

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

10:31 Wednesday, February 1, 2006

LOCATION	TTYPE	VARIETY	REP	CKDATE
BIXBY,OK	PV	5601T	.	11/16
		5601T	1	11/16
		5601T	2	11/16
JACKSON, TN	PV	5601T	.	10/10
		5601T	1	10/07
		5601T	2	10/14
PINE TREE, AR	PV	5601T	.	09/27
		5601T	1	09/28
		5601T	2	09/26
PITTSBURG, KS	PV	5601T	.	.
		5601T	1	.
		5601T	2	.
PLYMOUTH, NC (A)	PV	5601T	.	10/06
		5601T	1	10/07
		5601T	2	10/05
PORTAGEVILLE, MO (A)	PV	5601T	.	10/07
		5601T	1	.
		5601T	2	10/07
PROSPER, TX	PV	5601T	.	.
		5601T	1	.
QUEENSTOWN, MD	PV	5601T	.	10/29
		5601T	1	10/30
		5601T	2	10/28
STONEVILLE, MS	PV	5601T	.	09/17
		5601T	1	09/17
		5601T	2	.
STUTTGART, AR	PV	5601T	.	10/08
		5601T	1	10/08
		5601T	2	10/10
		5601T	3	10/08
ULLIN, IL	PV	5601T	.	10/08
		5601T	1	10/08
		5601T	2	10/08
WARSAW, VA	PV	5601T	.	10/01
WARSAW, VA	PV	5601T	1	10/01
		5601T	2	10/02

----- LOCATION=BIXBY,OK TTYPE=PV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	2	34.128	0	.	20	.	12.6	.	.
2	5002T	2	37.952	0	.	20	.	13.8	.	.
