

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

11:31 Wednesday, February 1, 2006

LOCATION	TTYPE	VARIETY	REP	CKDATE
BLACKVILLE, SC(A)	PVII	BENNING	.	10/28
		BENNING	1	10/28
		BENNING	2	10/28
JACKSON SPRINGS, NC	PVII	BENNING	.	10/24
		BENNING	1	10/26
		BENNING	2	10/23
KINSTON, NC	PVII	BENNING	.	10/30
		BENNING	1	10/31
		BENNING	2	10/29
PLAINS, GA	PVII	BENNING	.	.
		BENNING	1	.
		BENNING	2	.
STONEVILLE, MS	PVII	BENNING	.	10/31
		BENNING	1	10/31
		BENNING	2	.
TALLASSEE, AL(A)	PVII	BENNING	.	10/17
		BENNING	1	10/17
		BENNING	2	10/17

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	BENNING	2	35.1052	0.0	2.75	33.0	.	14.0	.	.
2	HASKELL RR	2	41.7434	4.5	3.00	32.5	.	14.9	.	.
3	Au02-1126	2	40.8807	-0.5	1.50	28.5	.	11.6	.	.
4	Au02-1223	2	40.1654	1.0	2.75	33.0	.	12.0	.	.
5	Au02-1233	2	29.2772	2.0	2.00	31.5	.	11.9	.	.
6	Au02-2844	2	41.1648	6.5	2.25	31.5	.	14.4	.	.
7	G03-1499 RR	2	34.1900	4.5	1.50	37.0	.	12.9	.	.
8	G03-2338 RR	2	36.2940	0.0	2.50	35.5	.	11.7	.	.
9	G03-397 RR	2	35.6733	1.0	2.50	33.0	.	14.8	.	.
10	G03-434 RR	2	33.6745	1.0	2.25	34.0	.	12.0	.	.
11	G03-503 RR	2	33.6640	-1.0	2.75	35.0	.	14.1	.	.
12	G03-541 RR	2	33.9586	0.5	2.50	40.0	.	13.2	.	.
13	G03-821 RR	2	37.4933	0.0	2.75	35.0	.	13.8	.	.
14	N01-11118	2	40.1233	1.0	2.75	37.0	.	13.1	.	.
15	N01-11491	2	46.3722	5.0	1.50	28.0	.	14.0	.	.
16	N01-11791	2	37.1566	-2.0	1.50	31.5	.	12.0	.	.
17	N02-219	2	40.9333	0.0	3.75	33.0	.	11.1	.	.
18	N02-566	2	37.4933	5.0	2.75	30.0	.	11.8	.	.
19	SC02-020RR	2	36.2098	1.5	2.25	36.5	.	13.6	.	.
20	SC02-053RR	2	36.2098	2.0	3.00	36.0	.	10.7	.	.
21	SC02-054RR	2	.	2.0	3.25	39.0	.	11.1	.	.
22	SC02-176RR	2	41.0806	1.5	2.75	33.0	.	11.7	.	.
23	SC02-208RR	2	37.5459	2.5	1.00	34.0	.	12.1	.	.
24	SC02-210RR	2	35.4840	3.0	2.00	36.0	.	13.0	.	.

