

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

11:36 Wednesday, February 1, 2006

LOCATION	TTYPE	VARIETY	REP	CKDATE
ATHENS, GA (A)	PVIII	PRICHARD RR	.	11/04
		PRICHARD RR	1	11/06
		PRICHARD RR	2	11/02
BLACKVILLE, SC (A)	PVIII	PRICHARD RR	.	11/06
		PRICHARD RR	1	11/07
		PRICHARD RR	2	11/06
FLORENCE, SC	PVIII	PRICHARD RR	.	10/28
		PRICHARD RR	1	10/28
		PRICHARD RR	2	10/29
KINSTON, NC	PVIII	PRICHARD RR	.	11/04
		PRICHARD RR	1	11/02
		PRICHARD RR	2	11/06
PLAINS, GA	PVIII	PRICHARD RR	.	.
		PRICHARD RR	1	.
		PRICHARD RR	2	.
TALLASSEE, AL (A)	PVIII	PRICHARD RR	.	10/29
		PRICHARD RR	1	10/30
		PRICHARD RR	2	10/28

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	2	56.5506	0.0	2.0	39.0	2.00	14.35	.	.
2	COOK	2	71.1021	-4.0	2.0	40.0	2.50	17.00	.	.
3	Au02-2814	2	74.9603	-1.0	1.0	34.0	2.25	14.30	.	.
4	Au02-3223	2	70.3011	0.0	1.5	35.0	2.25	15.90	.	.
5	G03-1150	2	73.3449	0.5	2.0	39.0	2.00	15.30	.	.
6	G03-680 RR	2	71.1021	-3.5	1.5	41.0	2.50	15.10	.	.
7	G03-681 RR	2	68.6057	-5.5	1.5	40.5	1.75	15.10	.	.
8	G03-762 RR	2	63.6528	-11.0	1.0	32.0	2.25	15.00	.	.
9	G03-825 RR	2	75.2406	-2.5	1.0	34.5	2.00	15.90	.	.
10	G03-889 RR	2	71.2490	-1.5	1.5	37.5	2.00	16.80	.	.
11	G03-899 RR	2	72.1034	-5.0	1.5	38.0	2.00	16.35	.	.
12	N00-377	2	77.0429	0.0	1.0	34.5	2.00	18.60	.	.
13	N01-11832	2	68.8460	0.5	1.0	33.0	2.25	15.45	.	.
14	SC02-123RR	2	63.0521	-0.5	2.0	38.5	2.00	16.45	.	.
15	SC02-134RR	2	71.6495	-1.5	1.5	36.5	1.50	16.25	.	.
16	SC02-135RR	2	58.3929	1.0	2.0	43.0	2.25	15.30	.	.
17	SC02-147RR	2	62.3979	2.5	3.0	44.0	2.25	13.85	.	.
18	SC02-163RR	2	69.9006	1.5	2.5	38.0	2.00	14.30	.	.
19	SC02-211RR	2	75.4943	-1.0	2.5	39.5	2.00	17.00	.	.
20	SC02-212RR	2	64.2536	-4.0	2.0	38.0	1.75	18.45	.	.