3	AG 5501RR	2	37.568	0	.	18	.	10.9	.	.
4	Anand	2	29.408	0	.	24	.	15.0	.	.
5	DB01-080	2	24.704	0	.	22	.	14.5	.	.
6	DB01-255	2	24.336	0	.	20	.	14.5	.	.
7	DB01-4249	2	25.472	0	.	18	.	12.3	.	.
8	DB01-5463	2	30.544	0	.	20	.	12.6	.	.
9	DS95-217-1-880	2	38.480	0	.	19	.	14.6	.	.
10	G03-1668 RR	2	42.464	0	.	21	.	10.9	.	.
11	G03-1737 RR	2	34.400	0	.	18	.	12.0	.	.
12	G03-2282 RR	2	36.768	0	.	22	.	10.9	.	.
13	G03-2305 RR	2	40.880	0	.	17	.	13.3	.	.
14	G03-2366 RR	2	32.816	0	1	20	.	13.4	.	.
15	JTN-033	2	27.936	0	.	23	.	11.1	.	.
16	JTN-5203	2	21.264	0	.	22	.	13.2	.	.
17	K01-2531	2	29.664	0	.	24	.	14.5	.	.
18	K03-4683 RR	2	18.976	0	.	21	.	12.1	.	.
19	K03-4684 RR	2	28.128	0	.	20	.	12.4	.	.
20	K03-4685 RR	2	23.088	0	.	20	.	13.2	.	.
21	K03-4689 RR	2	21.680	0	.	18	.	12.8	.	.
22	Md 00-6608	2	20.544	0	1	24	.	13.2	.	.
23	Md 02-337 RR	2	15.248	0	.	22	.	13.1	.	.
24	Md 02-844 RR	2	29.952	0	.	20	.	12.1	.	.
25	Md 02-858 RR	2	18.112	0	.	18	.	14.7	.	.
26	Md 02-937 RR	2	17.568	0	.	20	.	11.6	.	.
27	N01-138	2	30.272	0	.	19	.	13.9	.	.
28	NCC01-256-RR	2	28.976	0	.	21	.	11.4	.	.
29	NCC01-285-RR	2	30.656	0	.	18	.	11.7	.	.
30	NCC01-95	2	30.592	0	.	22	.	14.1	.	.
31	NCC02-20716	2	23.920	0	.	17	.	12.2	.	.
32	NCC02-23985-RR	2	29.024	0	.	20	.	11.9	.	.
33	R01-2245	2	44.672	0	.	23	.	12.1	.	.
34	R01-2373	2	38.560	0	.	22	.	12.7	.	.
35	R01-379	2	35.872	0	.	24	.	13.5	.	.
36	R01-976	2	38.736	0	.	21	.	13.0	.	.
37	R99-2512	2	40.384	0	.	25	.	12.8	.	.
38	S02-2259	2	42.816	0	.	23	.	13.5	.	.
39	S03-380RR	2	26.592	0	.	22	.	15.9	.	.
40	S03-382RR	2	30.272	0	.	27	.	12.7	.	.
41	S03-383RR	2	32.416	0	.	27	.	13.6	.	.
42	S03-393RR	2	27.376	0	.	25	.	13.1	.	.
43	TN02-104RR	2	34.992	0	.	22	.	11.6	.	.
44	TN03-011RR	2	31.888	0	.	23	.	11.7	.	.
45	TN03-052RR	2	30.016	0	.	36	.	12.4	.	.
46	TN03-091RR	2	30.368	0	.	22	.	12.6	.	.
47	TN03-128RR	2	30.560	0	.	22	.	10.5	.	.
48	TX 72518	2	37.504	0	.	24	.	11.7	.	.
49	TX 73461	2	33.200	0	.	21	.	12.2	.	.
50	V01-0582 RR	2	27.200	0	.	22	.	13.0	.	.
51	V01-2122	2	30.864	0	.	22	.	11.9	.	.
52	V01-2245	2	36.704	0	.	19	.	11.5	.	.
53	V01-3124	2	30.112	0	.	21	.	11.0	.	.
54	V01-3569	2	34.480	0	.	26	.	11.5	.	.
55	DB01-344	2	18.080	0	.	15	.	13.9	.	.
56	LS02-4045	2	22.928	0	.	17	.	12.2	.	.

----- LOCATION=JACKSON,TN TTYPE=PV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	2	64.080	0.0	1.75	34.0	2.00	15.0	.	.
2	5002T	2	58.608	-3.5	1.50	23.0	1.75	17.0	.	.