----- LOCATION=JACKSON SPRINGS,NC TTYPE=PVII -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	BENNING	2	44.285	0.0	2.0	34.0	.	15.6	.	.
2	HASKELL RR	2	42.721	3.0	2.5	34.0	.	15.6	.	.
3	Au02-1126	2	43.231	2.0	1.5	31.0	.	13.3	.	.
4	Au02-1223	2	42.279	1.0	1.5	32.0	.	13.5	.	.
5	Au02-1233	2	39.916	1.0	2.0	28.0	.	12.3	.	.
6	Au02-2844	2	44.013	3.5	2.5	32.5	.	13.4	.	.
7	G03-1499 RR	2	37.247	0.5	1.5	29.0	.	13.5	.	.
8	G03-2338 RR	2	30.787	-6.0	1.5	26.5	.	11.3	.	.
9	G03-397 RR	2	37.434	1.0	3.0	35.5	.	17.3	.	.
10	G03-434 RR	2	39.984	2.0	3.0	33.0	.	13.4	.	.
11	G03-503 RR	2	42.959	2.0	2.0	37.5	.	17.3	.	.
12	G03-541 RR	2	39.525	2.0	2.5	44.0	.	14.3	.	.
13	G03-821 RR	2	45.441	2.5	2.0	40.0	.	15.7	.	.
14	N01-11118	2	43.758	1.0	3.0	40.0	.	15.0	.	.
15	N01-11491	2	41.905	4.0	2.0	27.5	.	16.0	.	.
16	N01-11791	2	47.056	1.0	2.0	31.5	.	14.5	.	.
17	N02-219	2	38.233	1.5	1.5	34.5	.	15.7	.	.
18	N02-566	2	51.085	9.5	2.0	33.5	.	12.5	.	.
19	SC02-020RR	2	40.494	0.5	3.0	33.5	.	16.1	.	.
20	SC02-053RR	2	35.768	3.0	2.5	35.5	.	13.5	.	.
21	SC02-054RR	2	40.868	1.5	2.5	36.0	.	11.9	.	.
22	SC02-176RR	2	44.030	0.5	3.0	31.0	.	11.9	.	.
23	SC02-208RR	2	38.267	1.5	1.0	33.0	.	12.4	.	.
24	SC02-210RR	2	42.313	3.5	2.0	36.0	.	13.6	.	.

----- LOCATION=KINSTON,NC TTYPE=PVII -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	BENNING	2	50.112	0.0	3.0	45.5	.	18.2	.	.
2	HASKELL RR	2	29.160	0.0	2.5	48.5	.	14.9	.	.
3	Au02-1126	2	43.452	-0.5	2.0	36.5	.	12.9	.	.
4	Au02-1223	2	43.218	0.5	2.5	40.0	.	13.7	.	.
5	Au02-1233	2	43.776	-0.5	2.0	37.5	.	12.8	.	.
6	Au02-2844	2	39.168	1.0	3.0	42.0	.	15.7	.	.
7	G03-1499 RR	2	40.122	-0.5	1.5	42.0	.	15.0	.	.
8	G03-2338 RR	2	48.150	-6.0	1.5	39.5	.	12.7	.	.
9	G03-397 RR	2	38.574	1.5	3.0	47.0	.	18.0	.	.
10	G03-434 RR	2	41.166	-2.0	3.0	44.5	.	15.6	.	.
11	G03-503 RR	2	42.372	-2.0	3.0	45.0	.	16.0	.	.
12	G03-541 RR	2	39.906	1.0	3.0	52.5	.	.	.	.
13	G03-821 RR	2	41.094	-4.5	2.0	47.5	.	14.6	.	.
14	N01-11118	2	35.586	-2.0	2.0	49.5	.	15.7	.	.
15	N01-11491	2	32.598	-2.0	1.5	33.0	.	14.4	.	.
16	N01-11791	2	37.224	-4.0	3.0	43.5	.	14.1	.	.
17	N02-219	2	40.050	-1.5	2.0	42.5	.	16.4	.	.
18	N02-566	2	38.250	-1.5	3.0	39.5	.	12.5	.	.
19	SC02-020RR	2	32.886	1.0	3.0	52.5	.	15.9	.	.
20	SC02-053RR	2	37.008	2.5	4.0	50.0	.	14.3	.	.
21	SC02-054RR	2	30.150	1.5	3.0	48.0	.	12.7	.	.
22	SC02-176RR	2	36.936	-1.0	3.0	42.5	.	13.4	.	.
23	SC02-208RR	2	41.616	0.5	2.0	46.0	.	14.7	.	.
24	SC02-210RR	2	38.268	2.0	2.5	48.0	.	15.4	.	.

