LIST OF CHECK MATURITY DATES FOR EACH TEST
12:47 Wednesday, February 1, 2006

LOCATION	TTYPE	VARIETY	REP	CKDATE
ATHENS,GA(A)	UVI	DILLON	.	10/04
		DILLON	1	10/02
		DILLON	2	10/06
		DILLON	3	10/04
BEAUMONT,TX	UVI	DILLON	.	.
		DILLON	1	.
BELLE MINA,AL	UVI	DILLON	.	10/03
		DILLON	1	10/03
		DILLON	2	10/03
		DILLON	3	10/03
BIXBY,OK	UVI	DILLON	.	11/14
		DILLON	1	11/14
		DILLON	2	11/14
		DILLON	3	11/14
BLACKVILLE,SC(A)	UVI	DILLON	.	10/16
		DILLON	1	10/15
		DILLON	2	10/18
		DILLON	3	10/17
BOSSIER CITY,LA	UVI	DILLON	.	10/07
		DILLON	1	10/20
		DILLON	2	10/02
		DILLON	3	09/30
CALHOUN,GA	UVI	DILLON	.	10/04
		DILLON	1	10/05
		DILLON	2	10/03
		DILLON	3	10/05
CLEMSON,SC	UVI	DILLON	.	10/18
		DILLON	1	10/19
		DILLON	2	10/19
		DILLON	3	10/18
FAIRHOPE,AL	UVI	DILLON	.	10/12
		DILLON	1	10/10
		DILLON	2	10/09
		DILLON	3	10/18
PETERSBURG,VA	UVI	DILLON	.	10/14
		DILLON	1	10/17

LIST OF CHECK MATURITY DATES FOR EACH TEST

12:47 Wednesday, February 1, 2006

LOCATION	TTYPE	VARIETY	REP	CKDATE
PETERSBURG,VA	UVI	DILLON	2	10/17
		DILLON	3	10/10
PINE TREE,AR	UVI	DILLON	.	10/07
		DILLON	1	10/08
		DILLON	2	10/07
		DILLON	3	10/07
PLYMOUTH,NC(A)	UVI	DILLON	.	10/17
		DILLON	1	10/19
		DILLON	2	10/17
		DILLON	3	10/16
STONEVILLE,MS	UVI	DILLON	.	10/03
		DILLON	1	10/03
		DILLON	2	.
		DILLON	3	.
STUTTGART,AR	UVI	DILLON	.	.
		DILLON	1	.
		DILLON	2	.
		DILLON	3	.
SUFFOLK,VA	UVI	DILLON	.	11/04
		DILLON	1	11/02
		DILLON	2	11/02
		DILLON	3	11/08
TALLASSEE,AL(A)	UVI	DILLON	.	10/03
		DILLON	1	10/03
		DILLON	2	10/03
		DILLON	3	10/03
TIFTON,GA	UVI	DILLON	.	10/06
		DILLON	1	10/03
		DILLON	2	10/08
		DILLON	3	10/08
WARSAW,VA	UVI	DILLON	.	10/16
		DILLON	1	10/17
		DILLON	2	10/16
		DILLON	3	10/16

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	3	63.7418	0.0000	1.00000	33.3333	2.00000	14.0667	.	.
2	BOGGS RR	3	44.8026	-0.5000	1.50000	34.0000	2.50000	9.3500	.	.
3	NC-ROY	3	62.1309	7.0000	2.66667	36.3333	2.00000	12.2000	.	.
4	Au00-027	3	.	.	.	.	.	.	.	.
5	N01-10974	3	54.8062	2.6667	1.33333	30.3333	1.83333	19.9000	.	.
6	NCC02-307	3	59.8703	-0.6667	1.00000	31.6667	2.00000	13.9333	.	.
7	NCC02-317	3	56.5684	-3.0000	1.00000	30.0000	2.16667	16.0667	.	.
8	NCC02-329	3	59.7279	2.3333	1.00000	28.6667	2.00000	13.6000	.	.
9	NTCPPR-01-163	3	50.3740	-1.6667	1.00000	35.6667	1.83333	12.2000	.	.
10	R96-1559	3	59.4342	-1.3333	1.00000	35.0000	2.16667	12.3667	.	.
11	R97-1801	3	58.4997	-1.0000	1.00000	26.5000	2.00000	12.1500	.	.
12	R98-209	3	62.1042	4.3333	1.33333	33.6667	2.50000	13.5667	.	.
13	R99-1888	3	56.7909	-2.0000	1.33333	29.6667	2.16667	15.6667	.	.
14	R99-541	3	56.3993	-3.6667	1.00000	29.3333	2.16667	12.6000	.	.
15	SC00-1741	3	47.7663	12.6667	2.00000	38.6667	2.50000	12.1000	.	.
16	SC02-059RR	3	55.0020	13.0000	2.50000	36.5000	2.25000	11.6500	.	.
17	VS20-394	3	47.9621	4.6667	1.00000	34.3333	2.00000	12.2333	.	.
18	VS21-443	3	61.9262	-7.3333	1.00000	29.0000	2.50000	14.5000	.	.
19	VS21-449	3	54.3968	-0.6667	1.00000	23.6667	2.16667	17.4667	.	.
20	VS22-523	3	44.3621	-4.5000	1.00000	26.0000	2.25000	14.4000	.	.
21	VS22-524	3	50.7745	-7.6667	1.00000	30.0000	2.16667	12.7667	.	.

---------- LOCATION=BEAUMONT,TX TTYPE=UVI ----------

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	1	31.0	.	.	.	2.8	.	.	.
2	BOGGS RR	1	29.6	.	.	.	2.5	.	.	.
3	NC ROY	1	39.4	.	.	.	2.3	.	.	.
4	Au00-027	1	18.1	.	.	.	2.5	.	.	.
5	N01-10974	1	26.9	.	.	.	2.3	.	.	.
6	NCC02-307	1	23.3	.	.	.	2.8	.	.	.
7	NCC02-317	1	22.2	.	.	.	3.0	.	.	.
8	NCC02-329	1	25.6	.	.	.	2.2	.	.	.
9	NTCPPR-01-163	1	30.4	.	.	.	2.5	.	.	.
10	R96-1559	1	23.1	.	.	.	4.0	.	.	.
11	R97-1801	1	25.2	.	.	.	3.5	.	.	.
12	R98-209	1	19.1	.	.	.	3.0	.	.	.
13	R99-1888	1	20.9	.	.	.	3.0	.	.	.
14	R99-541	1	22.7	.	.	.	3.0	.	.	.
15	SC00-1741	1	16.9	.	.	.	3.0	.	.	.
16	SC02-059RR	1	14.2	.	.	.	2.2	.	.	.
17	VS20-394	1	21.0	.	.	.	2.3	.	.	.
18	VS21-443	1	14.5	.	.	.	2.8	.	.	.
19	VS21-449	1	20.2	.	.	.	2.8	.	.	.
20	VS22-523	1	13.6	.	.	.	4.5	.	.	.
21	VS22-524	1	22.9	.	.	.	4.0	.	.	.

---------- LOCATION=BELLE MINA,AL TTYPE=UVI ----------

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	3	50.5075	0.0000	1.66667	39.0000	1.00000	12.6000	.	.
2	BOGGS RR	3	45.2565	4.0000	1.33333	38.3333	1.66667	10.1667	.	.
3	NC-ROY	3	47.2857	4.3333	1.66667	34.0000	1.00000	11.0000	.	.
4	Au00-027	3	42.8268	8.3333	1.33333	36.3333	2.33333	10.9333	.	.
5	N01-10974	3	47.6862	4.0000	1.33333	39.6667	1.66667	18.8333	.	.
6	NCC02-307	3	47.6773	0.0000	1.33333	32.3333	1.00000	11.9000	.	.
7	NCC02-317	3	44.4555	0.0000	1.33333	39.6667	1.00000	13.2333	.	.
8	NCC02-329	3	50.5075	3.0000	1.33333	35.0000	1.00000	10.0667	.	.
9	NTCPPR-01-163	3	52.1273	1.3333	1.33333	38.0000	1.00000	12.7000	.	.
10	R96-1559	3	52.9283	0.6667	1.33333	37.6667	1.33333	10.5000	.	.
11	R97-1801	3	44.0461	5.3333	1.66667	38.6667	1.00000	10.4000	.	.
12	R98-209	3	54.9486	2.6667	2.00000	40.3333	1.50000	12.1667	.	.
13	R99-1888	3	40.8065	0.0000	2.00000	41.3333	1.00000	13.9333	.	.
14	R99-541	3	47.2768	0.0000	1.66667	41.0000	1.00000	11.0000	.	.
15	SC00-1741	3	39.5961	14.0000	2.33333	36.6667	2.00000	12.6333	.	.
16	SC02-059RR	3	46.4669	9.3333	3.00000	35.0000	2.16667	10.1000	.	.
17	VS20-394	3	41.6164	7.3333	2.33333	42.3333	2.83333	13.3667	.	.
18	VS21-443	3	39.6050	1.3333	1.33333	41.0000	1.00000	11.3667	.	.
19	VS21-449	3	48.0778	0.0000	2.66667	32.0000	1.00000	14.1000	.	.
20	VS22-523	3	43.2273	0.0000	1.00000	35.6667	1.50000	10.8667	.	.
21	VS22-524	3	46.8763	0.0000	1.66667	35.0000	1.00000	9.7000	.	.