3	AG 5501RR	2	49.536	3.5	3.00	29.5	2.25	11.0	.	.
4	Anand	2	53.488	5.5	1.00	21.5	1.50	15.0	.	.
5	DB01-080	2	59.136	-3.5	2.75	28.0	1.75	16.5	.	.
6	DB01-255	2	53.224	-3.5	1.25	22.5	2.25	16.0	.	.
7	DB01-4249	2	37.064	-5.5	3.00	22.5	2.00	13.5	.	.
8	DB01-5463	2	54.512	-3.5	2.75	26.0	2.00	15.0	.	.
9	DS95-217-1-880	2	51.688	3.5	1.00	21.0	1.50	15.5	.	.
10	G03-1668 RR	2	57.776	3.5	2.50	31.5	2.00	14.0	.	.
11	G03-1737 RR	2	46.120	3.5	2.50	35.5	2.25	16.5	.	.
12	G03-2282 RR	2	52.264	7.5	1.75	35.0	1.50	13.0	.	.
13	G03-2305 RR	2	45.136	7.5	3.50	34.5	2.25	14.5	.	.
14	G03-2366 RR	2	58.520	5.5	3.25	35.5	1.75	14.5	.	.
15	JTN-033	2	61.616	-3.5	1.75	27.5	1.50	13.0	.	.
16	JTN-5203	2	53.824	0.0	1.00	27.0	2.00	11.5	.	.
17	K01-2531	2	54.144	-7.5	1.00	20.5	2.00	15.5	.	.
18	K03-4683 RR	2	48.016	-7.5	1.75	22.5	2.00	13.5	.	.
19	K03-4684 RR	2	50.312	-5.5	1.25	24.0	2.25	15.0	.	.
20	K03-4685 RR	2	38.112	-7.5	1.00	22.0	2.50	11.5	.	.
21	K03-4689 RR	2	42.640	-7.5	1.00	21.0	2.25	13.5	.	.
22	Md 00-6608	2	27.944	-3.5	3.50	37.0	4.00	13.0	.	.
23	Md 02-337 RR	2	44.472	0.0	1.00	25.5	2.50	14.5	.	.
24	Md 02-844 RR	2	48.648	-7.5	1.25	25.5	1.50	12.5	.	.
25	Md 02-858 RR	2	32.064	-7.5	1.00	23.5	3.50	11.5	.	.
26	Md 02-937 RR	2	53.168	-5.5	1.50	22.5	2.00	13.0	.	.
27	N01-138	2	29.712	-5.5	1.00	22.0	1.75	11.0	.	.
28	NCC01-256-RR	2	58.904	3.5	1.00	28.0	2.00	13.0	.	.
29	NCC01-285-RR	2	61.320	-5.5	1.50	27.5	1.50	14.0	.	.
30	NCC01-95	2	45.960	-3.5	1.00	27.0	2.00	15.0	.	.
31	NCC02-20716	2	29.600	-7.5	1.00	20.0	2.25	11.5	.	.
32	NCC02-23985-RR	2	44.392	-2.0	2.75	32.5	2.00	10.5	.	.
33	R01-2245	2	65.000	5.5	3.50	35.0	1.75	15.5	.	.
34	R01-2373	2	57.168	-3.5	3.00	34.0	1.75	14.5	.	.
35	R01-379	2	64.008	0.0	2.25	28.0	1.50	16.0	.	.
36	R01-976	2	53.328	2.0	2.00	30.0	2.00	14.5	.	.
37	R99-2512	2	60.160	0.0	2.50	31.5	2.00	15.0	.	.
38	S02-2259	2	60.200	5.5	2.25	30.5	1.50	15.5	.	.
39	S03-380RR	2	43.696	0.0	1.75	41.0	2.25	15.5	.	.
40	S03-382RR	2	46.928	0.0	2.50	40.0	3.75	14.5	.	.
41	S03-383RR	2	49.368	0.0	3.25	43.5	3.50	15.0	.	.
42	S03-393RR	2	45.960	0.0	3.00	40.5	3.00	14.5	.	.
43	TN02-104RR	2	43.456	-5.5	1.00	27.0	2.00	9.5	.	.
44	TN03-011RR	2	52.680	-5.5	2.00	32.0	2.25	12.5	.	.
45	TN03-052RR	2	38.040	-3.5	3.50	49.5	2.25	12.5	.	.
46	TN03-091RR	2	47.464	15.5	2.25	33.0	2.25	15.0	.	.
47	TN03-128RR	2	48.704	-3.5	1.50	29.5	1.75	12.5	.	.
48	TX 72518	2	53.872	11.5	2.25	34.0	1.75	14.0	.	.
49	TX 73461	2	56.872	11.5	2.00	29.0	1.75	15.0	.	.
50	V01-0582 RR	2	53.496	0.0	2.00	34.5	1.75	16.5	.	.
51	V01-2122	2	61.120	-3.5	3.00	29.5	1.50	13.5	.	.
52	V01-2245	2	57.704	0.0	1.75	26.0	2.25	13.0	.	.
53	V01-3124	2	48.784	15.5	3.50	39.0	2.25	13.5	.	.
54	V01-3569	2	55.896	11.5	2.00	33.0	1.75	14.0	.	.
55	DB01-344	2	52.752	-3.5	1.75	24.5	2.00	14.5	.	.
56	LS02-4045	2	57.816	-7.5	1.25	26.0	2.00	14.5	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	2	48.8460	0.0	0.00	21.5	2.00	11.70	.	.
2	5002T	2	45.9564	10.0	0.00	20.5	2.75	12.80	.	.
