856	-1.66667	1	26.0000	2.00000	14.4000	.	.
14	SC01-803RR	3	28.8538	-4.00000	1	25.0000	1.50000	13.7667	.	.
15	SC01-805RR	3	28.1952	-6.33333	1	22.6667	2.16667	13.9000	.	.
16	SC01-809RR	3	31.3547	-5.00000	1	24.6667	2.66667	14.2000	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	3	44.9652	0.00000	4.00000	33.6667	1.66667	15.5	.	.
2	COOK	3	62.1054	-0.66667	2.66667	32.6667	2.66667	18.5	.	.
3	G00-3364	3	47.0057	-1.33333	3.66667	32.0000	2.00000	22.0	.	.
4	G00-3880	3	63.4781	-1.00000	3.33333	32.0000	2.00000	19.0	.	.
5	G00-4071	3	54.4257	-2.33333	3.00000	34.0000	1.66667	17.5	.	.
6	G03-695 RR	3	52.8675	-2.00000	2.66667	32.0000	2.66667	19.0	.	.
7	G03-952 RR	3	51.1238	-1.33333	3.00000	33.3333	2.66667	18.5	.	.
8	G04-G2261 RR	3	50.7899	-1.00000	2.33333	32.6667	2.33333	18.0	.	.
9	N96-6752	3	60.5843	-1.33333	4.33333	25.3333	3.66667	18.0	.	.
10	N97-9612	3	60.0649	-2.33333	3.33333	32.0000	2.33333	20.5	.	.
11	N98-7961	3	47.9703	-2.33333	3.66667	28.0000	2.33333	17.5	.	.
12	NTC02AXB-717	3	50.0850	-4.00000	3.66667	28.6667	1.66667	13.0	.	.
13	SC00-643RR	3	47.9703	-2.66667	3.00000	33.3333	2.00000	18.5	.	.
14	SC01-803RR	3	53.5724	-1.66667	1.33333	38.6667	2.00000	16.5	.	.
15	SC01-805RR	3	46.0040	-1.66667	2.00000	39.3333	2.00000	16.0	.	.
16	SC01-809RR	3	47.7106	-2.00000	1.33333	34.0000	3.00000	17.0	.	.

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

## The ANOVA Procedure

## Class Level Information

Class	Levels	Values
VARIETY	16	COOK G00-3364 G00-3880 G00-4071 G03-695 RR G03-952 RR G04-G2261 RR N96-6752 N97-9612 N98-7961 NTC02AXB-717 PRICHARD RR SC00-643RR SC01-803RR SC01-805RR SC01-809RR
REP	3	1 2 3

Number of Observations Read 48

Number of Observations Used 48

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	17	1239.143512	72.890795	4.20	0.0003
Error	30	520.745798	17.358193		
Corrected Total	47	1759.889310			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.704103	9.957600	4.166317	41.84057

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	47.532565	23.766282	1.37	0.2698
VARIETY	15	1191.610947	79.440730	4.58	0.0002

----- 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	30
Error Mean Square	17.35819
Critical Value of t	2.04227
Least Significant Difference	6.9474

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	55.830	3	G00-3364
A			
B A	49.457	3	G04-G2261 RR
B			
B C	45.657	3	G00-3880
B C			
B C D	43.468	3	G03-952 RR
C D			
C D	42.462	3	COOK
C D			
C D	42.231	3	N97-9612
C D			
C D	42.168	3	N96-6752
C D			
C D	40.602	3	SC00-643RR
C D			
E C D	40.237	3	N98-7961
E C D			
E C D	39.872	3	PRICHARD RR
E C D			
E C D	39.836	3	SC01-809RR
E C D			
E C D	39.338	3	G00-4071
E D			
E D	38.493	3	SC01-803RR
E D			
E D	38.163	3	SC01-805RR
E D			
E D	38.065	3	G03-695 RR
E D			
E	33.571	3	NTC02AXB-717

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

The ANOVA Procedure  
Class Level Information

Class	Levels	Values
VARIETY	16	COOK G00-3364 G00-3880 G00-4071 G03-695 RR G03-952 RR G04-G2261 RR N96-6752 N97-9612 N98-7961 NTC02AXB-717 PRICHARD RR SC00-643RR SC01-803RR SC01-805RR SC01-809RR
REP	3	1 2 3