----- LOCATION=BLACKVILLE,SC(A) TTYPE=PVIII -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	2	36.4834	0.0	2.75	40.5	.	11.7	.	.
2	COOK	2	38.6926	-8.5	2.50	35.0	.	13.9	.	.
3	Au02-2814	2	31.5705	-0.5	2.25	33.0	.	12.6	.	.
4	Au02-3223	2	39.9234	-4.0	2.50	35.0	.	13.4	.	.
5	G03-1150	2	42.2168	-1.0	3.00	35.5	.	14.5	.	.
6	G03-680 RR	2	37.1987	-7.0	3.25	37.0	.	12.8	.	.
7	G03-681 RR	2	39.1660	-5.5	2.25	38.0	.	12.9	.	.
8	G03-762 RR	2	36.8726	-8.0	2.50	34.5	.	12.8	.	.
9	G03-825 RR	2	42.6481	-6.0	2.00	34.0	.	13.6	.	.
10	G03-889 RR	2	38.9766	-6.5	2.25	34.5	.	13.7	.	.
11	G03-899 RR	2	32.0018	-5.5	2.50	34.5	.	12.8	.	.
12	N00-377	2	45.8988	-2.5	1.50	33.0	.	15.4	.	.
13	N01-11832	2	35.6838	-4.5	3.00	35.5	.	12.3	.	.
14	SC02-123RR	2	37.2092	-1.5	2.75	37.0	.	14.9	.	.
15	SC02-134RR	2	36.7674	-3.5	2.50	35.5	.	13.4	.	.
16	SC02-135RR	2	38.5979	0.0	2.25	36.5	.	12.9	.	.
17	SC02-147RR	2	40.3126	1.0	2.25	36.0	.	12.4	.	.
18	SC02-163RR	2	45.0782	0.0	2.25	38.0	.	12.9	.	.
19	SC02-211RR	2	34.7265	-1.5	3.00	36.5	.	14.6	.	.
20	SC02-212RR	2	37.7773	-4.5	2.25	39.5	.	13.5	.	.

----- LOCATION=FLORENCE,SC TTYPE=PVIII -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	2	24.7851	0.0	.	39.0	.	9.8	.	.
2	COOK	2	23.5964	-1.0	.	37.0	.	11.1	.	.
3	Au02-2814	2	21.5870	-1.5	.	33.0	.	9.5	.	.
4	Au02-3223	2	22.3445	0.0	.	35.5	.	10.2	.	.
5	G03-1150	2	18.2943	0.0	.	37.0	.	11.3	.	.
6	G03-680 RR	2	19.3358	-6.5	.	43.5	.	9.7	.	.
7	G03-681 RR	2	21.3556	-1.0	.	43.0	.	11.4	.	.
8	G03-762 RR	2	21.9237	-4.0	.	31.0	.	10.8	.	.
9	G03-825 RR	2	18.4416	-4.5	.	35.5	.	10.3	.	.
10	G03-889 RR	2	21.7869	-1.0	.	39.0	.	10.9	.	.
11	G03-899 RR	2	16.9582	-1.5	.	36.5	.	9.4	.	.
12	N00-377	2	21.7764	-0.5	.	30.5	.	11.2	.	.
13	N01-11832	2	15.7169	-2.5	.	34.5	.	9.5	.	.
14	SC02-123RR	2	22.5864	1.0	.	38.0	.	12.7	.	.
15	SC02-134RR	2	23.1650	1.0	.	39.5	.	12.1	.	.
16	SC02-135RR	2	20.4404	0.5	.	40.5	.	10.7	.	.
17	SC02-147RR	2	18.1470	-0.5	.	38.0	.	10.4	.	.
18	SC02-163RR	2	20.1563	-1.0	.	42.0	.	10.0	.	.
19	SC02-211RR	2	19.2516	-0.5	.	39.0	.	11.4	.	.
20	SC02-212RR	2	16.1903	-2.5	.	37.0	.	11.8	.	.