3	AG 5501RR	2	49.2240	7.5	2.00	25.5	2.25	10.40	.	.
4	Anand	2	54.4152	6.5	0.00	20.5	2.00	13.70	.	.
5	DB01-080	2	38.4720	4.5	0.00	25.0	1.75	15.05	.	.
6	DB01-255	2	39.5220	8.5	0.00	20.5	2.25	14.95	.	.
7	DB01-4249	2	35.4900	-1.5	0.00	21.0	2.00	12.05	.	.
8	DB01-5463	2	46.7712	5.0	3.75	23.0	3.00	13.60	.	.
9	DS95-217-1-880	2	43.5960	5.0	0.50	17.0	1.75	12.50	.	.
10	G03-1668 RR	2	41.2608	8.5	0.00	25.5	2.25	12.30	.	.
11	G03-1737 RR	2	39.3876	9.0	2.25	29.5	2.75	15.00	.	.
12	G03-2282 RR	2	50.8788	8.5	2.25	23.5	1.75	11.05	.	.
13	G03-2305 RR	2	48.7200	13.5	0.00	29.5	2.75	14.35	.	.
14	G03-2366 RR	2	42.0252	8.5	0.00	30.5	1.75	12.80	.	.
15	JTN-033	2	42.1428	0.0	0.00	20.5	1.00	11.60	.	.
16	JTN-5203	2	53.5164	-1.5	0.00	20.5	1.75	10.70	.	.
17	K01-2531	2	44.1756	-1.5	0.00	19.0	1.75	14.35	.	.
18	K03-4683 RR	2	33.6672	-4.5	0.00	18.0	2.50	10.25	.	.
19	K03-4684 RR	2	41.4204	-4.5	0.00	19.0	2.25	12.30	.	.
20	K03-4685 RR	2	37.5396	-6.0	0.00	19.0	3.25	11.75	.	.
21	K03-4689 RR	2	32.9364	-3.5	0.00	15.5	3.25	12.15	.	.
22	Md 00-6608	2	28.5096	9.5	0.00	30.5	3.25	12.40	.	.
23	Md 02-337 RR	2	33.8940	5.5	0.00	24.0	3.00	13.90	.	.
24	Md 02-844 RR	2	41.0340	1.5	0.00	20.5	2.25	11.95	.	.
25	Md 02-858 RR	2	34.5156	-3.0	0.00	19.5	3.25	11.40	.	.
26	Md 02-937 RR	2	33.4656	-3.5	0.00	18.5	2.75	12.45	.	.
27	N01-138	2	42.2016	1.5	0.00	21.5	2.75	13.40	.	.
28	NCC01-256-RR	2	41.0928	1.0	2.75	20.5	2.25	11.75	.	.
29	NCC01-285-RR	2	40.3452	-4.5	0.00	18.5	1.75	12.30	.	.
30	NCC01-95	2	40.5888	5.5	0.00	23.5	1.50	14.40	.	.
31	NCC02-20716	2	35.3976	-3.5	0.00	15.5	2.75	12.70	.	.
32	NCC02-23985-RR	2	33.0036	9.5	0.00	26.5	2.75	12.45	.	.
33	R01-2245	2	45.9816	-1.5	0.00	27.5	2.00	12.45	.	.
34	R01-2373	2	39.6984	6.0	3.25	23.0	2.00	12.80	.	.
35	R01-379	2	44.2932	9.5	0.00	22.5	2.75	14.80	.	.
36	R01-976	2	52.6428	8.5	0.00	21.5	3.00	15.00	.	.
37	R99-2512	2	41.2608	6.0	1.25	25.0	2.50	13.85	.	.
38	S02-2259	2	43.0752	5.5	2.00	22.5	2.75	13.35	.	.
39	S03-380RR	2	36.4056	14.5	0.00	27.5	2.50	16.85	.	.
40	S03-382RR	2	38.3040	12.5	0.00	40.5	2.00	13.05	.	.
41	S03-383RR	2	43.7892	12.5	0.00	40.0	2.50	14.30	.	.
42	S03-393RR	2	36.4812	10.5	0.00	30.5	3.25	12.90	.	.
43	TN02-104RR	2	55.0956	4.5	0.00	21.5	2.25	11.05	.	.
44	TN03-011RR	2	42.0504	-0.5	0.00	22.0	2.00	14.10	.	.
45	TN03-052RR	2	37.8840	11.5	2.75	41.5	3.25	14.35	.	.
46	TN03-091RR	2	36.2964	5.0	2.75	23.5	2.25	12.20	.	.
47	TN03-128RR	2	36.0108	-1.5	0.00	25.0	2.50	11.00	.	.
48	TX 72518	2	42.1512	7.5	0.00	27.0	2.00	11.80	.	.
49	TX 73461	2	45.3936	9.0	0.00	30.5	2.25	12.40	.	.
50	V01-0582 RR	2	41.3700	4.5	0.00	25.5	2.00	14.90	.	.
51	V01-2122	2	41.1516	5.0	0.00	25.5	1.75	13.35	.	.
52	V01-2245	2	40.1436	8.0	0.00	23.5	2.00	12.60	.	.
53	V01-3124	2	41.8740	10.5	2.75	37.0	2.25	12.65	.	.
54	V01-3569	2	44.4864	12.0	0.00	29.0	2.25	12.00	.	.
55	DB01-344	2	44.1672	3.0	0.00	21.0	2.00	15.15	.	.
56	LS02-4045	2	32.1216	-6.5	0.50	20.5	2.75	10.30	.	.

----- LOCATION=PITTSBURG,KS TTYPE=PV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	2	25.05	.	1.0	31.5	2	11.9	.	.
2	5002T	2	26.55	.	1.0	27.0	2	10.2	.	.