Number of Observations Read	48
Number of Observations Used	48

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	17	785.069593	46.180564	4.04	0.0004
Error	30	343.078699	11.435957		
Corrected Total	47	1128.148291			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.695892	6.158615	3.381709	54.91022

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	217.7038631	108.8519315	9.52	0.0006
VARIETY	15	567.3657296	37.8243820	3.31	0.0026

----- LOCATION=ATHENS,GA(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	30
Error Mean Square	11.43596
Critical Value of t	2.04227
Least Significant Difference	5.639

Means with the same letter are not significantly different.

t	Grouping	Mean	N	VARIETY
	A	61.802	3	G00-3364
	A			
B	A	59.666	3	N96-6752
B	A			
B	A C	58.704	3	G04-G2261 RR
B	A C			
B	A C	58.429	3	G00-3880
B	A C			
B	D A C	57.628	3	N97-9612
B	D C			
B	D E C	55.305	3	N98-7961
B	D E C			
B	D E C	55.064	3	COOK
B	D E C			
B	D E C	55.002	3	G00-4071
B	D E C			
F	B D E C	54.406	3	SC01-809RR
F	D E C			
F	D E C	53.400	3	SC01-803RR
F	D E C			
F	D E C	53.231	3	SC00-643RR
F	D E			
F	D E	52.563	3	SC01-805RR
F	D E			
F	D E	52.537	3	PRICHARD RR
F	E			
F	E	51.834	3	G03-695 RR
F	E			
F	E	49.733	3	G03-952 RR
F				
F		49.262	3	NTC02AXB-717

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	16	COOK G00-3364 G00-3880 G00-4071 G03-695 RR G03-952 RR G04-G2261 RR N96-6752 N97-9612 N98-7961 NTC02AXB-717 PRICHARD RR SC00-643RR SC01-803RR SC01-805RR SC01-809RR
REP	3	1 2 3

Number of Observations Read 48  
 Number of Observations Used 48

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	17	521.5013356	30.6765492	2.55	0.0122
Error	30	361.2895523	12.0429851		
Corrected Total	47	882.7908879			

R-Square 0.590742  
 Coeff Var 13.65524  
 Root MSE 3.470300  
 YIELD Mean 25.41369

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	12.4913127	6.2456564	0.52	0.6006
VARIETY	15	509.0100228	33.9340015	2.82	0.0076

----- 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	30
Error Mean Square	12.04299
Critical Value of t	2.04227
Least Significant Difference	5.7868

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	30.185	3	G00-4071
A			
A	29.905	3	N97-9612
A			
A	29.793	3	SC00-643RR
A			
B	27.696	3	SC01-805RR
B			
B	27.548	3	G00-3364
B			
B	27.506	3	COOK
B			
B	26.167	3	G03-695 RR
B			
B	25.662	3	SC01-809RR
B			
B	25.381	3	PRICHARD RR
B			
B	24.904	3	G04-G2261 RR
B			
B	23.887	3	G03-952 RR
B			
B	23.656	3	N98-7961
B			
B	23.495	3	SC01-803RR
B			
B	21.910	3	G00-3880
D			
D	19.848	3	NTC02AXB-717
D			
D	19.076	3	N96-6752

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	16	COOK G00-3364 G00-3880 G00-4071 G03-695 RR G03-952 RR G04-G2261 RR N96-6752 N97-9612 N98-7961 NTC02AXB-717 PRICHARD RR SC00-643RR SC01-803RR SC01-805RR SC01-809RR
REP	3	1 2 3

Number of Observations Read 48  
Number of Observations Used 48

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	17	2404.816358	141.459786	4.67	0.0001
Error	30	908.061035	30.268701		
Corrected Total	47	3312.877393			

R-Square 0.725900  
Coeff Var 14.01186  
Root MSE 5.501700  
YIELD Mean 39.26459

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	639.137718	319.568859	10.56	0.0003
VARIETY	15	1765.678640	117.711909	3.89	0.0008

----- 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	30
Error Mean Square	30.2687
Critical Value of t	2.04227
Least Significant Difference	9.1741