---------- LOCATION=BIXBY,OK TTYPE=UVI ----------

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	3	32.4480	0	.	27	.	13.5	.	.
2	BOGGS RR	3	37.5573	0	.	30	.	12.1	.	.
3	NC-ROY	3	34.6453	0	.	30	.	11.8	.	.
4	Au00-027	3	32.2987	0	.	28	.	12.7	.	.
5	N01-10974	3	25.6640	0	.	23	.	17.8	.	.
6	NCC02-307	3	34.2187	0	.	23	.	13.0	.	.
7	NCC02-317	3	34.7627	0	.	29	.	13.4	.	.
8	NCC02-329	3	35.6373	0	.	25	.	11.8	.	.
9	NTCPPR-01-163	3	34.5493	0	.	29	.	13.0	.	.
10	R96-1559	3	34.0800	0	.	26	.	12.4	.	.
11	R97-1801	3	35.9040	0	.	23	.	12.1	.	.
12	R98-209	3	36.0320	0	.	28	.	14.5	.	.
13	R99-1888	3	32.5120	0	.	25	.	13.6	.	.
14	R99-541	3	36.5973	0	.	25	.	11.9	.	.
15	SC00-1741	3	32.6293	0	.	29	.	13.3	.	.
16	SC02-059RR	3	36.6720	0	.	31	.	11.2	.	.
17	VS20-394	3	40.2880	0	.	29	.	13.5	.	.
18	VS21-443	3	29.3333	0	.	23	.	13.0	.	.
19	VS21-449	3	28.4693	0	.	24	.	16.1	.	.
20	VS22-523	3	19.4667	0	.	28	.	12.6	.	.
21	VS22-524	3	32.5547	0	.	32	.	11.9	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	6	35.1228	-0.0000	2.00000	33.0000	.	12.2	.	.
2	BOGGS RR	6	35.2490	9.0000	3.33333	32.0000	.	10.9	.	.
3	NC-ROY	6	42.0590	7.0000	2.83333	32.3333	.	11.0	.	.
4	Au00-027	6	34.3513	11.3333	2.33333	28.3333	.	12.8	.	.
5	N01-10974	6	37.8580	4.3333	3.16667	35.6667	.	20.0	.	.
6	NCC02-307	6	35.8241	2.0000	1.50000	28.0000	.	12.1	.	.
7	NCC02-317	6	35.4664	-0.6667	1.33333	28.0000	.	14.0	.	.
8	NCC02-329	6	31.9387	-3.6667	1.33333	24.6667	.	10.9	.	.
9	NTCPPR-01-163	6	34.6389	2.0000	3.33333	31.6667	.	12.3	.	.
10	R96-1559	6	37.8299	2.0000	1.33333	29.0000	.	11.0	.	.
11	R97-1801	6	35.6277	-1.0000	2.00000	27.6667	.	10.3	.	.
12	R98-209	6	41.0420	4.6667	2.66667	30.6667	.	12.0	.	.
13	R99-1888	6	34.7300	-1.6667	1.33333	24.6667	.	13.8	.	.
14	R99-541	6	34.2251	-2.0000	2.16667	24.0000	.	12.4	.	.
15	SC00-1741	6	40.2145	12.3333	2.83333	34.3333	.	14.4	.	.
16	SC02-059RR	6	39.3869	13.6667	1.50000	32.3333	.	11.4	.	.
17	VS20-394	6	38.2718	8.3333	2.33333	30.3333	.	13.6	.	.
18	VS21-443	6	30.1854	-13.0000	1.00000	24.6667	.	11.1	.	.
19	VS21-449	6	31.6792	-2.6667	1.00000	21.0000	.	14.9	.	.
20	VS22-523	6	29.8628	-11.6667	1.00000	25.6667	.	11.6	.	.
21	VS22-524	6	27.8990	-1.6667	2.00000	30.3333	.	12.2	.	.

---------- LOCATION=BOSSIER CITY,LA TTYPE=UVI ----------

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	3	32.452	0.0000	1.66667	31.0000	4.00000	.	.	.
2	BOGGS RR	3	38.368	22.3333	2.00000	34.3333	4.00000	.	.	.
3	NC-ROY	3	32.596	35.0000	2.00000	35.3333	4.33333	.	.	.
4	Au00-027	3	22.260	16.0000	2.00000	29.3333	4.33333	.	.	.
5	N01-10974	3	38.884	-6.6667	1.00000	25.6667	2.66667	.	.	.
6	NCC02-307	3	50.124	-4.0000	1.00000	29.6667	3.33333	.	.	.
7	NCC02-317	3	36.060	-5.6667	1.00000	30.6667	3.33333	.	.	.
8	NCC02-329	3	44.328	-1.0000	1.00000	25.0000	2.33333	.	.	.
9	NTCPPR-01-163	3	37.152	0.6667	2.00000	35.3333	3.00000	.	.	.
10	R96-1559	3	33.800	3.6667	1.00000	27.6667	3.66667	.	.	.
11	R97-1801	3	42.484	5.3333	1.33333	25.3333	3.66667	.	.	.
12	R98-209	3	35.004	12.3333	1.66667	34.0000	3.66667	.	.	.
13	R99-1888	3	44.528	-5.0000	1.66667	27.0000	3.00000	.	.	.
14	R99-541	3	45.176	-1.3333	1.66667	25.6667	2.00000	.	.	.
15	SC00-1741	3	27.508	35.6667	2.00000	34.6667	4.33333	.	.	.
16	SC02-059RR	3	19.456	35.6667	1.66667	34.6667	4.00000	.	.	.
17	VS20-394	3	31.988	25.0000	2.00000	32.3333	4.33333	.	.	.
18	VS21-443	3	41.752	-10.3333	1.00000	21.6667	3.00000	.	.	.
19	VS21-449	3	35.488	-5.3333	1.00000	18.3333	1.66667	.	.	.
20	VS22-523	3	27.640	-13.3333	1.00000	22.6667	3.66667	.	.	.
21	VS22-524	3	40.968	-12.6667	1.66667	31.3333	3.00000	.	.	.

---------- LOCATION=CALHOUN,GA TTYPE=UVI ----------

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	3	50.2125	0.0000	1.66667	41.6667	1.66667	14.00	.	.
2	BOGGS RR	3	23.1132	1.6667	4.66667	39.0000	3.66667	5.95	.	.
3	NC-ROY	3	48.9147	13.6667	2.66667	41.6667	2.00000	11.50	.	.
4	Au00-027	3	35.7822	10.3333	2.66667	38.6667	1.66667	12.00	.	.
5	N01-10974	3	40.8189	-1.0000	2.33333	42.0000	2.00000	19.00	.	.
6	NCC02-307	3	54.0441	0.0000	1.00000	37.3333	2.00000	13.50	.	.
7	NCC02-317	3	45.2376	-3.3333	1.66667	39.3333	1.33333	15.00	.	.
8	NCC02-329	3	54.3840	-2.3333	1.33333	35.0000	1.33333	14.00	.	.
9	NTCPPR-01-163	3	59.6061	2.3333	2.00000	44.0000	1.66667	7.95	.	.
10	R96-1559	3	49.8108	-0.3333	1.33333	40.6667	2.00000	12.50	.	.
11	R97-1801	3	46.2573	-1.0000	1.00000	33.6667	1.66667	11.00	.	.
12	R98-209	3	49.7181	-1.3333	2.00000	41.0000	2.33333	12.00	.	.
13	R99-1888	3	48.4821	-0.6667	2.66667	35.6667	2.00000	13.50	.	.
14	R99-541	3	54.1986	-1.3333	3.00000	35.6667	2.00000	13.00	.	.
15	SC00-1741	3	42.7965	9.3333	2.00000	42.3333	2.00000	13.50	.	.
16	SC02-059RR	3	23.8239	12.6667	2.66667	40.0000	2.66667	11.50	.	.
17	VS20-394	3	37.1418	13.6667	2.00000	43.3333	2.66667	13.00	.	.
18	VS21-443	3	49.8108	-3.0000	4.33333	33.0000	1.66667	14.00	.	.
19	VS21-449	3	40.2318	-0.3333	2.33333	33.6667	2.00000	17.50	.	.
20	VS22-523	3	43.0437	-0.6667	1.33333	34.3333	2.33333	12.50	.	.
21	VS22-524	3	38.8722	-3.3333	3.00000	40.0000	2.66667	11.50	.	.

---------- LOCATION=CLEMSON,SC TTYPE=UVI ----------

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	3	54.8302	-0.00000	2.00000	36.3333	.	13.3	.	.
2	BOGGS RR	3	50.0261	4.66667	3.00000	31.3333	.	11.0	.	.
3	NC-ROY	3	55.6859	-0.33333	3.66667	40.3333	.	11.5	.	.
4	Au00-027	3	53.0489	7.00000	3.33333	35.0000	.	11.9	.	.
5	N01-10974	3	49.0933	-0.00000	3.16667	37.0000	.	20.2	.	.
6	NCC02-307	3	54.7040	-5.33333	1.66667	33.6667	.	13.0	.	.
7	NCC02-317	3	45.1448	-4.66667	1.16667	31.6667	.	12.6	.	.
8	NCC02-329	3	43.7772	-5.33333	1.66667	29.6667	.	10.7	.	.
9	NTCPPR-01-163	3	57.8530	-1.00000	2.83333	38.6667	.	13.1	.	.
10	R96-1559	3	55.4053	-3.33333	2.00000	36.3333	.	11.6	.	.
11	R97-1801	3	49.2617	-1.66667	2.16667	29.6667	.	10.5	.	.
12	R98-209	3	61.1703	4.00000	2.33333	37.0000	.	13.6	.	.
13	R99-1888	3	60.1534	-1.66667	2.83333	32.0000	.	15.5	.	.
14	R99-541	3	47.7047	-2.66667	3.50000	31.0000	.	13.3	.	.
15	SC00-1741	3	56.4924	9.33333	2.83333	36.6667	.	13.3	.	.
16	SC02-059RR	3	51.1693	6.33333	2.00000	35.0000	.	10.0	.	.
17	VS20-394	3	49.6053	1.33333	2.66667	35.0000	.	12.3	.	.
18	VS21-443	3	48.0834	-9.00000	2.00000	28.3333	.	12.8	.	.
19	VS21-449	3	38.5874	-6.00000	1.83333	27.6667	.	14.6	.	.
20	VS22-523	3	46.1688	-9.33333	1.83333	30.3333	.	12.6	.	.
21	VS22-524	3	48.2447	-6.00000	2.83333	32.3333	.	12.2	.	.