3	AG 5501RR	2	32.55	.	1.0	30.0	1	10.0	.	.
4	Anand	2	30.60	.	1.0	25.5	2	11.5	.	.
5	DB01-080	2	26.05	.	1.0	30.5	3	13.3	.	.
6	DB01-255	2	26.60	.	1.0	27.0	2	12.0	.	.
7	DB01-4249	2	27.55	.	1.0	27.5	2	10.3	.	.
8	DB01-5463	2	27.95	.	1.0	27.5	2	11.1	.	.
9	DS95-217-1-880	2	30.00	.	1.0	26.0	3	11.0	.	.
10	G03-1668 RR	2	29.90	.	1.0	29.0	2	10.8	.	.
11	G03-1737 RR	2	22.00	.	1.0	35.5	2	12.6	.	.
12	G03-2282 RR	2	27.80	.	1.0	32.0	2	11.5	.	.
13	G03-2305 RR	2	29.65	.	1.0	34.0	2	13.0	.	.
14	G03-2366 RR	2	27.85	.	1.0	34.5	2	13.4	.	.
15	JTN-033	2	22.50	.	1.0	25.5	2	9.2	.	.
16	JTN-5203	2	26.65	.	1.0	26.0	2	9.4	.	.
17	K01-2531	2	26.05	.	1.0	24.5	2	12.0	.	.
18	K03-4683 RR	2	21.90	.	1.0	22.0	3	11.3	.	.
19	K03-4684 RR	2	22.45	.	1.0	21.5	2	10.9	.	.
20	K03-4685 RR	2	17.95	.	1.0	21.0	2	13.0	.	.
21	K03-4689 RR	2	19.55	.	1.0	21.0	3	11.3	.	.
22	Md 00-6608	2	19.65	.	1.0	31.5	3	12.7	.	.
23	Md 02-337 RR	2	22.20	.	1.0	28.0	3	12.9	.	.
24	Md 02-844 RR	2	20.50	.	1.0	28.5	2	10.5	.	.
25	Md 02-858 RR	2	17.60	.	1.0	23.0	3	11.6	.	.
26	Md 02-937 RR	2	22.70	.	1.0	22.5	3	10.6	.	.
27	N01-138	2	22.60	.	1.0	24.0	2	13.0	.	.
28	NCC01-256-RR	2	30.70	.	1.0	31.0	2	11.6	.	.
29	NCC01-285-RR	2	18.90	.	1.0	28.0	2	9.1	.	.
30	NCC01-95	2	17.45	.	1.0	30.5	2	10.6	.	.
31	NCC02-20716	2	20.20	.	1.0	22.5	2	11.6	.	.
32	NCC02-23985-RR	2	23.60	.	1.0	28.5	2	11.3	.	.
33	R01-2245	2	30.55	.	1.0	33.5	4	11.6	.	.
34	R01-2373	2	31.45	.	1.0	33.0	2	12.2	.	.
35	R01-379	2	25.10	.	1.0	31.0	2	13.2	.	.
36	R01-976	2	25.10	.	1.0	31.0	2	11.1	.	.
37	R99-2512	2	32.00	.	1.0	33.0	2	13.2	.	.
38	S02-2259	2	28.65	.	1.0	28.5	2	11.8	.	.
39	S03-380RR	2	19.40	.	1.0	26.5	2	14.8	.	.
40	S03-382RR	2	22.55	.	1.0	26.5	3	12.6	.	.
41	S03-383RR	2	27.90	.	0.5	29.5	2	14.0	.	.
42	S03-393RR	2	26.75	.	1.0	28.5	2	12.6	.	.
43	TN02-104RR	2	31.45	.	1.0	28.0	2	11.2	.	.
44	TN03-011RR	2	27.85	.	1.0	34.5	2	9.9	.	.
45	TN03-052RR	2	24.20	.	1.0	32.5	2	11.6	.	.
46	TN03-091RR	2	22.20	.	1.0	30.5	2	11.0	.	.
47	TN03-128RR	2	21.30	.	1	30.5	2	9.3	.	.
48	TX 72518	2	32.00	.	1	30.5	2	11.1	.	.
49	TX 73461	2	23.95	.	1	30.5	2	10.8	.	.
50	V01-0582 RR	2	19.70	.	1	31.0	2	12.0	.	.
51	V01-2122	2	25.55	.	1	27.0	2	11.5	.	.
52	V01-2245	2	27.45	.	1	30.0	3	11.7	.	.
53	V01-3124	2	24.35	.	1	29.0	2	12.6	.	.
54	V01-3569	2	27.05	.	1	31.0	2	11.6	.	.
55	DB01-344	2	25.55	.	1	28.0	2	11.9	.	.
56	LS02-4045	2	20.45	.	1	24.5	3	9.9	.	.

LIST OF VARIETY MEANS 10:31 Wednesday, February 1, 2006

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	2	49.8790	0.0	3.0	40	.	13.8	.	.
2	5002T	2	49.9565	-7.0	3.0	34	.	15.9	.	.