----- LOCATION=KINSTON,NC TTYPE=PVIII -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	2	36.396	0.0	4.0	51.0	.	13.1	.	.
2	COOK	2	46.800	-4.5	3.5	46.0	.	15.4	.	.
3	Au02-2814	2	45.810	-1.5	2.5	43.0	.	13.4	.	.
4	Au02-3223	2	41.706	-2.5	2.5	44.5	.	14.3	.	.
5	G03-1150	2	36.072	-1.5	2.5	46.5	.	14.2	.	.
6	G03-680 RR	2	41.166	-3.5	3.0	47.5	.	14.5	.	.
7	G03-681 RR	2	37.296	-4.0	2.5	48.0	.	14.2	.	.
8	G03-762 RR	2	37.962	-3.5	2.5	44.5	.	14.2	.	.
9	G03-825 RR	2	48.618	-4.0	1.5	44.5	.	14.2	.	.
10	G03-889 RR	2	44.082	-4.0	2.5	44.0	.	15.3	.	.
11	G03-899 RR	2	43.524	-4.0	2.5	46.0	.	14.4	.	.
12	N00-377	2	41.994	3.5	3.0	42.5	.	15.6	.	.
13	N01-11832	2	38.754	-2.0	2.5	46.5	.	13.3	.	.
14	SC02-123RR	2	40.212	4.5	3.0	45.5	.	15.2	.	.
15	SC02-134RR	2	38.088	1.0	2.5	48.5	.	14.5	.	.
16	SC02-135RR	2	38.664	4.0	3.5	52.5	.	13.3	.	.
17	SC02-147RR	2	40.212	6.0	3.5	48.0	.	13.5	.	.
18	SC02-163RR	2	32.688	2.0	3.0	47.0	.	13.3	.	.
19	SC02-211RR	2	35.100	-3.0	3.5	46.5	.	15.0	.	.
20	SC02-212RR	2	33.498	-1.5	3.5	48.5	.	16.6	.	.

----- LOCATION=PLAINS,GA TTYPE=PVIII -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	2	44.1084	.	3.0	42.0	2.75	13.80	.	.
2	COOK	2	52.3454	.	3.5	35.0	3.00	17.80	.	.
3	Au02-2814	2	62.2511	.	2.0	37.0	2.25	14.15	.	.
4	Au02-3223	2	55.0020	.	1.5	41.5	2.75	16.85	.	.
5	G03-1150	2	48.9945	.	2.0	40.0	2.50	13.40	.	.
6	G03-680 RR	2	53.1464	.	2.5	41.0	3.00	14.30	.	.
7	G03-681 RR	2	50.6499	.	2.5	37.0	2.25	14.65	.	.
8	G03-762 RR	2	50.4897	.	2.0	38.5	2.75	13.75	.	.
9	G03-825 RR	2	61.7571	.	1.0	40.5	2.75	14.40	.	.
10	G03-889 RR	2	52.9995	.	2.0	39.5	2.25	15.20	.	.
11	G03-899 RR	2	52.5590	.	2.0	38.0	3.00	15.70	.	.
12	N00-377	2	61.7037	.	2.0	38.0	3.00	18.60	.	.
13	N01-11832	2	60.9428	.	2.0	38.5	2.50	15.00	.	.
14	SC02-123RR	2	44.9895	.	2.0	41.5	2.75	14.55	.	.
15	SC02-134RR	2	41.7588	.	2.0	41.0	2.75	13.40	.	.
16	SC02-135RR	2	44.7492	.	2.5	46.5	2.75	13.40	.	.
17	SC02-147RR	2	49.3016	.	2.5	43.5	2.75	12.35	.	.
18	SC02-163RR	2	49.7421	.	2.5	44.5	2.50	13.30	.	.
19	SC02-211RR	2	51.3041	.	3.0	40.0	2.75	15.15	.	.
20	SC02-212RR	2	47.6996	.	2.5	43.0	2.75	16.55	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	PRICHARD RR	2	48.4739	0.0	1	42.5	1.00	15.30	.	.
2	COOK	2	56.8844	-7.5	1	34.0	2.50	18.10	.	.
3	Au02-2814	2	58.5665	-4.0	1	31.5	2.00	16.75	.	.
4	Au02-3223	2	52.7058	-5.0	1	33.0	2.00	17.50	.	.
5	G03-1150	2	47.2991	-4.0	1	33.0	1.00	17.50	.	.
6	G03-680 RR	2	52.9595	-6.5	1	40.0	2.00	16.00	.	.
7	G03-681 RR	2	44.9361	-5.0	1	39.5	2.00	16.75	.	.
8	G03-762 RR	2	55.0554	-6.5	1	30.5	1.50	17.00	.	.
9	G03-825 RR	2	51.6245	-3.0	1	35.0	1.25	17.75	.	.
10	G03-889 RR	2	47.1522	-8.0	1	35.5	1.75	16.90	.	.
11	G03-899 RR	2	55.4292	-6.5	1	34.5	2.00	17.60	.	.
12	N00-377	2	54.6149	-3.0	1	27.0	2.00	18.70	.	.
13	N01-11832	2	40.1702	-3.0	1	31.5	2.25	16.75	.	.
14	SC02-123RR	2	41.1047	-3.0	1	34.5	1.75	17.10	.	.
15	SC02-134RR	2	51.2640	-2.0	1	34.0
16	SC02-135RR	2	54.1209	-1.0	1	40.0	1.75	17.55	.	.
17	SC02-147RR	2	52.5990	1.0	1	39.0	1.75	15.05	.	.
18	SC02-163RR	2	52.3053	-1.0	1	36.5	1.50	14.80	.	.
19	SC02-211RR	2	49.1681	-5.0	1	32.5	1.00	16.45	.	.
20	SC02-212RR	2	50.1827	-5.0	1	38.5	1.00	18.65	.	.