---------- LOCATION=FAIRHOPE,AL TTYPE=UVI ----------

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	3	26.280	0.0000	.	28.0000	.	.	.	.
2	BOGGS RR	3	34.596	7.6667	.	22.6667	.	.	.	.
3	NC-ROY	3	30.380	5.3333	.	27.6667	.	.	.	.
4	Au00-027	3	6.792	10.6667	.	24.6667	.	.	.	.
5	N01-10974	3	14.328	0.3333	.	25.0000	.	.	.	.
6	NCC02-307	3	28.784	10.3333	.	23.3333	.	.	.	.
7	NCC02-317	3	21.228	10.3333	.	18.6667	.	.	.	.
8	NCC02-329	3	28.256	3.0000	.	23.3333	.	.	.	.
9	NTCPPR-01-163	3	30.148	-2.0000	.	29.3333	.	.	.	.
10	R96-1559	3	29.636	4.6667	.	26.3333	.	.	.	.
11	R97-1801	3	29.728	3.3333	.	19.6667	.	.	.	.
12	R98-209	3	28.148	5.3333	.	23.0000	.	.	.	.
13	R99-1888	3	31.396	-2.6667	.	21.3333	.	.	.	.
14	R99-541	3	30.472	4.0000	.	21.3333	.	.	.	.
15	SC00-1741	3	34.664	12.6667	.	31.0000	.	.	.	.
16	SC02-059RR	3	36.740	13.0000	.	30.3333	.	.	.	.
17	VS20-394	3	36.372	6.3333	.	28.6667	.	.	.	.
18	VS21-443	3	26.516	-3.3333	.	17.3333	.	.	.	.
19	VS21-449	3	19.376	4.6667	.	18.0000	.	.	.	.
20	VS22-523	3	17.036	3.6667	.	19.6667	.	.	.	.
21	VS22-524	3	21.336	5.3333	.	19.6667	.	.	.	.

---------- LOCATION=PETERSBURG,VA TTYPE=UVI ----------

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	3	30.7627	-0.0000	1	27.0000	1.66667	14.0000	.	.
2	BOGGS RR	3	29.9627	9.3333	1	25.0000	1.66667	10.2000	.	.
3	NC-ROY	3	28.0213	11.3333	1	24.3333	1.66667	11.5667	.	.
4	Au00-027	3	20.4693	11.3333	1	28.0000	1.66667	11.9333	.	.
5	N01-10974	3	24.5973	9.3333	1	25.0000	1.66667	15.8000	.	.
6	NCC02-307	3	27.6693	-0.0000	1	21.6667	1.33333	11.9667	.	.
7	NCC02-317	3	26.3893	-0.0000	1	21.3333	1.33333	13.3667	.	.
8	NCC02-329	3	26.4107	-0.0000	1	19.0000	1.66667	10.8000	.	.
9	NTCPPR-01-163	3	24.9280	-0.0000	1	25.0000	1.66667	13.8000	.	.
10	R96-1559	3	22.0800	-0.0000	1	24.6667	1.33333	10.5667	.	.
11	R97-1801	3	27.1893	-0.0000	1	23.0000	1.33333	11.6667	.	.
12	R98-209	3	26.1760	-0.0000	1	26.3333	2.00000	13.0667	.	.
13	R99-1888	3	26.6240	-0.0000	1	21.6667	1.66667	12.2667	.	.
14	R99-541	3	27.0507	5.6667	1	21.0000	2.00000	11.9333	.	.
15	SC00-1741	3	23.7013	25.3333	1	33.3333	1.33333	17.0000	.	.
16	SC02-059RR	3	17.6640	22.0000	1	29.3333	1.66667	11.7667	.	.
17	VS20-394	3	25.0347	10.3333	1	29.3333	1.33333	12.0667	.	.
18	VS21-443	3	29.9093	-0.0000	1	20.3333	1.00000	12.4000	.	.
19	VS21-449	3	20.9600	4.6667	1	20.3333	1.66667	13.5333	.	.
20	VS22-523	3	28.2027	-0.0000	1	22.6667	1.33333	11.4000	.	.
21	VS22-524	3	27.4240	-0.0000	1	22.3333	1.33333	10.7333	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	3	23.7104	0.0000	.	23.0000	1.50000	12.8667	.	.
2	BOGGS RR	3	35.2744	7.3333	.	20.6667	2.00000	10.0667	.	.
3	NC-ROY	3	36.1984	6.6667	.	25.3333	2.00000	10.6333	.	.
4	Au00-027	3	38.4776	5.0000	.	20.0000	2.00000	12.3333	.	.
5	N01-10974	3	19.5272	-0.6667	.	19.0000	2.16667	16.2000	.	.
6	NCC02-307	3	37.1560	2.0000	.	23.0000	2.50000	14.7333	.	.
7	NCC02-317	3	29.9320	1.3333	.	20.3333	2.16667	15.4000	.	.
8	NCC02-329	3	43.0864	0.6667	.	16.3333	2.16667	11.0667	.	.
9	NTCPPR-01-163	3	53.0880	2.0000	.	18.3333	2.33333	13.5667	.	.
10	R96-1559	3	45.3656	0.3333	.	19.3333	2.00000	12.6000	.	.
11	R97-1801	3	38.6736	-1.6667	.	17.0000	1.83333	11.4000	.	.
12	R98-209	3	41.8880	-1.6667	.	15.0000	2.16667	13.6667	.	.
13	R99-1888	3	45.4048	-2.6667	.	15.3333	2.33333	14.7667	.	.
14	R99-541	3	50.0136	-2.6667	.	14.6667	2.16667	12.5333	.	.
15	SC00-1741	3	57.8592	11.3333	.	21.3333	1.33333	12.4667	.	.
16	SC02-059RR	3	56.0392	9.6667	.	25.3333	1.50000	11.5333	.	.
17	VS20-394	3	33.3760	8.6667	.	15.3333	2.16667	11.5667	.	.
18	VS21-443	3	39.8440	-4.6667	.	13.3333	2.00000	14.4333	.	.
19	VS21-449	3	45.2760	0.3333	.	23.3333	2.50000	18.8333	.	.
20	VS22-523	3	38.0296	-8.6667	.	15.3333	2.66667	13.1333	.	.
21	VS22-524	3	30.5256	-9.0000	.	15.6667	2.16667	12.7000	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	3	51.4910	0.0000	2.00000	42.0000	.	14.0	.	.
2	BOGGS RR	3	29.6980	1.6667	3.33333	40.6667	.	11.4	.	.
3	NC-ROY	3	52.0283	1.6667	4.00000	42.3333	.	12.7	.	.
4	Au00-027	3	49.7447	1.6667	3.00000	38.6667	.	13.1	.	.
5	N01-10974	3	43.1210	1.6667	3.00000	41.3333	.	21.7	.	.
6	NCC02-307	3	50.2407	-3.3333	1.66667	39.6667	.	13.8	.	.
7	NCC02-317	3	54.6427	-3.3333	2.00000	38.0000	.	15.9	.	.
8	NCC02-329	3	46.4173	1.0000	2.00000	35.3333	.	13.3	.	.
9	NTCPPR-01-163	3	52.7310	-0.6667	2.33333	45.3333	.	14.2	.	.
10	R96-1559	3	49.3313	-1.3333	1.66667	38.6667	.	12.3	.	.
11	R97-1801	3	45.6217	-2.3333	2.66667	34.3333	.	11.4	.	.
12	R98-209	3	52.0283	1.6667	3.00000	43.3333	.	14.5	.	.
13	R99-1888	3	47.8847	-5.3333	3.00000	37.3333	.	14.9	.	.
14	R99-541	3	44.1750	-3.0000	3.00000	33.3333	.	13.7	.	.
15	SC00-1741	3	40.8787	11.6667	3.00000	44.6667	.	14.7	.	.
16	SC02-059RR	3	27.6623	8.6667	3.66667	43.3333	.	11.5	.	.
17	VS20-394	3	36.1357	1.6667	3.00000	44.3333	.	15.3	.	.
18	VS21-443	3	48.5667	-15.0000	2.00000	32.6667	.	14.3	.	.
19	VS21-449	3	39.3803	-7.6667	2.33333	32.0000	.	16.2	.	.
20	VS22-523	3	42.4390	-13.0000	2.33333	32.6667	.	12.7	.	.
21	VS22-524	3	36.2597	-14.6667	2.66667	37.6667	.	12.5	.	.

---------- LOCATION=STONEVILLE,MS TTYPE=UVI ----------

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	3	37.521	0	2	36	2	10.9	44.9	18.7
2	BOGGS RR	3	19.679	0	2	38	2	8.3	47.0	17.3
3	NC-ROY	3	19.877	5	2	26	3	9.2	45.2	15.0
4	Au00-027	3	18.766	17	3	32	3	10.4	43.2	18.6
5	N01-10974	3	23.408	-2	3	34	3	12.2	50.8	17.2
6	NCC02-307	3	43.780	-2	2	34	2	12.8	39.0	20.9
7	NCC02-317	3	42.955	-1	2	32	3	13.3	41.5	20.4
8	NCC02-329	3	31.097	-1	2	26	2	10.0	44.8	21.0
9	NTCPPR-01-163	3	33.297	2	2	30	2	12.8	43.8	19.7
10	R96-1559	3	42.691	0	2	28	3	10.3	42.4	18.6
11	R97-1801	3	33.022	1	2	34	2	10.7	39.9	21.8
12	R98-209	3	33.902	2	2	36	3	10.0	41.4	18.7
13	R99-1888	3	32.494	-10	3	28	4	11.1	41.3	21.3
14	R99-541	3	34.265	-8	3	28	3	11.2	43.8	20.1
15	SC00-1741	3	5.720	11	2	40	2	11.0	35.9	20.0
16	SC02-059RR	3	9.152	25	3	40	2	9.1	37.5	16.5
17	VS20-394	3	14.091	9	3	26	4	10.8	45.1	14.8
18	VS21-443	3	39.820	-12	2	26	2	13.4	41.0	20.3
19	VS21-449	3	31.207	-12	2	24	3	14.8	42.9	20.2
20	VS22-523	3	36.146	-12	2	24	3	13.9	42.2	20.0
21	VS22-524	3	40.557	-12	2	24	2	11.8	41.6	20.3

---------- LOCATION=STUTTGART,AR TTYPE=UVI ----------

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	3	63.0450	.	1.66667	27.6667	.	.	.	.
2	BOGGS RR	3	55.8450	.	3.00000	33.6667	.	.	.	.
3	NC-ROY	3	54.1450	.	2.83333	30.3333	.	.	.	.
4	Au00-027	3	49.3000	.	3.66667	25.6667	.	.	.	.
5	N01-10974	3	52.4200	.	2.16667	26.3333	.	.	.	.
6	NCC02-307	3	57.3650	.	1.50000	25.0000	.	.	.	.
7	NCC02-317	3	50.3950	.	1.50000	24.6667	.	.	.	.
8	NCC02-329	3	54.5450	.	1.33333	22.6667	.	.	.	.
9	NTCPPR-01-163	3	48.6675	.	1.66667	26.6667	.	.	.	.
10	R96-1559	3	55.9950	.	1.83333	28.6667	.	.	.	.
11	R97-1801	3	48.5800	.	1.50000	23.6667	.	.	.	.
12	R98-209	3	55.3000	.	2.00000	29.0000	.	.	.	.
13	R99-1888	3	60.5900	.	1.83333	24.6667	.	.	.	.
14	R99-541	3	56.7525	.	2.83333	25.6667	.	.	.	.
15	SC00-1741	3	51.1600	.	2.00000	32.3333	.	.	.	.
16	SC02-059RR	3	55.8850	.	3.50000	34.3333	.	.	.	.
17	VS20-394	3	51.1700	.	3.33333	33.6667	.	.	.	.
18	VS21-443	3	62.1850	.	1.16667	21.6667	.	.	.	.
19	VS21-449	3	53.2400	.	1.16667	20.3333	.	.	.	.
20	VS22-523	3	48.5400	.	1.33333	22.0000	.	.	.	.
21	VS22-524	3	54.9150	.	1.50000	23.3333	.	.	.	.