----- LOCATION=PLAINS,GA TTYPE=PVII -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	BENNING	2	53.2932	.	2.0	39.0	2.50	14.30	.	.
2	HASKELL RR	2	52.0917	.	2.0	38.5	2.50	15.20	.	.
3	Au02-1126	2	56.3504	.	2.0	37.0	3.00	15.05	.	.
4	Au02-1223	2	49.1948	.	2.0	36.0	2.50	15.30	.	.
5	Au02-1233	2	43.0004	.	2.0	36.0	2.50	15.75	.	.
6	Au02-2844	2	55.5494	.	3.0	36.5	3.00	15.70	.	.
7	G03-1499 RR	2	44.3888	.	1.5	41.0	2.25	13.45	.	.
8	G03-2338 RR	2	53.3600	.	1.5	39.5	2.50	13.60	.	.
9	G03-397 RR	2	44.6558	.	3.0	36.5	2.50	18.80	.	.
10	G03-434 RR	2	52.3053	.	2.0	39.5	2.50	13.45	.	.
11	G03-503 RR	2	51.2507	.	2.5	41.0	2.50	16.80	.	.
12	G03-541 RR	2	49.9023	.	2.0	45.0	2.00	13.95	.	.
13	G03-821 RR	2	53.0129	.	3.0	38.0	2.75	14.70	.	.
14	N01-11118	2	49.1013	.	3.5	42.0	2.75	15.40	.	.
15	N01-11491	2	53.6136	.	3.0	33.5	2.75	17.20	.	.
16	N01-11791	2	53.1464	.	2.0	39.0	2.75	14.45	.	.
17	N02-219	2	62.1443	.	2.5	37.0	2.75	16.75	.	.
18	N02-566	2	58.2594	.	2.0	35.5	3.00	13.60	.	.
19	SC02-020RR	2	54.7083	.	2.0	42.0	2.50	15.00	.	.
20	SC02-053RR	2	50.6099	.	3.0	45.0	2.75	11.40	.	.
21	SC02-054RR	2	49.9958	.	3.0	44.5	2.25	11.55	.	.
22	SC02-176RR	2	49.3550	.	2.5	39.5	2.75	12.15	.	.
23	SC02-208RR	2	48.5006	.	1.5	42.5	2.75	12.65	.	.
24	SC02-210RR	2	45.3500	.	2.0	44.0	2.75	13.40	.	.

----- LOCATION=STONEVILLE,MS TTYPE=PVII -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	BENNING	2	8.0190	0	2	34	3	.	.	.
2	HASKELL RR	2	6.8640	0	2	34	3	.	.	.
3	Au02-1126	2	18.4965	-4	2	32	4	.	.	.
4	Au02-1223	2	14.9160	-3	2	32	3	.	.	.
5	Au02-1233	2	20.3858	-3	2	36	2	.	.	.
6	Au02-2844	2	9.0750	-2	3	36	4	.	.	.
7	G03-1499 RR	2	12.8040	-3	2	32	4	.	.	.
8	G03-2338 RR	2	22.6710	-26	3	34	3	.	.	.
9	G03-397 RR	2	12.1110	1	3	28	3	.	.	.
10	G03-434 RR	2	4.4385	2	3	42	4	.	.	.
11	G03-503 RR	2	8.4150	1	2	32	3	.	.	.
12	G03-541 RR	2	6.1875	1	2	38	4	.	.	.
13	G03-821 RR	2	12.0120	1	3	34	4	.	.	.
14	N01-11118	2	12.0120	3	3	38	3	.	.	.
15	N01-11491	2	10.8735	-4	4	36	2	.	.	.
16	N01-11791	2	13.0845	1	2	32	4	.	.	.
17	N02-219	2	20.1960	-10	2	28	3	.	.	.
18	N02-566	2	8.1510	-23	2	16	3	.	.	.
19	SC02-020RR	2	5.2965	4	3	50	4	.	.	.
20	SC02-053RR	2	1.8480	4	3	40	4	.	.	.
21	SC02-054RR	2	4.7190	3	3	42	4	.	.	.
22	SC02-176RR	2	5.2635	-5	3	38	4	.	.	.
23	SC02-208RR	2	4.4550	-2	3	30	4	.	.	.
24	SC02-210RR	2	5.0160	-2	3	42	4	.	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	BENNING	2	46.6182	0.0	1	28.0	.	.	.	.
2	HASKELL RR	2	45.6036	3.0	1	31.0	.	.	.	.
3	Au02-1126	2	51.7313	1.0	1	23.0	.	.	.	.
4	Au02-1223	2	51.2774	3.5	1	30.0	.	.	.	.
5	Au02-1233	2	51.5444	3.0	1	29.0	.	.	.	.
6	Au02-2844	2	52.0917	7.0	1	19.5	.	.	.	.
7	G03-1499 RR	2	45.3366	4.5	1	27.5	.	.	.	.
8	G03-2338 RR	2	47.9399	-1.5	1	27.5	.	.	.	.
9	G03-397 RR	2	50.8902	2.0	1	30.0	.	.	.	.
10	G03-434 RR	2	45.0162	1.0	1	25.5	.	.	.	.
11	G03-503 RR	2	48.2736	-1.5	1	28.0	.	.	.	.
12	G03-541 RR	2	46.8852	2.0	1	30.0	.	.	.	.
13	G03-821 RR	2	58.1259	2.0	1	33.0	.	.	.	.
14	N01-11118	2	38.4747	0.0	1	30.5	.	.	.	.
15	N01-11491	2	45.4167	2.0	1	28.5	.	.	.	.
16	N01-11791	2	44.1218	1.0	1	32.5	.	.	.	.
17	N02-219	2	55.8831	4.5	1	32.0	.	.	.	.
18	N02-566	2	37.7138	2.0	1	31.5	.	.	.	.
19	SC02-020RR	2	45.3366	2.0	1	27.0	.	.	.	.
20	SC02-053RR	2	51.3708	4.5	1	34.5	.	.	.	.
21	SC02-054RR	2	50.1827	3.0	1	29.0	.	.	.	.
22	SC02-176RR	2	44.9361	-1.5	1	24.5	.	.	.	.
23	SC02-208RR	2	52.4789	4.0	1	32.5	.	.	.	.
24	SC02-210RR	2	50.2895	4.0	1	26.5	.	.	.	.