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	20	Au02-2814 Au02-3223 COOK G03-1150 G03-680 RR G03-681 RR G03-762 RR G03-825 RR G03-889 RR G03-899 RR N00-377 N01-11832 PRICHARD RR SC02-123RR SC02-134RR SC02-135RR SC02-147RR SC02-163RR SC02-211RR SC02-212RR
REP	2	1 2

Number of Observations Read	40
Number of Observations Used	40

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	20	1426.265122	71.313256	1.05	0.4628
Error	19	1295.726479	68.196130		
Corrected Total	39	2721.991601			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.523979	11.97483	8.258095	68.96210

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	164.272954	164.272954	2.41	0.1372
VARIETY	19	1261.992168	66.420640	0.97	0.5226

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

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	19
Error Mean Square	68.19613
Critical Value of t	2.09302
Least Significant Difference	17.284

Means with the same letter are not significantly different.

t	Grouping	Mean	N	VARIETY
	A	77.043	2	N00-377
	A			
B	A	75.494	2	SC02-211RR
B	A			
B	A	75.241	2	G03-825 RR
B	A			
B	A	74.960	2	Au02-2814
B	A			
B	A C	73.345	2	G03-1150
B	A C			
B	A C	72.103	2	G03-899 RR
B	A C			
B	A C	71.649	2	SC02-134RR
B	A C			
B	A C	71.249	2	G03-889 RR
B	A C			
B	A C	71.102	2	G03-680 RR
B	A C			
B	A C	71.102	2	COOK
B	A C			
B	A C	70.301	2	Au02-3223
B	A C			
B	A C	69.901	2	SC02-163RR
B	A C			
B	A C	68.846	2	N01-11832
B	A C			
B	A C	68.606	2	G03-681 RR
B	A C			
B	A C	64.254	2	SC02-212RR

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

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t	Grouping	Mean	N	VARIETY
B	A C			
B	A C	63.653	2	G03-762 RR
B	A C			
B	A C	63.052	2	SC02-123RR
B	A C			
B	A C	62.398	2	SC02-147RR
B	C			
B	C	58.393	2	SC02-135RR
	C			
	C	56.551	2	PRICHARD RR

----- LOCATION=BLACKVILLE,SC(A) TTYPE=PVIII -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	20	Au02-2814 Au02-3223 COOK G03-1150 G03-680 RR G03-681 RR G03-762 RR G03-825 RR G03-889 RR G03-899 RR N00-377 N01-11832 PRICHARD RR SC02-123RR SC02-134RR SC02-135RR SC02-147RR SC02-163RR SC02-211RR SC02-212RR
REP	2	1 2