---------- LOCATION=SUFFOLK,VA TTYPE=UVI ----------

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	3	43.4667	0.00000	1.50000	39.6667	3.00000	16.6667	.	.
2	BOGGS RR	3	40.9667	-2.00000	2.33333	40.6667	1.33333	13.6667	.	.
3	NC-ROY	3	43.2667	6.66667	2.83333	46.3333	2.00000	15.9667	.	.
4	Au00-027	3	39.1333	0.00000	1.83333	41.3333	1.66667	15.8333	.	.
5	N01-10974	3	36.8000	2.00000	1.33333	43.0000	4.33333	24.2667	.	.
6	NCC02-307	3	42.9333	-2.00000	1.00000	37.6667	3.00000	14.3667	.	.
7	NCC02-317	3	40.3333	-2.00000	1.50000	38.0000	4.00000	15.0000	.	.
8	NCC02-329	3	43.9667	-2.00000	1.00000	32.6667	2.00000	14.0000	.	.
9	NTCPPR-01-163	3	45.5333	-2.00000	1.83333	40.3333	3.33333	15.8333	.	.
10	R96-1559	3	42.1333	-2.00000	1.00000	39.3333	3.66667	12.8333	.	.
11	R97-1801	3	43.6333	-2.00000	1.50000	36.0000	3.66667	12.8000	.	.
12	R98-209	3	45.0333	-2.00000	2.16667	40.6667	4.66667	14.6000	.	.
13	R99-1888	3	44.5667	-2.00000	2.16667	38.0000	5.00000	15.2667	.	.
14	R99-541	3	41.4000	-2.00000	1.83333	36.3333	4.33333	13.0667	.	.
15	SC00-1741	3	31.4000	6.66667	1.50000	45.6667	1.00000	17.7333	.	.
16	SC02-059RR	3	33.8000	9.33333	1.83333	44.3333	1.33333	14.1000	.	.
17	VS20-394	3	39.2500	4.00000	1.25000	43.0000	2.00000	17.9500	.	.
18	VS21-443	3	39.6333	-2.00000	2.16667	36.6667	4.00000	12.4667	.	.
19	VS21-449	3	34.2667	-2.00000	1.00000	34.0000	4.66667	15.5333	.	.
20	VS22-523	3	36.8000	-2.00000	3.00000	38.0000	4.33333	11.9333	.	.
21	VS22-524	3	31.7333	-2.00000	2.00000	40.0000	4.33333	10.8667	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	3	39.0532	0.0000	1	20.3333	1.50000	15.8667	.	.
2	BOGGS RR	3	35.2262	4.0000	1	20.0000	1.00000	13.0000	.	.
3	NC-ROY	3	43.5121	4.3333	1	23.0000	1.33333	13.2000	.	.
4	Au00-027	3	23.3892	8.3333	1	23.0000	1.50000	13.3000	.	.
5	N01-10974	3	43.2451	4.0000	1	21.0000	1.50000	20.6333	.	.
6	NCC02-307	3	42.5598	0.0000	1	19.6667	1.66667	15.5000	.	.
7	NCC02-317	3	36.4989	0.0000	1	20.6667	1.50000	17.6333	.	.
8	NCC02-329	3	36.0361	3.0000	1	18.3333	1.16667	16.5333	.	.
9	NTCPPR-01-163	3	34.8168	1.3333	1	21.3333	1.16667	18.0000	.	.
10	R96-1559	3	47.1077	0.6667	1	23.0000	1.50000	16.1000	.	.
11	R97-1801	3	37.7004	5.3333	1	19.3333	1.16667	16.8333	.	.
12	R98-209	3	38.3501	2.6667	1	22.6667	2.16667	14.7000	.	.
13	R99-1888	3	37.5580	0.0000	1	21.6667	1.66667	18.7667	.	.
14	R99-541	3	31.3992	0.0000	1	14.6667	1.50000	13.4667	.	.
15	SC00-1741	3	48.2825	14.0000	1	31.6667	2.00000	15.8333	.	.
16	SC02-059RR	3	43.6812	9.3333	1	24.3333	1.50000	10.9667	.	.
17	VS20-394	3	49.1992	7.3333	1	24.0000	1.50000	14.8000	.	.
18	VS21-443	3	26.7534	1.3333	1	16.3333	1.33333	16.9000	.	.
19	VS21-449	3	27.0471	0.0000	1	16.6667	1.66667	18.4667	.	.
20	VS22-523	3	23.3803	0.0000	1	17.0000	2.33333	13.7000	.	.
21	VS22-524	3	39.3380	0.0000	1	18.0000	1.16667	13.8667	.	.

---------- LOCATION=TIFTON,GA TTYPE=UVI ----------

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	3	53.2625	0.0000	1.66667	30.6667	2.00000	15.0	.	.
2	BOGGS RR	3	46.6569	3.0000	1.00000	32.6667	2.00000	13.0	.	.
3	NC-ROY	3	56.9826	9.3333	1.66667	31.3333	2.00000	15.5	.	.
4	Au00-027	3	57.6431	4.6667	1.66667	28.0000	2.00000	15.0	.	.
5	N01-10974	3	51.1765	3.0000	1.33333	31.3333	1.66667	23.0	.	.
6	NCC02-307	3	53.8188	1.6667	1.00000	28.0000	2.00000	16.0	.	.
7	NCC02-317	3	53.5754	2.6667	1.00000	26.6667	2.00000	19.0	.	.
8	NCC02-329	3	50.7941	3.6667	2.00000	23.3333	2.00000	15.5	.	.
9	NTCPPR-01-163	3	54.2708	1.6667	2.00000	32.6667	1.66667	15.0	.	.
10	R96-1559	3	58.0603	0.3333	1.00000	28.6667	1.66667	13.0	.	.
11	R97-1801	3	57.1912	4.6667	1.33333	21.3333	1.33333	13.0	.	.
12	R98-209	3	64.1097	5.0000	1.66667	29.0000	2.00000	15.0	.	.
13	R99-1888	3	53.6450	2.6667	2.00000	28.0000	2.66667	17.0	.	.
14	R99-541	3	52.5324	1.0000	1.66667	25.3333	1.33333	16.0	.	.
15	SC00-1741	3	49.6816	10.6667	1.33333	33.3333	2.00000	17.0	.	.
16	SC02-059RR	3	53.5407	14.3333	1.00000	31.3333	1.33333	15.5	.	.
17	VS20-394	3	55.9743	6.0000	1.33333	24.0000	2.33333	17.5	.	.
18	VS21-443	3	64.8746	-3.3333	1.00000	22.0000	1.66667	16.5	.	.
19	VS21-449	3	51.6980	4.0000	1.33333	22.6667	2.00000	22.0	.	.
20	VS22-523	3	51.6633	-4.0000	1.33333	21.6667	2.00000	15.5	.	.
21	VS22-524	3	54.4794	-4.0000	1.33333	24.0000	1.33333	15.0	.	.

---------- LOCATION=WARSAW,VA TTYPE=UVI ----------

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	DILLON	3	40.9845	0.0000	1.50000	42.0000	3.00000	13.1000	.	.
2	BOGGS RR	3	36.6146	6.3333	2.60000	42.6667	1.86667	10.7333	.	.
3	NC-ROY	3	45.9418	5.3333	2.43333	49.6667	2.70000	11.6667	.	.
4	Au00-027	3	41.5897	8.3333	1.93333	42.0000	1.50000	12.5000	.	.
5	N01-10974	3	37.1575	5.6667	2.60000	43.3333	4.03333	20.5000	.	.
6	NCC02-307	3	49.4484	-1.6667	1.30000	42.0000	2.73333	12.7000	.	.
7	NCC02-317	3	42.2839	-7.3333	1.40000	39.3333	3.23333	12.9000	.	.
8	NCC02-329	3	36.5078	-6.3333	1.50000	37.0000	3.53333	10.5667	.	.
9	NTCPPR-01-163	3	45.8706	1.6667	2.00000	44.6667	3.03333	13.3000	.	.
10	R96-1559	3	43.1116	0.0000	1.60000	44.3333	3.90000	11.1667	.	.
11	R97-1801	3	44.5445	2.6667	2.00000	38.0000	2.83333	11.0000	.	.
12	R98-209	3	48.0333	1.3333	1.86667	46.0000	3.33333	13.3667	.	.
13	R99-1888	3	43.4142	-1.3333	2.43333	39.0000	4.13333	13.8333	.	.
14	R99-541	3	45.5324	-3.6667	2.40000	37.3333	3.40000	12.6667	.	.
15	SC00-1741	3	37.9674	12.3333	2.10000	48.3333	1.66667	14.5333	.	.
16	SC02-059RR	3	34.7545	9.3333	2.86667	44.0000	2.00000	10.3667	.	.
17	VS20-394	3	34.4786	7.3333	1.83333	45.3333	2.30000	13.4333	.	.
18	VS21-443	3	44.5534	-14.3333	2.00000	36.0000	2.50000	11.7333	.	.
19	VS21-449	3	42.0258	-11.0000	1.60000	35.6667	2.83333	13.5333	.	.
20	VS22-523	3	42.9692	-17.6667	1.50000	33.3333	1.93333	10.9000	.	.
21	VS22-524	3	41.9190	-11.0000	2.36667	40.6667	3.53333	11.0000	.	.