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	24	Au02-1126 Au02-1223 Au02-1233 Au02-2844 BENNING G03-1499 RR G03-2338 RR G03-397 RR G03-434 RR G03-503 RR G03-541 RR G03-821 RR HASKELL RR N01-11118 N01-11491 N01-11791 N02-219 N02-566 SC02-020RR SC02-053RR SC02-054RR SC02-176RR SC02-208RR SC02-210RR
REP	2	1 2

Number of Observations Read 48  
Number of Observations Used 46

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	23	649.4325672	28.2361986	3.10	0.0051
Error	22	200.6457239	9.1202602		
Corrected Total	45	850.0782911			

R-Square 0.763968  
Coeff Var 8.058942  
Root MSE 3.019977  
YIELD Mean 37.47361

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	52.1106399	52.1106399	5.71	0.0258
VARIETY	22	597.3219273	27.1509967	2.98	0.0067



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

## 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	22
Error Mean Square	9.12026
Critical Value of t	2.07387
Least Significant Difference	6.263

Means with the same letter are not significantly different.

t	Grouping	Mean	N	VARIETY
	A	46.372	2	N01-11491
	A			
B	A	41.743	2	HASKELL RR
B	A			
B	A C	41.165	2	Au02-2844
B	A C			
B	A C	41.081	2	SC02-176RR
B	A C			
B	A C	40.933	2	N02-219
B	A C			
B	A C	40.881	2	Au02-1126
B	A C			
B	D A C	40.165	2	Au02-1223
B	D A C			
B	D A C	40.123	2	N01-11118
B	D C			
B	D E C	37.546	2	SC02-208RR
B	D E C			
B	D E C	37.493	2	G03-821 RR
B	D E C			
B	D E C	37.493	2	N02-566
B	D E C			
B	D E C	37.157	2	N01-11791
B	D E C			
B	D E C	36.294	2	G03-2338 RR
B	D E C			
B	D E C	36.210	2	SC02-020RR
B	D E C			
B	D E C	36.210	2	SC02-053RR

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

## The ANOVA Procedure

## t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping					Mean	N	VARIETY
	B	D	E	C			
	B	D	E	C	35.673	2	G03-397 RR
	B	D	E	C			
F	B	D	E	C	35.484	2	SC02-210RR
F		D	E	C			
F		D	E	C	35.105	2	BENNING
F		D	E				
F		D	E		34.190	2	G03-1499 RR
F		D	E				
F		D	E		33.959	2	G03-541 RR
F			E				
F			E		33.675	2	G03-434 RR
F			E				
F			E		33.664	2	G03-503 RR
F							
F					29.277	2	Au02-1233

----- LOCATION=JACKSON SPRINGS,NC TTYPE=PVII -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	24	Au02-1126 Au02-1223 Au02-1233 Au02-2844 BENNING G03-1499 RR G03-2338 RR G03-397 RR G03-434 RR G03-503 RR G03-541 RR G03-821 RR HASKELL RR N01-11118 N01-11491 N01-11791 N02-219 N02-566 SC02-020RR SC02-053RR SC02-054RR SC02-176RR SC02-208RR SC02-210RR
REP	2	1 2