Number of Observations Read 40
 Number of Observations Used 40

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	20	666.2971194	33.3148560	2.94	0.0112
Error	19	215.1949960	11.3260524		
Corrected Total	39	881.4921154			

R-Square 0.755874
 Coeff Var 8.766373
 Root MSE 3.365420
 YIELD Mean 38.39011

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	144.6265688	144.6265688	12.77	0.0020
VARIETY	19	521.6705506	27.4563448	2.42	0.0304

----- LOCATION=BLACKVILLE,SC(A) TTYPE=PVIII -----

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	19
Error Mean Square	11.32605
Critical Value of t	2.09302
Least Significant Difference	7.0439

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY	
		A		45.899	2	N00-377	
		A					
B		A		45.078	2	SC02-163RR	
B		A					
B		A	C	42.648	2	G03-825 RR	
B		A	C				
B		A	C	42.217	2	G03-1150	
B		A	C				
B	D	A	C	40.313	2	SC02-147RR	
B	D	A	C				
B	D	A	C	39.923	2	Au02-3223	
B	D	A	C				
B	D	A	C	39.166	2	G03-681 RR	
B	D	A	C				
E	B	D	A	38.977	2	G03-889 RR	
E	B	D	C				
E	B	D	C	38.693	2	COOK	
E	B	D	C				
E	B	D	F	38.598	2	SC02-135RR	
E		D	F	C			
E		D	F	C	37.777	2	SC02-212RR
E		D	F	C			
E		D	F	C	37.209	2	SC02-123RR
E		D	F	C			
E		D	F	C	37.199	2	G03-680 RR
E		D	F	C			
E		D	F	C	36.873	2	G03-762 RR
E		D	F	C			
E		D	F	C	36.767	2	SC02-134RR

----- LOCATION=BLACKVILLE,SC(A) TTYPE=PVIII -----

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	C			
E	D	F	C	36.483	2	PRICHARD RR
E	D	F	C			
E	D	F	C	35.684	2	N01-11832
E	D	F				
E	D	F		34.727	2	SC02-211RR
E		F				
E		F		32.002	2	G03-899 RR
		F				
		F		31.571	2	Au02-2814

----- LOCATION=FLORENCE,SC TTYPE=PVIII -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	20	Au02-2814 Au02-3223 COOK G03-1150 G03-680 RR G03-681 RR G03-762 RR G03-825 RR G03-889 RR G03-899 RR N00-377 N01-11832 PRICHARD RR SC02-123RR SC02-134RR SC02-135RR SC02-147RR SC02-163RR SC02-211RR SC02-212RR
REP	2	1 2

Number of Observations Read 40
 Number of Observations Used 40

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	20	258.5605836	12.9280292	3.38	0.0052
Error	19	72.7788028	3.8304633		
Corrected Total	39	331.3393864			

R-Square 0.780350
 Coeff Var 9.597685
 Root MSE 1.957157
 YIELD Mean 20.39197

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	15.6194005	15.6194005	4.08	0.0578
VARIETY	19	242.9411831	12.7863781	3.34	0.0058

----- LOCATION=FLORENCE,SC TTYPE=PVIII -----

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	19
Error Mean Square	3.830463
Critical Value of t	2.09302
Least Significant Difference	4.0964

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	A	24.785	2	PRICHARD RR
	A			
B	A	23.596	2	COOK
B	A			
B	A C	23.165	2	SC02-134RR
B	A C			
B	A C	22.586	2	SC02-123RR
B	A C			
B	D A C	22.344	2	Au02-3223
B	D A C			
E	B D A C	21.924	2	G03-762 RR
E	B D A C			
E	B D A C	21.787	2	G03-889 RR
E	B D A C			
E	B D A C	21.776	2	N00-377
E	B D A C			
E	B D A C	21.587	2	Au02-2814
E	B D A C			
E	B D A C	21.356	2	G03-681 RR
E	B D A C			
E	B D F C	20.440	2	SC02-135RR
E	B D F C			
E	B D F C G	20.156	2	SC02-163RR
E	D F C G			
E	H D F C G	19.336	2	G03-680 RR
E	H D F C G			
E	H D F C G	19.252	2	SC02-211RR
E	H D F G			
E	H D F G	18.442	2	G03-825 RR