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	21	Au00-027 BOGGS RR DILLON N01-10974 NC-ROY NCC02-307 NCC02-317 NCC02-329 NTCPPR-01-163 R96-1559 R97-1801 R98-209 R99-1888 R99-541 SC00-1741 SC02-059RR VS20-394 VS21-443 VS21-449 VS22-523 VS22-524
REP	3	1 2 3

Number of Observations Read 63
Number of Observations Used 56

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	21	2641.184997	125.770714	7.03	<.0001
Error	34	608.683641	17.902460		
Corrected Total	55	3249.868638			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.812705	7.595176	4.231130	55.70812

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	888.706992	444.353496	24.82	<.0001
VARIETY	19	1752.478006	92.235685	5.15	<.0001

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

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	17.90246
Critical Value of t	2.03224
Least Significant Difference	7.3635
Harmonic Mean of Cell Sizes	2.727273

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY
		A		63.742	3	DILLON
		A				
B		A		62.131	3	NC-ROY
B		A				
B		A		62.104	3	R98-209
B		A				
B		A		61.926	3	VS21-443
B		A				
B		A	C	59.870	3	NCC02-307
B		A	C			
B		A	C	59.728	3	NCC02-329
B		A	C			
B		A	C	59.434	3	R96-1559
B		A	C			
B		A	C	58.500	2	R97-1801
B		A	C			
B	D	A	C	56.791	3	R99-1888
B	D	A	C			
B	D	A	C	56.568	3	NCC02-317
B	D	A	C			
B	D	A	C	56.399	3	R99-541
B	D		C			
B	D	E	C	55.002	2	SC02-059RR
B	D	E	C			
B	D	E	C	54.806	3	N01-10974
	D	E	C			

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

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	54.397	3	VS21-449
	D	E			
F	D	E	50.775	3	VS22-524
F	D	E			
F	D	E	50.374	3	NTCPPR-01-163
F		E			
F		E	47.962	3	VS20-394
F		E			
F		E	47.766	3	SC00-1741
F					
F			44.803	2	BOGGS RR
F					
F			44.362	2	VS22-523

---------- LOCATION=BEAUMONT,TX TTYPE=UVI ----------

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	21	Au00-027 BOGGS RR DILLON N01-10974 NC ROY NCC02-307 NCC02-317 NCC02-329 NTCPPR-01-163 R96-1559 R97-1801 R98-209 R99-1888 R99-541 SC00-1741 SC02-059RR VS20-394 VS21-443 VS21-449 VS22-523 VS22-524
REP	1	1

Number of Observations Read 21
Number of Observations Used 21

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	20	789.4295238	39.4714762	.	.
Error	0	0.0000000	.		
Corrected Total	20	789.4295238			

R-Square	Coeff Var	Root MSE	YIELD Mean
1.000000	.	.	22.89524

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	0	0.0000000	.	.	.
VARIETY	20	789.4295238	39.4714762	.	.

---------- LOCATION=BEAUMONT,TX TTYPE=UVI ----------

The ANOVA Procedure

Level of VARIETY	N	YIELD Mean	YIELD Std Dev
Au00-027	1	18.1000000	.
BOGGS RR	1	29.6000000	.
DILLON	1	31.0000000	.
N01-10974	1	26.9000000	.
NC ROY	1	39.4000000	.
NCC02-307	1	23.3000000	.
NCC02-317	1	22.2000000	.
NCC02-329	1	25.6000000	.
NTCPPR-01-163	1	30.4000000	.
R96-1559	1	23.1000000	.
R97-1801	1	25.2000000	.
R98-209	1	19.1000000	.
R99-1888	1	20.9000000	.
R99-541	1	22.7000000	.
SC00-1741	1	16.9000000	.
SC02-059RR	1	14.2000000	.
VS20-394	1	21.0000000	.
VS21-443	1	14.5000000	.
VS21-449	1	20.2000000	.
VS22-523	1	13.6000000	.
VS22-524	1	22.9000000	.

---------- LOCATION=BELLE MINA,AL TTYPE=UVI ----------

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	21	Au00-027 BOGGS RR DILLON N01-10974 NC-ROY NCC02-307 NCC02-317 NCC02-329 NTCPPR-01-163 R96-1559 R97-1801 R98-209 R99-1888 R99-541 SC00-1741 SC02-059RR VS20-394 VS21-443 VS21-449 VS22-523 VS22-524
REP	3	1 2 3

Number of Observations Read	63
Number of Observations Used	63

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	22	1121.315680	50.968895	0.76	0.7496
Error	40	2677.525016	66.938125		
Corrected Total	62	3798.840696			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.295173	17.64352	8.181572	46.37154

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	10.688122	5.344061	0.08	0.9234
VARIETY	20	1110.627558	55.531378	0.83	0.6663

---------- LOCATION=BELLE MINA,AL TTYPE=UVI ----------

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	40
Error Mean Square	66.93813
Critical Value of t	2.02108
Least Significant Difference	13.501

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	54.949	3	R98-209
A			
B A	52.928	3	R96-1559
B A			
B A	52.127	3	NTCPPR-01-163
B A			
B A	50.508	3	DILLON
B A			
B A	50.508	3	NCC02-329
B A			
B A	48.078	3	VS21-449
B A			
B A	47.686	3	N01-10974
B A			
B A	47.677	3	NCC02-307
B A			
B A	47.286	3	NC-ROY
B A			
B A	47.277	3	R99-541
B A			
B A	46.876	3	VS22-524
B A			
B A	46.467	3	SC02-059RR
B A			
B A	45.257	3	BOGGS RR
B A			
B A	44.456	3	NCC02-317
B A			
B A	44.046	3	R97-1801

---------- LOCATION=BELLE MINA,AL TTYPE=UVI ----------

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	43.227	3	VS22-523
B A			
B A	42.827	3	Au00-027
B A			
B A	41.616	3	VS20-394
B			
B	40.807	3	R99-1888
B			
B	39.605	3	VS21-443
B			
B	39.596	3	SC00-1741

---------- LOCATION=BIXBY,OK TTYPE=UVI ----------

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	21	Au00-027 BOGGS RR DILLON N01-10974 NC-ROY NCC02-307 NCC02-317 NCC02-329 NTCPPR-01-163 R96-1559 R97-1801 R98-209 R99-1888 R99-541 SC00-1741 SC02-059RR VS20-394 VS21-443 VS21-449 VS22-523 VS22-524
REP	3	1 2 3

Number of Observations Read 63
Number of Observations Used 63

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	22	1318.079537	59.912706	7.61	<.0001
Error	40	314.776235	7.869406		
Corrected Total	62	1632.855771			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.807223	8.460215	2.805246	33.15810

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	95.455232	47.727616	6.06	0.0050
VARIETY	20	1222.624305	61.131215	7.77	<.0001

---------- LOCATION=BIXBY,OK TTYPE=UVI ----------

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	40
Error Mean Square	7.869406
Critical Value of t	2.02108
Least Significant Difference	4.6292

Means with the same letter are not significantly different.

t Grouping			Mean	N	VARIETY
	A		40.288	3	VS20-394
	A				
B	A		37.557	3	BOGGS RR
B	A				
B	A	C	36.672	3	SC02-059RR
B	A	C			
B	A	C	36.597	3	R99-541
B	A	C			
B	A	C	36.032	3	R98-209
B	A	C			
B	A	C	35.904	3	R97-1801
B		C			
B		C	35.637	3	NCC02-329
B		C			
B		C	34.763	3	NCC02-317
B		C			
B		C	34.645	3	NC-ROY
B		C			
B		C	34.549	3	NTCPPR-01-163
B		C			
B		C	34.219	3	NCC02-307
B		C			
B		C	34.080	3	R96-1559
		C			
	D	C	32.629	3	SC00-1741
	D	C			
	D	C	32.555	3	VS22-524
	D	C			
	D	C	32.512	3	R99-1888

---------- LOCATION=BIXBY,OK TTYPE=UVI ----------

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	D C			
	D C	32.448	3	DILLON
	D C			
	D C	32.299	3	Au00-027
	D			
E	D	29.333	3	VS21-443
E	D			
E	D	28.469	3	VS21-449
E				
E		25.664	3	N01-10974
	F	19.467	3	VS22-523

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	21	Au00-027 BOGGS RR DILLON N01-10974 NC-ROY NCC02-307 NCC02-317 NCC02-329 NTCPPR-01-163 R96-1559 R97-1801 R98-209 R99-1888 R99-541 SC00-1741 SC02-059RR VS20-394 VS21-443 VS21-449 VS22-523 VS22-524
REP	3	1 2 3

Number of Observations Read 126
Number of Observations Used 126

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	22	2425.132125	110.233278	7.95	<.0001
Error	103	1427.503101	13.859253		
Corrected Total	125	3852.635226			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.629474	10.51551	3.722802	35.40297

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	749.766144	374.883072	27.05	<.0001
VARIETY	20	1675.365982	83.768299	6.04	<.0001

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

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	103
Error Mean Square	13.85925
Critical Value of t	1.98326
Least Significant Difference	4.2627

Means with the same letter are not significantly different.

t Grouping			Mean	N	VARIETY
	A		42.059	6	NC-ROY
	A				
	A		41.042	6	R98-209
	A				
	A		40.214	6	SC00-1741
	A				
B	A		39.387	6	SC02-059RR
B	A				
B	A	C	38.272	6	VS20-394
B	A	C			
B	A	C	37.858	6	N01-10974
B	A	C			
B	A	C	37.830	6	R96-1559
B		C			
B	D	C	35.824	6	NCC02-307
B	D	C			
B	D	C	35.628	6	R97-1801
B	D	C			
B	D	C	35.466	6	NCC02-317
B	D	C			
B	D	C	35.249	6	BOGGS RR
	D	C			
	D	C	35.123	6	DILLON
	D	C			
	D	C	34.730	6	R99-1888
	D	C			
	D	C	34.639	6	NTCPPR-01-163
	D	C			
E	D	C	34.351	6	Au00-027