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
	52.635	3	G00-3364
A			
A			
B	49.640	3	SC01-803RR
B			
B	42.417	3	G04-G2261 RR
B			
B	41.996	3	SC01-805RR
B			
B	41.736	3	SC01-809RR
B			
B	40.853	3	SC00-643RR
B			
B	40.726	3	COOK
	40.334	3	G03-952 RR
	38.945	3	N96-6752
D	37.760	3	N97-9612
D			
D	37.192	3	G00-4071
D			
D	36.932	3	G00-3880
D			
D	35.403	3	G03-695 RR
D			
D	34.036	3	N98-7961
D			
D	28.979	3	PRICHARD RR
D			
D	28.649	3	NTC02AXB-717

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

## The ANOVA Procedure

## Class Level Information

Class	Levels	Values
VARIETY	16	COOK G00-3364 G00-3880 G00-4071 G03-695 RR G03-952 RR G04-G2261 RR N96-6752 N97-9612 N98-7961 NTC02AXB-717 PRICHARD RR SC00-643RR SC01-803RR SC01-805RR SC01-809RR
REP	3	1 2 3

Number of Observations Read	48
Number of Observations Used	48

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	17	1786.934853	105.113815	5.76	<.0001
Error	30	547.678104	18.255937		
Corrected Total	47	2334.612957			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.765409	16.84701	4.272697	25.36175

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	236.596488	118.298244	6.48	0.0046
VARIETY	15	1550.338365	103.355891	5.66	<.0001

----- 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	30
Error Mean Square	18.25594
Critical Value of t	2.04227
Least Significant Difference	7.1248

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
	33.884	3	G00-3364
			A
B	32.108	3	SC00-643RR
B			A
B	31.776	3	N97-9612
B			A
B	29.040	3	G00-4071
B			A C
B	28.128	3	G03-952 RR
B			D A C
B	27.496	3	N96-6752
B			D A C
B	27.260	3	G03-695 RR
B			D A C
B	26.788	3	G00-3880
B			D C
B	25.876	3	G04-G2261 RR
B			D E C
B	25.660	3	SC01-809RR
B			D E C
B	25.280	3	SC01-803RR
B			D E C
F	23.064	3	PRICHARD RR
F			D E
F	21.736	3	COOK
F			D E
F	19.556	3	SC01-805RR
F			E
F	17.112	3	NTC02AXB-717
F			G
	11.024	3	N98-7961
			G

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	16	COOK G00-3364 G00-3880 G00-4071 G03-695 RR G03-952 RR G04-G2261 RR N96-6752 N97-9612 N98-7961 NTC02AXB-717 PRICHARD RR SC00-643RR SC01-803RR SC01-805RR SC01-809RR
REP	3	1 2 3

Number of Observations Read 48  
 Number of Observations Used 48

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	17	310.2934989	18.2525588	2.23	0.0265
Error	30	245.2683307	8.1756110		
Corrected Total	47	555.5618297			

R-Square 0.558522  
 Coeff Var 17.29996  
 Root MSE 2.859303  
 YIELD Mean 16.52780

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	39.8115368	19.9057684	2.43	0.1047
VARIETY	15	270.4819622	18.0321308	2.21	0.0318

----- 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	30
Error Mean Square	8.175611
Critical Value of t	2.04227
Least Significant Difference	4.7679

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY
		A		21.299	3	G00-3364
		A				
B		A		20.247	3	COOK
B		A				
B		A	C	18.880	3	G00-3880
B		A	C			
B		A	C	18.789	3	PRICHARD RR
B		A	C			
B		A	C	18.466	3	G03-952 RR
B		A	C			
B	D	A	C	18.087	3	G04-G2261 RR
B	D		C			
B	D	E	C	16.404	3	SC01-803RR
B	D	E	C			
B	D	E	C	16.208	3	SC00-643RR
	D	E	C			
	D	E	C	15.282	3	N97-9612
	D	E	C			
	D	E	C	15.058	3	SC01-805RR
	D	E	C			
	D	E	C	15.030	3	SC01-809RR
	D	E	C			
	D	E	C	14.868	3	G00-4071
	D	E	C			
	D	E	C	14.553	3	N98-7961
	D	E	C			
	D	E	C	14.553	3	N96-6752
	D	E				
	D	E		13.473	3	G03-695 RR
		E				
		E		13.248	3	NTC02AXB-717