----- LOCATION=FLORENCE,SC TTYPE=PVIII -----

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	F	G			
E	H	D	F	G	18.294	2	G03-1150
E	H		F	G			
E	H		F	G	18.147	2	SC02-147RR
	H		F	G			
	H		F	G	16.958	2	G03-899 RR
	H			G			
	H			G	16.190	2	SC02-212RR
	H						
	H				15.717	2	N01-11832

----- LOCATION=KINSTON,NC TTYPE=PVIII -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	20	Au02-2814 Au02-3223 COOK G03-1150 G03-680 RR G03-681 RR G03-762 RR G03-825 RR G03-889 RR G03-899 RR N00-377 N01-11832 PRICHARD RR SC02-123RR SC02-134RR SC02-135RR SC02-147RR SC02-163RR SC02-211RR SC02-212RR
REP	2	1 2

Number of Observations Read 40
Number of Observations Used 40

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	20	716.4488880	35.8224444	2.73	0.0163
Error	19	248.9298156	13.1015692		
Corrected Total	39	965.3787036			

R-Square 0.742143
Coeff Var 9.064409
Root MSE 3.619609
YIELD Mean 39.93210

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	0.0116964	0.0116964	0.00	0.9765
VARIETY	19	716.4371916	37.7072206	2.88	0.0131

----- LOCATION=KINSTON,NC TTYPE=PVIII -----

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 19
 Error Mean Square 13.10157
 Critical Value of t 2.09302
 Least Significant Difference 7.5759

Means with the same letter are not significantly different.

t Grouping					Mean	N	VARIETY
			A		48.618	2	G03-825 RR
			A				
B			A		46.800	2	COOK
B			A				
B			A	C	45.810	2	Au02-2814
B			A	C			
B	D		A	C	44.082	2	G03-889 RR
B	D		A	C			
E	B	D	A	C	43.524	2	G03-899 RR
E	B	D	A	C			
E	B	D	A	C	F	41.994	N00-377
E	B	D	A	C	F		
E	B	D	A	C	F	41.706	Au02-3223
E	B	D	A	C	F		
E	B	D	A	C	F	41.166	G03-680 RR
E	B	D		C	F		
E	B	D	G	C	F	40.212	SC02-123RR
E	B	D	G	C	F		
E	B	D	G	C	F	40.212	SC02-147RR
E		D	G	C	F		
E		D	G	C	F	38.754	N01-11832
E		D	G	C	F		
E		D	G	C	F	38.664	SC02-135RR
E		D	G		F		
E		D	G		F	38.088	SC02-134RR
E		D	G		F		
E		D	G		F	37.962	G03-762 RR
E		D	G		F		
E		D	G		F	37.296	G03-681 RR

----- LOCATION=KINSTON,NC TTYPE=PVIII -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping			Mean	N	VARIETY
E	G	F			
E	G	F	36.396	2	PRICHARD RR
E	G	F			
E	G	F	36.072	2	G03-1150
	G	F			
	G	F	35.100	2	SC02-211RR
	G				
	G		33.498	2	SC02-212RR
	G				
	G		32.688	2	SC02-163RR

----- LOCATION=PLAINS,GA TTYPE=PVIII -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	20	Au02-2814 Au02-3223 COOK G03-1150 G03-680 RR G03-681 RR G03-762 RR G03-825 RR G03-889 RR G03-899 RR N00-377 N01-11832 PRICHARD RR SC02-123RR SC02-134RR SC02-135RR SC02-147RR SC02-163RR SC02-211RR SC02-212RR
REP	2	1 2