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	24	868.065254	36.169386	1.35	0.2350
Error	23	614.140582	26.701764		
Corrected Total	47	1482.205836			

R-Square 0.585658  
 Coeff Var 12.48159  
 Root MSE 5.167375  
 YIELD Mean 41.39996

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	97.7837521	97.7837521	3.66	0.0682
VARIETY	23	770.2815019	33.4905001	1.25	0.2957

----- LOCATION=JACKSON SPRINGS,NC TTYPE=PVII -----

## 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	26.70176
Critical Value of t	2.06866
Least Significant Difference	10.69

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
	51.085	2	N02-566
			A
B	47.056	2	N01-11791
B			A
B	45.441	2	G03-821 RR
B			A C
B	44.285	2	BENNING
B			A C
B	44.030	2	SC02-176RR
B			A C
B	44.013	2	Au02-2844
B			A C
B	43.758	2	N01-11118
B			A C
B	43.231	2	Au02-1126
B			A C
B	42.959	2	G03-503 RR
B			A C
B	42.721	2	HASKELL RR
B			A C
B	42.313	2	SC02-210RR
B			A C
B	42.279	2	Au02-1223
B			A C
B	41.905	2	N01-11491
B			A C
B D	40.868	2	SC02-054RR
B D			A C
B D	40.494	2	SC02-020RR
B D			A C

----- LOCATION=JACKSON SPRINGS,NC TTYPE=PVII -----

## 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			
B	D	C	39.984	2	G03-434 RR
B	D	C			
B	D	C	39.916	2	Au02-1233
B	D	C			
B	D	C	39.525	2	G03-541 RR
B	D	C			
B	D	C	38.267	2	SC02-208RR
B	D	C			
B	D	C	38.233	2	N02-219
B	D	C			
B	D	C	37.434	2	G03-397 RR
B	D	C			
B	D	C	37.247	2	G03-1499 RR
	D	C			
	D	C	35.768	2	SC02-053RR
	D				
	D		30.787	2	G03-2338 RR

----- LOCATION=KINSTON,NC TTYPE=PVII -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	24	Au02-1126 Au02-1223 Au02-1233 Au02-2844 BENNING G03-1499 RR G03-2338 RR G03-397 RR G03-434 RR G03-503 RR G03-541 RR G03-821 RR HASKELL RR N01-11118 N01-11491 N01-11791 N02-219 N02-566 SC02-020RR SC02-053RR SC02-054RR SC02-176RR SC02-208RR SC02-210RR
REP	2	1 2

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	24	1276.042032	53.168418	1.74	0.0943
Error	23	702.619245	30.548663		
Corrected Total	47	1978.661277			

R-Square 0.644902  
Coeff Var 14.09908  
Root MSE 5.527084  
YIELD Mean 39.20175

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	126.087867	126.087867	4.13	0.0539
VARIETY	23	1149.954165	49.998007	1.64	0.1224

----- LOCATION=KINSTON,NC TTYPE=PVII -----

## 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	30.54866
Critical Value of t	2.06866
Least Significant Difference	11.434

Means with the same letter are not significantly different.

t	Grouping	Mean	N	VARIETY
	A	50.112	2	BENNING
	A			
B	A	48.150	2	G03-2338 RR
B	A			
B	A C	43.776	2	Au02-1233
B	A C			
B	A C	43.452	2	Au02-1126
B	A C			
B	A C	43.218	2	Au02-1223
B	A C			
B	A C	42.372	2	G03-503 RR
B	A C			
B	A C	41.616	2	SC02-208RR
B	A C			
B	D A C	41.166	2	G03-434 RR
B	D A C			
B	D A C	41.094	2	G03-821 RR
B	D A C			
E	B D A C	40.122	2	G03-1499 RR
E	B D A C			
E	B D A C	40.050	2	N02-219
E	B D A C			
E	B D A C	39.906	2	G03-541 RR
E	B D A C			
E	B D A C	39.168	2	Au02-2844
E	B D C			
E	B D C	38.574	2	G03-397 RR
E	B D C			
E	B D C	38.268	2	SC02-210RR