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

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping			Mean	N	VARIETY
E	D	C			
E	D	C	34.225	6	R99-541
E	D				
E	D	F	31.939	6	NCC02-329
E	D	F			
E	D	F	31.679	6	VS21-449
E		F			
E		F	30.185	6	VS21-443
		F			
		F	29.863	6	VS22-523
		F			
		F	27.899	6	VS22-524

---------- LOCATION=BOSSIER CITY,LA TTYPE=UVI ----------

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	21	Au00-027 BOGGS RR DILLON N01-10974 NC-ROY NCC02-307 NCC02-317 NCC02-329 NTCPPR-01-163 R96-1559 R97-1801 R98-209 R99-1888 R99-541 SC00-1741 SC02-059RR VS20-394 VS21-443 VS21-449 VS22-523 VS22-524
REP	3	1 2 3

Number of Observations Read 63
Number of Observations Used 63

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	22	4631.529737	210.524079	8.97	<.0001
Error	40	939.306967	23.482674		
Corrected Total	62	5570.836704			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.831389	13.42501	4.845893	36.09600

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	1057.028009	528.514005	22.51	<.0001
VARIETY	20	3574.501728	178.725086	7.61	<.0001

---------- LOCATION=BOSSIER CITY,LA TTYPE=UVI ----------

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	40
Error Mean Square	23.48267
Critical Value of t	2.02108
Least Significant Difference	7.9967

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY
		A		50.124	3	NCC02-307
		A				
B		A		45.176	3	R99-541
B		A				
B		A	C	44.528	3	R99-1888
B		A	C			
B		A	C	44.328	3	NCC02-329
B		A	C			
B	D	A	C	42.484	3	R97-1801
B	D		C			
B	D	E	C	41.752	3	VS21-443
B	D	E	C			
B	D	E	C	40.968	3	VS22-524
B	D	E	C			
F B	D	E	C	38.884	3	N01-10974
F B	D	E	C			
F B	D	E	C	38.368	3	BOGGS RR
F	D	E	C			
F	D	E	C	37.152	3	NTCPPR-01-163
F	D	E				
F	D	E		36.060	3	NCC02-317
F	D	E				
F G	D	E		35.488	3	VS21-449
F G	D	E				
F G	D	E		35.004	3	R98-209
F G		E				
F G		E		33.800	3	R96-1559
F G						
F G				32.596	3	NC-ROY

---------- LOCATION=BOSSIER CITY,LA TTYPE=UVI ----------

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
F G				
F G		32.452	3	DILLON
F G				
F G		31.988	3	VS20-394
G				
G	H	27.640	3	VS22-523
G	H			
G	H	27.508	3	SC00-1741
	H			
I	H	22.260	3	Au00-027
I				
I		19.456	3	SC02-059RR

---------- LOCATION=CALHOUN,GA TTYPE=UVI ----------

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	21	Au00-027 BOGGS RR DILLON N01-10974 NC-ROY NCC02-307 NCC02-317 NCC02-329 NTCPPR-01-163 R96-1559 R97-1801 R98-209 R99-1888 R99-541 SC00-1741 SC02-059RR VS20-394 VS21-443 VS21-449 VS22-523 VS22-524
REP	3	1 2 3

Number of Observations Read 63
Number of Observations Used 63

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	22	5330.073783	242.276081	20.12	<.0001
Error	40	481.619259	12.040481		
Corrected Total	62	5811.693041			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.917129	7.782619	3.469940	44.58576

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	81.161032	40.580516	3.37	0.0444
VARIETY	20	5248.912750	262.445638	21.80	<.0001

---------- LOCATION=CALHOUN,GA TTYPE=UVI ----------

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	40
Error Mean Square	12.04048
Critical Value of t	2.02108
Least Significant Difference	5.7261

Means with the same letter are not significantly different.

t Grouping					Mean	N	VARIETY
			A		59.606	3	NTCPPR-01-163
			A				
	B		A		54.384	3	NCC02-329
	B		A				
	B		A	C	54.199	3	R99-541
	B		A	C			
	B		A	C	54.044	3	NCC02-307
	B			C			
	B		D	C	50.213	3	DILLON
	B		D	C			
	B		D	C	49.811	3	VS21-443
	B		D	C			
	B		D	C	49.811	3	R96-1559
	B		D	C			
	B		D	C	49.718	3	R98-209
	B		D	C			
	B		D	C	48.915	3	NC-ROY
			D	C			
	E		D	C	48.482	3	R99-1888
	E		D				
	E		D	F	46.257	3	R97-1801
	E		D	F			
	E	G	D	F	45.238	3	NCC02-317
	E	G		F			
	E	G	H	F	43.044	3	VS22-523
	E	G	H	F			
I	E	G	H	F	42.797	3	SC00-1741
I		G	H	F			
I	J	G	H	F	40.819	3	N01-10974

---------- LOCATION=CALHOUN,GA TTYPE=UVI ----------

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY
I	J	G	H			
I	J	G	H	40.232	3	VS21-449
I	J		H			
I	J		H	38.872	3	VS22-524
I	J					
I	J			37.142	3	VS20-394
	J					
	J			35.782	3	Au00-027
			K	23.824	3	SC02-059RR
			K			
			K	23.113	3	BOGGS RR

---------- LOCATION=CLEMSON,SC TTYPE=UVI ----------

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	21	Au00-027 BOGGS RR DILLON N01-10974 NC-ROY NCC02-307 NCC02-317 NCC02-329 NTCPPR-01-163 R96-1559 R97-1801 R98-209 R99-1888 R99-541 SC00-1741 SC02-059RR VS20-394 VS21-443 VS21-449 VS22-523 VS22-524
REP	3	1 2 3

Number of Observations Read 63
Number of Observations Used 63

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	22	2144.546460	97.479385	1.58	0.1039
Error	40	2474.464155	61.861604		
Corrected Total	62	4619.010615			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.464287	15.34733	7.865215	51.24810

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	232.313078	116.156539	1.88	0.1662
VARIETY	20	1912.233382	95.611669	1.55	0.1188

---------- LOCATION=CLEMSON,SC TTYPE=UVI ----------

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	40
Error Mean Square	61.8616
Critical Value of t	2.02108
Least Significant Difference	12.979

Means with the same letter are not significantly different.

t Grouping					Mean	N	VARIETY
			A		61.170	3	R98-209
			A				
	B		A		60.153	3	R99-1888
	B		A				
	B		A	C	57.853	3	NTCPPR-01-163
	B		A	C			
	B	D	A	C	56.492	3	SC00-1741
	B	D	A	C			
	B	D	A	C	55.686	3	NC-ROY
	B	D	A	C			
	B	D	A	C	55.405	3	R96-1559
	B	D	A	C			
	B	D	A	C	54.830	3	DILLON
	B	D	A	C			
	B	D	A	C	54.704	3	NCC02-307
	B	D	A	C			
	B	D	A	C	53.049	3	Au00-027
	B	D	A	C			
E	B	D	A	C	51.169	3	SC02-059RR
E	B	D	A	C			
E	B	D	A	C	50.026	3	BOGGS RR
E	B	D	A	C			
E	B	D	A	C	49.605	3	VS20-394
E	B	D	A	C			
E	B	D	A	C	49.262	3	R97-1801
E	B	D	A	C			
E	B	D	A	C	49.093	3	N01-10974
E	B	D	A	C			
E	B	D	A	C	48.245	3	VS22-524

---------- LOCATION=CLEMSON,SC TTYPE=UVI ----------

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	48.083	3	VS21-443
E	B	D	C			
E	B	D	C	47.705	3	R99-541
E		D	C			
E		D	C	46.169	3	VS22-523
E		D	C			
E		D	C	45.145	3	NCC02-317
E		D				
E		D		43.777	3	NCC02-329
E						
E				38.587	3	VS21-449

---------- LOCATION=FAIRHOPE,AL TTYPE=UVI ----------

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	21	Au00-027 BOGGS RR DILLON N01-10974 NC-ROY NCC02-307 NCC02-317 NCC02-329 NTCPPR-01-163 R96-1559 R97-1801 R98-209 R99-1888 R99-541 SC00-1741 SC02-059RR VS20-394 VS21-443 VS21-449 VS22-523 VS22-524
REP	3	1 2 3

Number of Observations Read 63
Number of Observations Used 63

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	22	3605.583360	163.890153	12.26	<.0001
Error	40	534.709824	13.367746		
Corrected Total	62	4140.293184			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.870852	13.65678	3.656193	26.77200

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	114.399456	57.199728	4.28	0.0207
VARIETY	20	3491.183904	174.559195	13.06	<.0001

---------- LOCATION=FAIRHOPE,AL TTYPE=UVI ----------

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	40
Error Mean Square	13.36775
Critical Value of t	2.02108
Least Significant Difference	6.0335

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	36.740	3	SC02-059RR
A			
B A	36.372	3	VS20-394
B A			
B A C	34.664	3	SC00-1741
B A C			
B A C	34.596	3	BOGGS RR
B A C			
B D A C	31.396	3	R99-1888
B D C			
B D C	30.472	3	R99-541
B D C			
B D C	30.380	3	NC-ROY
D C			
D C	30.148	3	NTCPPR-01-163
D C			
D C	29.728	3	R97-1801
D C			
D C	29.636	3	R96-1559
D C			
D C	28.784	3	NCC02-307
D			
D	28.256	3	NCC02-329
D			
D	28.148	3	R98-209
D			
D E	26.516	3	VS21-443
D E			
D E	26.280	3	DILLON

---------- LOCATION=FAIRHOPE,AL TTYPE=UVI ----------

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	21.336	3	VS22-524
F E			
F E	21.228	3	NCC02-317
F			
F G	19.376	3	VS21-449
F G			
F G	17.036	3	VS22-523
G			
G	14.328	3	N01-10974
H	6.792	3	Au00-027

---------- LOCATION=PETERSBURG,VA TTYPE=UVI ----------

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	21	Au00-027 BOGGS RR DILLON N01-10974 NC-ROY NCC02-307 NCC02-317 NCC02-329 NTCPPR-01-163 R96-1559 R97-1801 R98-209 R99-1888 R99-541 SC00-1741 SC02-059RR VS20-394 VS21-443 VS21-449 VS22-523 VS22-524
REP	3	1 2 3