Number of Observations Read 40
 Number of Observations Used 40

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	20	1413.421981	70.671099	7.13	<.0001
Error	19	188.448978	9.918367		
Corrected Total	39	1601.870959			

R-Square 0.882357
 Coeff Var 6.076917
 Root MSE 3.149344
 YIELD Mean 51.82470

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	15.547347	15.547347	1.57	0.2258
VARIETY	19	1397.874634	73.572349	7.42	<.0001

----- LOCATION=PLAINS,GA TTYPE=PVIII -----

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	19
Error Mean Square	9.918367
Critical Value of t	2.09302
Least Significant Difference	6.5917

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
	62.251	2	Au02-2814
	61.757	2	G03-825 RR
	61.704	2	N00-377
B	60.943	2	N01-11832
B	55.002	2	Au02-3223
D	53.146	2	G03-680 RR
D	53.000	2	G03-889 RR
D	52.559	2	G03-899 RR
D	52.345	2	COOK
D	51.304	2	SC02-211RR
D	50.650	2	G03-681 RR
D	50.490	2	G03-762 RR
D	49.742	2	SC02-163RR
D	49.302	2	SC02-147RR
D	48.995	2	G03-1150

----- LOCATION=PLAINS,GA TTYPE=PVIII -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping			Mean	N	VARIETY
D	F	E			
D	F	G	47.700	2	SC02-212RR
	F	G			
	F	G	44.990	2	SC02-123RR
	F	G			
	F	G	44.749	2	SC02-135RR
	F	G			
	F	G	44.108	2	PRICHARD RR
		G			
		G	41.759	2	SC02-134RR

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	20	Au02-2814 Au02-3223 COOK G03-1150 G03-680 RR G03-681 RR G03-762 RR G03-825 RR G03-889 RR G03-899 RR N00-377 N01-11832 PRICHARD RR SC02-123RR SC02-134RR SC02-135RR SC02-147RR SC02-163RR SC02-211RR SC02-212RR
REP	2	1 2

Number of Observations Read 40
 Number of Observations Used 40

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	20	917.840671	45.892034	2.60	0.0211
Error	19	335.491933	17.657470		
Corrected Total	39	1253.332604			

R-Square 0.732320
 Coeff Var 8.266799
 Root MSE 4.202079
 YIELD Mean 50.83079

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	12.7858426	12.7858426	0.72	0.4054
VARIETY	19	905.0548284	47.6344647	2.70	0.0181

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

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	19
Error Mean Square	17.65747
Critical Value of t	2.09302
Least Significant Difference	8.7951

Means with the same letter are not significantly different.

t	Grouping	Mean	N	VARIETY
	A	58.566	2	Au02-2814
	A			
B	A	56.884	2	COOK
B	A			
B	A C	55.429	2	G03-899 RR
B	A C			
B	A C	55.055	2	G03-762 RR
B	A C			
B	A C	54.615	2	N00-377
B	A C			
B	A C	54.121	2	SC02-135RR
B	A C			
B	D A C	52.959	2	G03-680 RR
B	D A C			
B	D A C	52.706	2	Au02-3223
B	D A C			
B	D A C	52.599	2	SC02-147RR
B	D A C			
B	D A C	52.305	2	SC02-163RR
B	D A C			
B	D A C	51.624	2	G03-825 RR
B	D A C			
B	D A C	51.264	2	SC02-134RR
B	D A C			
B	D A C	50.183	2	SC02-212RR
B	D C			
B	D E C	49.168	2	SC02-211RR
B	D E C			
F	B D E C	48.474	2	PRICHARD RR

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

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

	t Grouping			Mean	N	VARIETY
F	D	E	C			
F	D	E	C	47.299	2	G03-1150
F	D	E	C			
F	D	E	C	47.152	2	G03-889 RR
F	D	E				
F	D	E		44.936	2	G03-681 RR
F		E				
F		E		41.105	2	SC02-123RR
F						
F				40.170	2	N01-11832