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	16	COOK G00-3364 G00-3880 G00-4071 G03-695 RR G03-952 RR G04-G2261 RR N96-6752 N97-9612 N98-7961 NTC02AXB-717 PRICHARD RR SC00-643RR SC01-803RR SC01-805RR SC01-809RR
REP	3	1 2 3

Number of Observations Read 48  
 Number of Observations Used 48

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	17	518.2613010	30.4859589	2.72	0.0080
Error	30	335.7424080	11.1914136		
Corrected Total	47	854.0037090			

R-Square 0.606861  
 Coeff Var 9.857188  
 Root MSE 3.345357  
 YIELD Mean 33.93825

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	149.4808560	74.7404280	6.68	0.0040
VARIETY	15	368.7804450	24.5853630	2.20	0.0325

----- 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	30
Error Mean Square	11.19141
Critical Value of t	2.04227
Least Significant Difference	5.5784

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	41.040	3	N97-9612
A			
B A	37.800	3	SC01-809RR
B A			
B A C	36.684	3	G03-952 RR
B A C			
B A C	36.288	3	G00-3880
B C			
B D C	35.364	3	N96-6752
B D C			
B D C	34.356	3	N98-7961
B D C			
B D C	33.432	3	COOK
B D C			
B D C	33.384	3	SC01-803RR
B D C			
B D C	33.180	3	PRICHARD RR
B D C			
B D C	33.024	3	G03-695 RR
D C			
D C	32.076	3	G00-4071
D C			
D C	31.716	3	G04-G2261 RR
D C			
D C	31.632	3	NTC02AXB-717
D C			
D C	31.560	3	SC01-805RR
D C			
D C	31.224	3	SC00-643RR
D			
D	30.252	3	G00-3364

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	16	COOK G00-3364 G00-3880 G00-4071 G03-695 RR G03-952 RR G04-G2261 RR N96-6752 N97-9612 N98-7961 NTC02AXB-717 PRICHARD RR SC00-643RR SC01-803RR SC01-805RR SC01-809RR
REP	3	1 2 3

Number of Observations Read 48  
 Number of Observations Used 48

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	17	1072.950674	63.114746	6.67	<.0001
Error	30	283.929799	9.464327		
Corrected Total	47	1356.880474			

R-Square 0.790748  
 Coeff Var 5.823497  
 Root MSE 3.076415  
 YIELD Mean 52.82762

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	104.9355367	52.4677683	5.54	0.0089
VARIETY	15	968.0151375	64.5343425	6.82	<.0001

----- LOCATION=PLAINS,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	30
Error Mean Square	9.464327
Critical Value of t	2.04227
Least Significant Difference	5.1299

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
	59.870	3	G00-3364
	59.141	3	N97-9612
B	58.001	3	G04-G2261 RR
B	57.734	3	G00-3880
B	57.165	3	COOK
B	54.468	3	G03-952 RR
E	53.970	3	G00-4071
E	53.569	3	N98-7961
E	51.638	3	N96-6752
E	51.139	3	SC01-805RR
E	50.143	3	SC00-643RR
E	50.098	3	G03-695 RR
E	48.897	3	NTC02AXB-717
G	47.304	3	SC01-809RR
G	47.134	3	SC01-803RR
G	44.972	3	PRICHARD RR

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	16	COOK G00-3364 G00-3880 G00-4071 G03-695 RR G03-952 RR G04-G2261 RR N96-6752 N97-9612 N98-7961 NTC02AXB-717 PRICHARD RR SC00-643RR SC01-803RR SC01-805RR SC01-809RR
REP	3	1 2 3

Number of Observations Read 48  
 Number of Observations Used 48

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	17	2234.533061	131.443121	3.84	0.0006
Error	30	1027.069861	34.235662		
Corrected Total	47	3261.602922			

R-Square      Coeff Var      Root MSE      YIELD Mean  
 0.685103      12.78922      5.851125      45.75045

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	881.437424	440.718712	12.87	<.0001
VARIETY	15	1353.095637	90.206376	2.63	0.0116