Number of Observations Read 63
Number of Observations Used 63

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	22	669.9998517	30.4545387	5.53	<.0001
Error	40	220.2484216	5.5062105		
Corrected Total	62	890.2482733			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.752599	9.104718	2.346532	25.77270

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	10.6833757	5.3416879	0.97	0.3878
VARIETY	20	659.3164759	32.9658238	5.99	<.0001

---------- LOCATION=PETERSBURG,VA TTYPE=UVI ----------

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	40
Error Mean Square	5.506211
Critical Value of t	2.02108
Least Significant Difference	3.8722

Means with the same letter are not significantly different.

t Grouping			Mean	N	VARIETY
		A	30.763	3	DILLON
		A			
B		A	29.963	3	BOGGS RR
B		A			
B		A	29.909	3	VS21-443
B		A			
B		A	C	28.203	3	VS22-523
B		A	C			
B		A	C	28.021	3	NC-ROY
B		A	C			
B		A	C	27.669	3	NCC02-307
B		A	C			
B	D	A	C	27.424	3	VS22-524
B	D	A	C			
B	D	A	C	27.189	3	R97-1801
B	D	A	C			
B	D	A	C	27.051	3	R99-541
B	D		C			
B	D		C	26.624	3	R99-1888
B	D		C			
B	D		C	26.411	3	NCC02-329
B	D		C			
B	D		C	26.389	3	NCC02-317
B	D		C			
B	D		C	26.176	3	R98-209
	D		C			
	D	E	C	25.035	3	VS20-394
	D	E	C			
	D	E	C	24.928	3	NTCPPR-01-163

---------- LOCATION=PETERSBURG,VA TTYPE=UVI ----------

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		
F	D	E	C	24.597	3	N01-10974
F	D	E			
F	D	E	G	23.701	3	SC00-1741
F		E	G		
F		E	G	22.080	3	R96-1559
F			G		
F		H	G	20.960	3	VS21-449
		H	G		
		H	G	20.469	3	Au00-027
		H			
		H		17.664	3	SC02-059RR

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	21	Au00-027 BOGGS RR DILLON N01-10974 NC-ROY NCC02-307 NCC02-317 NCC02-329 NTCPPR-01-163 R96-1559 R97-1801 R98-209 R99-1888 R99-541 SC00-1741 SC02-059RR VS20-394 VS21-443 VS21-449 VS22-523 VS22-524
REP	3	1 2 3

Number of Observations Read 63
Number of Observations Used 63

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	22	6005.865672	272.993894	5.02	<.0001
Error	40	2175.330680	54.383267		
Corrected Total	62	8181.196352			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.734106	18.46383	7.374501	39.94027

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	248.935931	124.467965	2.29	0.1145
VARIETY	20	5756.929741	287.846487	5.29	<.0001

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

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	40
Error Mean Square	54.38327
Critical Value of t	2.02108
Least Significant Difference	12.169

Means with the same letter are not significantly different.

t Grouping			Mean	N	VARIETY
		A	57.859	3	SC00-1741
		A			
B		A	56.039	3	SC02-059RR
B		A			
B		A	C	53.088	3	NTCPPR-01-163
B		A	C			
B	D	A	C	50.014	3	R99-541
B	D		C			
B	D	E	C	45.405	3	R99-1888
B	D	E	C			
B	D	E	C	45.366	3	R96-1559
B	D	E	C			
B	D	E	C	45.276	3	VS21-449
	D	E	C			
	D	E	C	43.086	3	NCC02-329
	D	E	C			
F	D	E	C	41.888	3	R98-209
F	D	E				
F	D	E		39.844	3	VS21-443
F	D	E				
F	D	E		38.674	3	R97-1801
F	D	E				
F	D	E		38.478	3	Au00-027
F	D	E				
F	D	E		38.030	3	VS22-523
F		E				
F		E		37.156	3	NCC02-307
F		E				
F		E		36.198	3	NC-ROY

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

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping			Mean	N	VARIETY
F	E				
F	E	G	35.274	3	BOGGS RR
F	E	G			
F	E	G	33.376	3	VS20-394
F		G			
F	H	G	30.526	3	VS22-524
F	H	G			
F	H	G	29.932	3	NCC02-317
	H	G			
	H	G	23.710	3	DILLON
	H				
	H		19.527	3	N01-10974

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	21	Au00-027 BOGGS RR DILLON N01-10974 NC-ROY NCC02-307 NCC02-317 NCC02-329 NTCPPR-01-163 R96-1559 R97-1801 R98-209 R99-1888 R99-541 SC00-1741 SC02-059RR VS20-394 VS21-443 VS21-449 VS22-523 VS22-524
REP	3	1 2 3

Number of Observations Read 63
Number of Observations Used 63

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	22	3416.060385	155.275472	10.69	<.0001
Error	40	581.199895	14.529997		
Corrected Total	62	3997.260280			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.854600	8.511447	3.811823	44.78467

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	14.270301	7.135150	0.49	0.6156
VARIETY	20	3401.790084	170.089504	11.71	<.0001

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

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	40
Error Mean Square	14.53
Critical Value of t	2.02108
Least Significant Difference	6.2903

Means with the same letter are not significantly different.

t Grouping						Mean	N	VARIETY
		A				54.643	3	NCC02-317
		A						
	B	A				52.731	3	NTCPPR-01-163
	B	A						
	B	A		C		52.028	3	R98-209
	B	A		C				
	B	A		C		52.028	3	NC-ROY
	B	A		C				
	B	D	A		C	51.491	3	DILLON
	B	D	A		C			
E	B	D	A		C	50.241	3	NCC02-307
E	B	D	A		C			
E	B	D	A		C	49.745	3	Au00-027
E	B	D	A		C			
E	B	D	A		C	F 49.331	3	R96-1559
E	B	D	A		C	F		
E	B	D	A	G	C	F 48.567	3	VS21-443
E	B	D		G	C	F		
E	B	D		G	C	F 47.885	3	R99-1888
E		D		G	C	F		
E		D	H	G	C	F 46.417	3	NCC02-329
E		D	H	G		F		
E	I	D	H	G		F 45.622	3	R97-1801
E	I		H	G		F		
E	I		H	G		F 44.175	3	R99-541
	I		H	G		F		
	I		H	G		F 43.121	3	N01-10974
	I		H	G				
	I		H	G	J	42.439	3	VS22-523

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

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping			Mean	N	VARIETY
I	H	J			
I K	H	J	40.879	3	SC00-1741
I K		J			
I K		J	39.380	3	VS21-449
K		J			
K		J	36.260	3	VS22-524
K					
K			36.136	3	VS20-394
	L		29.698	3	BOGGS RR
	L				
	L		27.662	3	SC02-059RR

---------- LOCATION=STONEVILLE,MS TTYPE=UVI ----------

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	21	Au00-027 BOGGS RR DILLON N01-10974 NC-ROY NCC02-307 NCC02-317 NCC02-329 NTCPPR-01-163 R96-1559 R97-1801 R98-209 R99-1888 R99-541 SC00-1741 SC02-059RR VS20-394 VS21-443 VS21-449 VS22-523 VS22-524
REP	3	1 2 3

Number of Observations Read 63
Number of Observations Used 63

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	22	7696.201197	349.827327	22.56	<.0001
Error	40	620.183184	15.504580		
Corrected Total	62	8316.384381			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.925426	13.26324	3.937586	29.68795

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	84.701832	42.350916	2.73	0.0773
VARIETY	20	7611.499365	380.574968	24.55	<.0001

---------- LOCATION=STONEVILLE,MS TTYPE=UVI ----------

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	40
Error Mean Square	15.50458
Critical Value of t	2.02108
Least Significant Difference	6.4978

Means with the same letter are not significantly different.

t Grouping			Mean	N	VARIETY
		A	43.780	3	NCC02-307
		A			
		A	42.955	3	NCC02-317
		A			
		A	42.691	3	R96-1559
		A			
B		A	40.557	3	VS22-524
B		A			
B		A	C	39.820	3	VS21-443
B		A	C			
B	D	A	C	37.521	3	DILLON
B	D		C			
B	D		C	36.146	3	VS22-523
B	D		C			
B	D		C	34.265	3	R99-541
	D		C			
	D		C	33.902	3	R98-209
	D					
	D			33.297	3	NTCPPR-01-163
	D					
	D			33.022	3	R97-1801
	D					
	D			32.494	3	R99-1888
	D					
	D			31.207	3	VS21-449
	D					
	D			31.097	3	NCC02-329
		E		23.408	3	N01-10974

---------- LOCATION=STONEVILLE,MS TTYPE=UVI ----------

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	19.877	3	NC-ROY
F E			
F E	19.679	3	BOGGS RR
F E			
F E	18.766	3	Au00-027
F			
F G	14.091	3	VS20-394
G			
H G	9.152	3	SC02-059RR
H			
H	5.720	3	SC00-1741

---------- LOCATION=STUTTGART,AR TTYPE=UVI ----------

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	21	Au00-027 BOGGS RR DILLON N01-10974 NC-ROY NCC02-307 NCC02-317 NCC02-329 NTCPPR-01-163 R96-1559 R97-1801 R98-209 R99-1888 R99-541 SC00-1741 SC02-059RR VS20-394 VS21-443 VS21-449 VS22-523 VS22-524
REP	3	1 2 3

Number of Observations Read 63
Number of Observations Used 54

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	22	977.104762	44.413853	0.85	0.6517
Error	31	1623.866625	52.382794		
Corrected Total	53	2600.971387			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.375669	13.42554	7.237596	53.90917

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	89.3253000	44.6626500	0.85	0.4361
VARIETY	20	887.7794625	44.3889731	0.85	0.6451

---------- LOCATION=STUTTGART,AR TTYPE=UVI ----------

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	31
Error Mean Square	52.38279
Critical Value of t	2.03951
Least Significant Difference	14.041
Harmonic Mean of Cell Sizes	2.210526