----- LOCATION=KINSTON,NC TTYPE=PVII -----

## 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	C			
E	B	D	C	38.250	2	N02-566
E	B	D	C			
E	B	D	C	37.224	2	N01-11791
E	B	D	C			
E	B	D	C	37.008	2	SC02-053RR
E	B	D	C			
E	B	D	C	36.936	2	SC02-176RR
E		D	C			
E		D	C	35.586	2	N01-11118
E		D	C			
E		D	C	32.886	2	SC02-020RR
E		D	C			
E		D	C	32.598	2	N01-11491
E		D				
E		D		30.150	2	SC02-054RR
E						
E				29.160	2	HASKELL RR



----- LOCATION=PLAINS,GA TTYPE=PVII -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	24	Au02-1126 Au02-1223 Au02-1233 Au02-2844 BENNING G03-1499 RR G03-2338 RR G03-397 RR G03-434 RR G03-503 RR G03-541 RR G03-821 RR HASKELL RR N01-11118 N01-11491 N01-11791 N02-219 N02-566 SC02-020RR SC02-053RR SC02-054RR SC02-176RR SC02-208RR SC02-210RR
REP	2	1 2

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	24	940.878341	39.203264	5.43	<.0001
Error	23	166.078181	7.220790		
Corrected Total	47	1106.956522			

R-Square 0.849969  
 Coeff Var 5.229876  
 Root MSE 2.687153  
 YIELD Mean 51.38081

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	13.2350405	13.2350405	1.83	0.1889
VARIETY	23	927.6433005	40.3323174	5.59	<.0001

----- LOCATION=PLAINS,GA TTYPE=PVII -----

## 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	7.22079
Critical Value of t	2.06866
Least Significant Difference	5.5588

Means with the same letter are not significantly different.

t Grouping					Mean	N	VARIETY
			A		62.144	2	N02-219
			A				
	B		A		58.259	2	N02-566
	B						
	B		C		56.350	2	Au02-1126
	B		C				
	B		C	D	55.549	2	Au02-2844
	B		C	D			
	B	E	C	D	54.708	2	SC02-020RR
	B	E	C	D			
F	B	E	C	D	53.614	2	N01-11491
F	B	E	C	D			
F	B	E	C	D	53.360	2	G03-2338 RR
F	B	E	C	D			
F	B	E	C	D	53.293	2	BENNING
F	B	E	C	D			
F	B	E	C	D	53.146	2	N01-11791
F	B	E	C	D			
F	B	E	C	D	53.013	2	G03-821 RR
F		E	C	D			
F		E	C	D	52.305	2	G03-434 RR
F		E	C	D			
F		E	C	D	52.092	2	HASKELL RR
F		E	C	D			
F		E	C	D	51.251	2	G03-503 RR
F		E		D			
F		E	G	D	50.610	2	SC02-053RR
F		E	G	D			
F	H	E	G	D	49.996	2	SC02-054RR

----- LOCATION=PLAINS,GA TTYPE=PVII -----

## The ANOVA Procedure

## t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping					Mean	N	VARIETY
F	H	E	G				
F	H	E	G	I	49.902	2	G03-541 RR
F	H	E	G	I			
F	H	E	G	I	49.355	2	SC02-176RR
F	H	E	G	I			
F	H	E	G	I	49.195	2	Au02-1223
F	H		G	I			
F	H		G	I	49.101	2	N01-11118
F	H		G	I			
F	H	J	G	I	48.501	2	SC02-208RR
	H	J	G	I			
	H	J	G	I	45.350	2	SC02-210RR
	H	J		I			
	H	J		I	44.656	2	G03-397 RR
		J		I			
		J		I	44.389	2	G03-1499 RR
		J					
		J			43.000	2	Au02-1233

----- LOCATION=STONEVILLE,MS TTYPE=PVII -----

## The ANOVA Procedure

## Class Level Information

Class	Levels	Values
VARIETY	24	Au02-1126 Au02-1223 Au02-1233 Au02-2844 BENNING G03-1499 RR G03-2338 RR G03-397 RR G03-434 RR G03-503 RR G03-541 RR G03-821 RR HASKELL RR N01-11118 N01-11491 N01-11791 N02-219 N02-566 SC02-020RR SC02-053RR SC02-054RR SC02-176RR SC02-208RR SC02-210RR
REP	2	1 2