3	AG 5501RR	2	49.0730	7.0	3.0	42	.	12.8	.	.
4	Anand	2	55.0250	6.0	2.0	33	.	14.9	.	.
5	DB01-080	2	38.9050	-3.0	3.0	36	.	15.5	.	.
6	DB01-255	2	41.5710	-6.0	3.0	32	.	14.8	.	.
7	DB01-4249	2	44.0510	3.0	4.0	31	.	12.8	.	.
8	DB01-5463	2	49.3210	6.0	4.0	35	.	14.5	.	.
9	DS95-217-1-880	2	50.7005	4.5	2.0	31	.	13.9	.	.
10	G03-1668 RR	2	40.5170	3.5	3.0	40	.	12.5	.	.
11	G03-1737 RR	2	47.5385	8.5	3.0	45	.	14.0	.	.
12	G03-2282 RR	2	46.6240	3.0	3.0	39	.	11.0	.	.
13	G03-2305 RR	2	28.1635	6.5	3.0	44	.	14.0	.	.
14	G03-2366 RR	2	37.6030	5.0	4.0	42	.	11.6	.	.
15	JTN-033	2	44.4385	-3.0	3.0	33	.	12.0	.	.
16	JTN-5203	2	49.3520	-2.0	2.5	33	.	11.8	.	.
17	K01-2531	2	47.9570	-8.5	1.0	28	.	16.2	.	.
18	K03-4683 RR	2	31.3875	-12.0	2.5	30	.	12.2	.	.
19	K03-4684 RR	2	39.5250	-12.0	3.0	39	.	13.4	.	.
20	K03-4685 RR	2	34.4255	-11.0	3.0	32	.	13.5	.	.
21	K03-4689 RR	2	38.9515	-12.0	2.5	31	.	14.1	.	.
22	Md 00-6608	2	34.0225	-2.0	3.0	49	.	13.0	.	.
23	Md 02-337 RR	2	47.7245	2.0	2.0	39	.	14.3	.	.
24	Md 02-844 RR	2	42.3305	-4.0	2.5	35	.	11.3	.	.
25	Md 02-858 RR	2	38.5950	-8.0	1.5	30	.	14.8	.	.
26	Md 02-937 RR	2	53.2580	-7.5	1.5	28	.	13.5	.	.
27	N01-138	2	41.6950	-3.5	2.5	36	.	14.7	.	.
28	NCC01-256-RR	2	49.8635	4.0	3.0	36	.	13.5	.	.
29	NCC01-285-RR	2	48.3910	-3.0	3.0	35	.	14.0	.	.
30	NCC01-95	2	45.6165	6.0	3.0	37	.	15.6	.	.
31	NCC02-20716	2	48.5925	-4.0	1.0	28	.	15.5	.	.
32	NCC02-23985-RR	2	46.0815	4.0	3.0	39	.	12.6	.	.
33	R01-2245	2	46.7170	5.0	3.5	38	.	14.0	.	.
34	R01-2373	2	51.7235	-1.5	3.0	40	.	13.7	.	.
35	R01-379	2	48.4840	-1.0	3.0	34	.	14.9	.	.
36	R01-976	2	49.1505	5.0	2.5	37	.	15.3	.	.
37	R99-2512	2	45.6940	2.0	2.5	33	.	13.3	.	.
38	S02-2259	2	48.4840	6.0	3.0	35	.	13.4	.	.
39	S03-380RR	2	44.8570	1.0	2.5	43	.	18.5	.	.
40	S03-382RR	2	43.6325	7.5	3.0	48	.	15.8	.	.
41	S03-383RR	2	49.6620	6.0	3.0	40	.	15.0	.	.
42	S03-393RR	2	43.0745	3.5	3.0	48	.	14.6	.	.
43	TN02-104RR	2	50.5765	-2.0	2.5	36	.	11.6	.	.
44	TN03-011RR	2	47.1355	-4.0	3.0	40	.	13.9	.	.
45	TN03-052RR	2	35.6655	-3.5	3.0	51	.	13.3	.	.
46	TN03-091RR	2	44.6710	10.5	3.0	42	.	13.7	.	.
47	TN03-128RR	2	41.8035	-2.0	3	37	.	10.9	.	.
48	TX 72518	2	42.2840	8.0	3	37	.	12.3	.	.
49	TX 73461	2	47.5075	8.0	3	36	.	12.6	.	.
50	V01-0582 RR	2	48.0500	1.5	3	40	.	15.1	.	.
51	V01-2122	2	49.3210	-1.0	3	35	.	13.4	.	.
52	V01-2245	2	52.9480	3.0	3	36	.	12.3	.	.
53	V01-3124	2	24.0250	11.0	3	50	.	17.6	.	.
54	V01-3569	2	60.8375	12.0	3	37	.	13.8	.	.
55	DB01-344	2	52.0800	-2.5	2	32	.	14.1	.	.
56	LS02-4045	2	44.0665	-8.5	3	32	.	14.6	.	.

----- LOCATION=PORTAGEVILLE,MO(A) TTYPE=PV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	2	90.5280	0	3.0	37	3	15.7	41.1	19.3
2	5002T	2	82.6191	-7	2.5	25	3	14.2	39.5	20.3
3	AG 5501RR	2	68.8923	-1	4.0	36	4	11.9	40.7	19.8
4	Anand	2	75.0177	-1	2.5	30	3	16.1	38.2	21.4