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	63.045	1	DILLON
A			
B A	62.185	3	VS21-443
B A			
B A	60.590	3	R99-1888
B A			
B A	57.365	3	NCC02-307
B A			
B A	56.753	2	R99-541
B A			
B A	55.995	2	R96-1559
B A			
B A	55.885	3	SC02-059RR
B A			
B A	55.845	1	BOGGS RR
B A			
B A	55.300	3	R98-209
B A			
B A	54.915	1	VS22-524
B A			
B A	54.545	3	NCC02-329
B A			
B A	54.145	3	NC-ROY
B A			
B A	53.240	3	VS21-449
B A			

---------- LOCATION=STUTTGART,AR TTYPE=UVI ----------

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
B	A	52.420	3	N01-10974
B	A			
B	A	51.170	3	VS20-394
B	A			
B	A	51.160	3	SC00-1741
B	A			
B	A	50.395	3	NCC02-317
B	A			
B	A	49.300	3	Au00-027
B				
B		48.668	2	NTCPPR-01-163
B				
B		48.580	3	R97-1801
B				
B		48.540	3	VS22-523

---------- LOCATION=SUFFOLK,VA TTYPE=UVI ----------

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	21	Au00-027 BOGGS RR DILLON N01-10974 NC-ROY NCC02-307 NCC02-317 NCC02-329 NTCPPR-01-163 R96-1559 R97-1801 R98-209 R99-1888 R99-541 SC00-1741 SC02-059RR VS20-394 VS21-443 VS21-449 VS22-523 VS22-524
REP	3	1 2 3

Number of Observations Read 63
Number of Observations Used 62

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	22	1206.592585	54.845118	3.77	0.0001
Error	39	567.084350	14.540624		
Corrected Total	61	1773.676935			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.680278	9.529584	3.813217	40.01452

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	66.780650	33.390325	2.30	0.1141
VARIETY	20	1139.811935	56.990597	3.92	0.0001

---------- LOCATION=SUFFOLK,VA TTYPE=UVI ----------

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	39
Error Mean Square	14.54062
Critical Value of t	2.02269
Least Significant Difference	6.3721
Harmonic Mean of Cell Sizes	2.930233

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY
		A		45.533	3	NTCPPR-01-163
		A				
B		A		45.033	3	R98-209
B		A				
B		A		44.567	3	R99-1888
B		A				
B		A		43.967	3	NCC02-329
B		A				
B		A		43.633	3	R97-1801
B		A				
B		A		43.467	3	DILLON
B		A				
B		A		43.267	3	NC-ROY
B		A				
B		A	C	42.933	3	NCC02-307
B		A	C			
B		A	C	42.133	3	R96-1559
B		A	C			
B		A	C	41.400	3	R99-541
B		A	C			
B		A	C	40.967	3	BOGGS RR
B		A	C			
B	D	A	C	40.333	3	NCC02-317
B	D	A	C			
E B	D	A	C	39.633	3	VS21-443
E B	D	A	C			

---------- LOCATION=SUFFOLK,VA TTYPE=UVI ----------

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping					Mean	N	VARIETY
E	B	D	A	C	39.250	2	VS20-394
E	B	D		C			
E	B	D		C	39.133	3	Au00-027
E		D		C			
E		D	F	C	36.800	3	N01-10974
E		D	F	C			
E		D	F	C	36.800	3	VS22-523
E		D	F				
E		D	F		34.267	3	VS21-449
E			F				
E			F		33.800	3	SC02-059RR
			F				
			F		31.733	3	VS22-524
			F				
			F		31.400	3	SC00-1741

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	21	Au00-027 BOGGS RR DILLON N01-10974 NC-ROY NCC02-307 NCC02-317 NCC02-329 NTCPPR-01-163 R96-1559 R97-1801 R98-209 R99-1888 R99-541 SC00-1741 SC02-059RR VS20-394 VS21-443 VS21-449 VS22-523 VS22-524
REP	3	1 2 3

Number of Observations Read 63
Number of Observations Used 63

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	22	4109.994006	186.817909	1.65	0.0833
Error	40	4532.128900	113.303223		
Corrected Total	62	8642.122906			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.475577	28.50689	10.64440	37.33974

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	628.832552	314.416276	2.77	0.0744
VARIETY	20	3481.161454	174.058073	1.54	0.1221

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

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	40
Error Mean Square	113.3032
Critical Value of t	2.02108
Least Significant Difference	17.565

Means with the same letter are not significantly different.

t Grouping			Mean	N	VARIETY
		A	49.199	3	VS20-394
		A			
B		A	48.283	3	SC00-1741
B		A			
B		A	47.108	3	R96-1559
B		A			
B		A	C	43.681	3	SC02-059RR
B		A	C			
B		A	C	43.512	3	NC-ROY
B		A	C			
B		A	C	43.245	3	N01-10974
B		A	C			
B		A	C	42.560	3	NCC02-307
B		A	C			
B	D	A	C	39.338	3	VS22-524
B	D	A	C			
B	D	A	C	39.053	3	DILLON
B	D	A	C			
B	D	A	C	38.350	3	R98-209
B	D	A	C			
B	D	A	C	37.700	3	R97-1801
B	D	A	C			
B	D	A	C	37.558	3	R99-1888
B	D	A	C			
B	D	A	C	36.499	3	NCC02-317
B	D	A	C			
B	D	A	C	36.036	3	NCC02-329
B	D	A	C			
B	D	A	C	35.226	3	BOGGS RR

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

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY
B	D	A	C			
B	D	A	C	34.817	3	NTCPPR-01-163
B	D		C			
B	D		C	31.399	3	R99-541
	D		C			
	D		C	27.047	3	VS21-449
	D		C			
	D		C	26.753	3	VS21-443
	D					
	D			23.389	3	Au00-027
	D					
	D			23.380	3	VS22-523

---------- LOCATION=TIFTON,GA TTYPE=UVI ----------

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	21	Au00-027 BOGGS RR DILLON N01-10974 NC-ROY NCC02-307 NCC02-317 NCC02-329 NTCPPR-01-163 R96-1559 R97-1801 R98-209 R99-1888 R99-541 SC00-1741 SC02-059RR VS20-394 VS21-443 VS21-449 VS22-523 VS22-524
REP	3	1 2 3

Number of Observations Read 63
Number of Observations Used 63

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	22	1247.113202	56.686964	3.17	0.0007
Error	40	715.288691	17.882217		
Corrected Total	62	1962.401892			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.635503	7.751489	4.228737	54.55387

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	131.449457	65.724728	3.68	0.0342
VARIETY	20	1115.663745	55.783187	3.12	0.0011

---------- LOCATION=TIFTON,GA TTYPE=UVI ----------

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	40
Error Mean Square	17.88222
Critical Value of t	2.02108
Least Significant Difference	6.9783

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY
		A		64.875	3	VS21-443
		A				
B		A		64.110	3	R98-209
B		A				
B		A	C	58.060	3	R96-1559
B			C			
B		D	C	57.643	3	Au00-027
B		D	C			
B		D	C	57.191	3	R97-1801
		D	C			
		D	C	56.983	3	NC-ROY
		D	C			
E		D	C	55.974	3	VS20-394
E		D	C			
E		D	C	54.479	3	VS22-524
E		D	C			
E		D	C	54.271	3	NTCPPR-01-163
E		D	C			
E		D	C	53.819	3	NCC02-307
E		D	C			
E		D	C	53.645	3	R99-1888
E		D	C			
E	F	D	C	53.575	3	NCC02-317
E	F	D	C			
E	F	D	C	53.541	3	SC02-059RR
E	F	D	C			
E	F	D	C	53.263	3	DILLON
E	F	D	C			
E	F	D	C	52.532	3	R99-541

---------- LOCATION=TIFTON,GA TTYPE=UVI ----------

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY
E	F	D	C			
E	F	D	C	51.698	3	VS21-449
E	F	D	C			
E	F	D	C	51.663	3	VS22-523
E	F	D	C			
E	F	D	C	51.177	3	N01-10974
E	F	D				
E	F	D		50.794	3	NCC02-329
E	F					
E	F			49.682	3	SC00-1741
	F					
	F			46.657	3	BOGGS RR

---------- LOCATION=WARSAW,VA TTYPE=UVI ----------

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	21	Au00-027 BOGGS RR DILLON N01-10974 NC-ROY NCC02-307 NCC02-317 NCC02-329 NTCPPR-01-163 R96-1559 R97-1801 R98-209 R99-1888 R99-541 SC00-1741 SC02-059RR VS20-394 VS21-443 VS21-449 VS22-523 VS22-524
REP	3	1 2 3

Number of Observations Read 63
Number of Observations Used 63

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	22	1191.942892	54.179222	2.85	0.0019
Error	40	759.972560	18.999314		
Corrected Total	62	1951.915451			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.610653	10.40525	4.358820	41.89060

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	108.855474	54.427737	2.86	0.0688
VARIETY	20	1083.087418	54.154371	2.85	0.0024

---------- LOCATION=WARSAW,VA TTYPE=UVI ----------

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	40
Error Mean Square	18.99931
Critical Value of t	2.02108
Least Significant Difference	7.1929

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY
		A		49.448	3	NCC02-307
		A				
B		A		48.033	3	R98-209
B		A				
B		A		45.942	3	NC-ROY
B		A				
B		A		45.871	3	NTCPPR-01-163
B		A				
B		A		45.532	3	R99-541
B		A				
B		A	C	44.553	3	VS21-443
B		A	C			
B		A	C	44.545	3	R97-1801
B		A	C			
B	D	A	C	43.414	3	R99-1888
B	D	A	C			
B	D	A	C	43.112	3	R96-1559
B	D	A	C			
B	D	A	C	42.969	3	VS22-523
B	D	A	C			
B	D	A	C	42.284	3	NCC02-317
B	D		C			
B	D		C	42.026	3	VS21-449
B	D		C			
B	D	E	C	41.919	3	VS22-524
B	D	E	C			
F B	D	E	C	41.590	3	Au00-027
F B	D	E	C			
F B	D	E	C	40.985	3	DILLON

---------- LOCATION=WARSAW,VA TTYPE=UVI ----------

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	37.967	3	SC00-1741
F	D	E			
F	D	E	37.158	3	N01-10974
F	D	E			
F	D	E	36.615	3	BOGGS RR
F	D	E			
F	D	E	36.508	3	NCC02-329
F		E			
F		E	34.755	3	SC02-059RR
F					
F			34.479	3	VS20-394