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	24	1583.417571	65.975732	8.27	<.0001
Error	23	183.499081	7.978221		
Corrected Total	47	1766.916651			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.896147	27.41083	2.824574	10.30459

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	68.019218	68.019218	8.53	0.0077
VARIETY	23	1515.398353	65.886885	8.26	<.0001

----- LOCATION=STONEVILLE,MS TTYPE=PVII -----

## 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	7.978221
Critical Value of t	2.06866
Least Significant Difference	5.8431

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	A	22.671	2	G03-2338 RR
	A			
B	A	20.386	2	Au02-1233
B	A			
B	A	20.196	2	N02-219
B	A			
B	A C	18.497	2	Au02-1126
B	C			
B	D C	14.916	2	Au02-1223
	D C			
E	D C	13.085	2	N01-11791
E	D C			
E	D C	12.804	2	G03-1499 RR
E	D			
E	D F	12.111	2	G03-397 RR
E	D F			
E	G D F	12.012	2	N01-11118
E	G D F			
E	G D F	12.012	2	G03-821 RR
E	G D F			
H	E G D F	10.874	2	N01-11491
H	E G D F			
H	E G D F I	9.075	2	Au02-2844
H	E G F I			
H	E G F I	8.415	2	G03-503 RR
H	E G F I			
H	E G F I	8.151	2	N02-566
H	E G F I			
H	E G F I	8.019	2	BENNING

----- LOCATION=STONEVILLE,MS TTYPE=PVII -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY
H	G		F I			
H	G	J	F I	6.864	2	HASKELL RR
H	G	J	I			
H	G	J	I	6.188	2	G03-541 RR
H		J	I			
H		J	I	5.297	2	SC02-020RR
H		J	I			
H		J	I	5.264	2	SC02-176RR
		J	I			
		J	I	5.016	2	SC02-210RR
		J	I			
		J	I	4.719	2	SC02-054RR
		J	I			
		J	I	4.455	2	SC02-208RR
		J	I			
		J	I	4.439	2	G03-434 RR
		J				
		J		1.848	2	SC02-053RR

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	24	Au02-1126 Au02-1223 Au02-1233 Au02-2844 BENNING G03-1499 RR G03-2338 RR G03-397 RR G03-434 RR G03-503 RR G03-541 RR G03-821 RR HASKELL RR N01-11118 N01-11491 N01-11791 N02-219 N02-566 SC02-020RR SC02-053RR SC02-054RR SC02-176RR SC02-208RR SC02-210RR
REP	2	1 2

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	24	1998.291979	83.262166	1.57	0.1404
Error	23	1216.550691	52.893508		
Corrected Total	47	3214.842670			

R-Square 0.621583  
Coeff Var 15.07915  
Root MSE 7.272792  
YIELD Mean 48.23077

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	944.588532	944.588532	17.86	0.0003
VARIETY	23	1053.703446	45.813193	0.87	0.6333

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

## 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	52.89351
Critical Value of t	2.06866
Least Significant Difference	15.045

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	58.126	2	G03-821 RR
A			
A	55.883	2	N02-219
A			
B A	52.479	2	SC02-208RR
B A			
B A	52.092	2	Au02-2844
B A			
B A	51.731	2	Au02-1126
B A			
B A	51.544	2	Au02-1233
B A			
B A	51.371	2	SC02-053RR
B A			
B A	51.277	2	Au02-1223
B A			
B A	50.890	2	G03-397 RR
B A			
B A	50.289	2	SC02-210RR
B A			
B A	50.183	2	SC02-054RR
B A			
B A	48.274	2	G03-503 RR
B A			
B A	47.940	2	G03-2338 RR
B A			
B A	46.885	2	G03-541 RR
B A			
B A	46.618	2	BENNING



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

## 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	45.604	2	HASKELL RR
B	A			
B	A	45.417	2	N01-11491
B	A			
B	A	45.337	2	G03-1499 RR
B	A			
B	A	45.337	2	SC02-020RR
B	A			
B	A	45.016	2	G03-434 RR
B	A			
B	A	44.936	2	SC02-176RR
B	A			
B	A	44.122	2	N01-11791
B				
B		38.475	2	N01-11118
B				
B		37.714	2	N02-566