----- 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	30
Error Mean Square	34.23566
Critical Value of t	2.04227
Least Significant Difference	9.7568

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
	56.844	3	G03-695 RR
	52.973	3	G00-3880
B	51.869	3	G00-3364
B	49.822	3	SC01-803RR
B	48.523	3	G00-4071
B	47.740	3	G04-G2261 RR
B	45.613	3	G03-952 RR
B	45.435	3	PRICHARD RR
B	45.381	3	SC00-643RR
B	44.785	3	SC01-809RR
B	44.384	3	SC01-805RR
D	42.676	3	N96-6752
D	42.222	3	COOK
D	38.706	3	N98-7961
D	37.549	3	N97-9612
D	37.487	3	NTC02AXB-717

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	16	COOK G00-3364 G00-3880 G00-4071 G03-695 RR G03-952 RR G04-G2261 RR N96-6752 N97-9612 N98-7961 NTC02AXB-717 PRICHARD RR SC00-643RR SC01-803RR SC01-805RR SC01-809RR
REP	3	1 2 3

Number of Observations Read 48  
Number of Observations Used 48

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	17	683.259693	40.191747	2.52	0.0131
Error	30	478.630514	15.954350		
Corrected Total	47	1161.890207			

R-Square 0.588059  
Coeff Var 13.93373  
Root MSE 3.994290  
YIELD Mean 28.66634

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	83.2855426	41.6427713	2.61	0.0901
VARIETY	15	599.9741499	39.9982767	2.51	0.0156

----- 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	30
Error Mean Square	15.95435
Critical Value of t	2.04227
Least Significant Difference	6.6605

Means with the same letter are not significantly different.

t Grouping			Mean	N	VARIETY
		A	34.746	3	G00-3880
		A			
		A	33.776	3	G00-3364
		A			
B		A	31.355	3	SC01-809RR
B		A			
B		A	31.186	3	SC00-643RR
B		A			
B		A C	30.305	3	G04-G2261 RR
B		A C			
B		A C	30.064	3	G03-952 RR
B		A C			
B		A C	30.055	3	PRICHARD RR
B		A C			
B		A C	29.504	3	G03-695 RR
B		A C			
B	D	A C	28.854	3	SC01-803RR
B	D	A C			
B	D	A C	28.605	3	G00-4071
B	D	A C			
B	D	A C	28.195	3	SC01-805RR
B	D	A C			
B	D	E C	26.914	3	COOK
B	D	E C			
B	D	E C	26.825	3	N98-7961
	D	E C			
	D	E C	24.324	3	N97-9612
	D	E			
	D	E	22.704	3	NTC02AXB-717
		E			
		E	21.253	3	N96-6752

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	16	COOK G00-3364 G00-3880 G00-4071 G03-695 RR G03-952 RR G04-G2261 RR N96-6752 N97-9612 N98-7961 NTC02AXB-717 PRICHARD RR SC00-643RR SC01-803RR SC01-805RR SC01-809RR
REP	3	1 2 3

Number of Observations Read 48  
 Number of Observations Used 48

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	17	2041.212847	120.071344	4.96	<.0001
Error	30	726.624216	24.220807		
Corrected Total	47	2767.837063			

R-Square 0.737476  
 Coeff Var 9.366154  
 Root MSE 4.921464  
 YIELD Mean 52.54519

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	408.881000	204.440500	8.44	0.0012
VARIETY	15	1632.331847	108.822123	4.49	0.0002

----- 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	30
Error Mean Square	24.22081
Critical Value of t	2.04227
Least Significant Difference	8.2066

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
	63.478	3	G00-3880
	62.105	3	COOK
	60.584	3	N96-6752
	60.065	3	N97-9612
	54.426	3	G00-4071
	53.572	3	SC01-803RR
	52.868	3	G03-695 RR
	51.124	3	G03-952 RR
	50.790	3	G04-G2261 RR
	50.085	3	NTC02AXB-717
	47.970	3	N98-7961
	47.970	3	SC00-643RR
	47.711	3	SC01-809RR
	47.006	3	G00-3364
	46.004	3	SC01-805RR
	44.965	3	PRICHARD RR