5	DB01-080	2	63.0867	-10	3.0	36	3	16.5	41.7	19.3
6	DB01-255	2	69.0891	-4	2.5	30	4	16.0	41.2	19.3
7	DB01-4249	2	33.8619	-6	3.5	19	4	14.7	39.8	20.9
8	DB01-5463	2	67.2195	-2	4.5	35	4	16.9	39.6	19.4
9	DS95-217-1-880	2	78.2895	-4	2.0	30	3	16.5	38.4	21.3
10	G03-1668 RR	2	77.3670	-2	4.0	42	3	14.3	38.6	21.8
11	G03-1737 RR	2	57.9084	1	2.5	49	3	16.5	42.1	19.3
12	G03-2282 RR	2	72.8037	1	2.0	36	3	12.2	43.0	20.1
13	G03-2305 RR	2	64.1814	1	4.0	39	3	13.8	43.4	19.9
14	G03-2366 RR	2	60.3930	0	3.0	44	3	13.2	42.1	19.6
15	JTN-033	2	71.5491	-5	2.5	35	4	12.6	40.0	21.3
16	JTN-5203	2	84.0828	-3	3.0	37	3	13.8	39.3	21.5
17	K01-2531	2	80.9709	-12	1.0	29	3	17.1	38.1	21.5
18	K03-4683 RR	2	73.7754	-11	2.0	26	4	15.7	38.9	23.6
19	K03-4684 RR	2	81.6843	-13	1.5	29	3	15.3	39.2	22.0
20	K03-4685 RR	2	82.5207	-14	1.5	29	4	15.6	38.2	23.8
21	K03-4689 RR	2	76.0017	-13	2.5	30	4	16.6	38.7	23.2
22	Md 00-6608	2	65.3745	-6	3.0	42	4	16.4	40.6	20.8
23	Md 02-337 RR	2	68.1789	-5	1.0	37	3	15.6	41.8	20.2
24	Md 02-844 RR	2	66.0264	-7	2.5	38	3	12.1	43.0	18.9
25	Md 02-858 RR	2	68.1543	-12	1.0	27	4	15.1	40.2	20.0
26	Md 02-937 RR	2	67.7484	-10	3.0	27	4	13.6	36.9	21.5
27	N01-138	2	79.2612	-6	3.0	33	3	16.2	40.1	20.1
28	NCC01-256-RR	2	76.7766	-3	3.0	37	3	15.0	41.2	19.6
29	NCC01-285-RR	2	77.3670	-11	3.0	35	3	13.7	38.5	21.0
30	NCC01-95	2	82.2132	-8	3.0	33	3	18.0	39.1	21.1
31	NCC02-20716	2	74.4765	-9	1.0	28	3	16.9	38.2	21.3
32	NCC02-23985-RR	2	73.0620	-3	3.0	39	4	13.2	39.5	21.0
33	R01-2245	2	70.7865	0	5.0	53	3	15.3	43.5	19.5
34	R01-2373	2	65.3622	-2	3.5	42	3	15.5	43.1	18.3
35	R01-379	2	72.9759	0	3.5	42	3	16.9	39.8	21.2
36	R01-976	2	79.2243	0	3.0	47	4	16.3	40.8	20.7
37	R99-2512	2	70.5528	0	3.5	42	3	15.2	43.1	19.3
38	S02-2259	2	78.1296	-2	3.5	36	3	14.3	40.3	20.6
39	S03-380RR	2	76.6290	-5	2.5	44	4	15.0	42.1	21.4
40	S03-382RR	2	85.4112	-4	2.5	50	3	16.6	40.3	21.4
41	S03-383RR	2	82.1271	1	3.0	48	4	17.0	41.5	20.5
42	S03-393RR	2	80.2452	-3	3.0	46	4	16.5	41.0	20.2
43	TN02-104RR	2	75.2760	-4	2.5	34	3	12.8	40.3	20.0
44	TN03-011RR	2	78.7938	-6	3.0	36	3	13.4	37.9	21.1
45	TN03-052RR	2	77.7975	-2	3.5	49	3	13.8	41.5	19.8
46	TN03-091RR	2	72.6930	-3	3.0	43	4	13.1	39.6	20.3
47	TN03-128RR	2	66.3708	-3	3.0	42	3	12.1	39.3	20.4
48	TX 72518	2	62.3856	1	2.5	43	3	15.0	41.4	18.0
49	TX 73461	2	73.7016	6	2.5	39	4	15.1	39.6	20.7
50	V01-0582 RR	2	76.0755	-6	3.0	37	3	15.4	40.8	20.2
51	V01-2122	2	75.2637	-10	3.5	41	3	14.3	40.1	20.0
52	V01-2245	2	76.3830	-5	3.0	38	4	13.1	39.2	21.0
53	V01-3124	2	57.8100	3	3.0	47	3	16.0	42.2	20.0
54	V01-3569	2	73.8492	7	3.0	42	3	13.9	42.2	18.8
55	DB01-344	2	67.1211	-5	2.5	36	4	16.2	41.1	19.5
56	LS02-4045	2	71.3277	-12	2.5	31	4	14.4	39.8	20.3

----- LOCATION=PROSPER,TX TTYPE=PV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	1	12	.	.	21	.	.	.	.
2	5002T	1	15	.	.	23	.	.	.	.
3	AG 5501RR	1	11	.	.	22	.	.	.	.
4	Anand	1	15	.	.	21	.	.	.	.
5	DB01-080	1	12	.	.	22	.	.	.	.
6	DB01-255	1	6	.	.	20	.	.	.	.
7	DB01-4249	1	12	.	.	21	.	.	.	.
8	DB01-5463	1	15	.	.	22	.	.	.	.
9	DS95-217-1-880	1	12	.	.	21	.	.	.	.
10	G03-1668 RR	1	12	.	.	23	.	.	.	.
11	G03-1737 RR	1	13	.	.	20	.	.	.	.
12	G03-2282 RR	1	15	.	.	22	.	.	.	.
13	G03-2305 RR	1	16	.	.	22	.	.	.	.
14	G03-2366 RR	1	14	.	.	22	.	.	.	.
15	JTN-033	1	17	.	.	22	.	.	.	.
16	JTN-5203	1	14	.	.	22	.	.	.	.
17	K01-2531	1	13	.	.	22	.	.	.	.
18	K03-4683 RR	1	13	.	.	22	.	.	.	.
19	K03-4684 RR	1	13	.	.	22	.	.	.	.
20	K03-4685 RR	1	6	.	.	21	.	.	.	.
21	K03-4689 RR	1	8	.	.	22	.	.	.	.
22	Md 00-6608	1	13	.	.	21	.	.	.	.
23	Md 02-337 RR	1	17	.	.	21	.	.	.	.
24	Md 02-844 RR	1	15	.	.	21	.	.	.	.
25	Md 02-858 RR	1	8	.	.	22	.	.	.	.
26	Md 02-937 RR	1	6	.	.	21	.	.	.	.
27	N01-138	1	13	.	.	21	.	.	.	.
28	NCC01-256-RR	1	20	.	.	21	.	.	.	.
29	NCC01-285-RR	1	15	.	.	21	.	.	.	.
30	NCC01-95	1	13	.	.	22	.	.	.	.
31	NCC02-20716	1	18	.	.	21	.	.	.	.
32	NCC02-23985-RR	1	16	.	.	22	.	.	.	.
33	R01-2245	1	15	.	.	23	.	.	.	.
34	R01-2373	1	14	.	.	20	.	.	.	.
35	R01-379	1	16	.	.	22	.	.	.	.
36	R01-976	1	19	.	.	20	.	.	.	.
37	R99-2512	1	19	.	.	22	.	.	.	.
38	S02-2259	1	22	.	.	22	.	.	.	.
39	S03-380RR	1	17	.	.	22	.	.	.	.
40	S03-382RR	1	14	.	.	21	.	.	.	.
41	S03-383RR	1	17	.	.	22	.	.	.	.
42	S03-393RR	1	13	.	.	21	.	.	.	.
43	TN02-104RR	1	14	.	.	21	.	.	.	.
44	TN03-011RR	1	21	.	.	22	.	.	.	.
45	TN03-052RR	1	15	.	.	20	.	.	.	.
46	TN03-091RR	1	10	.	.	20	.	.	.	.
47	TN03-128RR	1	15	.	.	20	.	.	.	.
48	TX 72518	1	18	.	.	21	.	.	.	.
49	TX 73461	1	17	.	.	20	.	.	.	.
50	V01-0582 RR	1	14	.	.	22	.	.	.	.
51	V01-2122	1	13	.	.	21	.	.	.	.
52	V01-2245	1	17	.	.	20	.	.	.	.
53	V01-3124	1	1	.	.	21	.	.	.	.
54	V01-3569	1	5	.	.	20	.	.	.	.
55	DB01-344	1	.	.	.	.	.	.	.	.
56	LS02-4045	1	21	.	.	22	.	.	.	.



----- LOCATION=QUEENSTOWN,MD TTYPE=PV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	2	57.2875	0.0	3.50	41.5	1.50	13.35	.	.
2	5002T	2	46.5375	-5.5	3.75	32.0	2.50	13.90	.	.
3	AG 5501RR	2	49.4375	1.0	2.25	38.0	1.00	12.10	.	.
4	Anand	2	57.6000	-2.0	2.25	33.5	1.50	14.30	.	.
5	DB01-080	2	47.8375	-11.0	3.25	33.0	2.00	13.85	.	.
6	DB01-255	2	48.6000	-7.5	2.50	31.0	2.50	14.25	.	.
7	DB01-4249	2	39.1750	-10.0	2.75	25.0	2.00	10.90	.	.
8	DB01-5463	2	45.4125	-2.0	3.75	33.5	1.25	13.65	.	.
9	DS95-217-1-880	2	59.9375	-2.0	2.50	30.5	1.00	13.55	.	.
10	G03-1668 RR	2	53.3000	-1.0	3.25	39.0	1.00	13.15	.	.
11	G03-1737 RR	2	47.1125	-1.0	3.25	36.0	1.00	15.45	.	.
12	G03-2282 RR	2	50.2125	1.5	3.50	35.0	1.00	11.90	.	.
13	G03-2305 RR	2	54.3125	2.0	3.00	43.0	1.00	14.95	.	.
14	G03-2366 RR	2	48.4125	1.5	4.00	36.5	1.00	14.75	.	.
15	JTN-033	2	53.7500	-5.0	2.25	32.0	1.00	11.85	.	.
16	JTN-5203	2	56.0250	-3.0	3.50	33.0	1.25	12.05	.	.
17	K01-2531	2	53.6000	-5.0	1.25	33.0	1.50	15.40	.	.
18	K03-4683 RR	2	49.3000	-13.0	2.75	30.0	1.50	12.90	.	.
19	K03-4684 RR	2	41.2125	-12.0	3.50	33.0	2.00	12.40	.	.
20	K03-4685 RR	2	48.6000	-12.0	3.25	34.5	2.25	13.85	.	.
21	K03-4689 RR	2	52.6625	-12.0	2.50	29.5	2.00	14.30	.	.
22	Md 00-6608	2	35.3125	-3.0	4.00	43.0	3.50	13.40	.	.
23	Md 02-337 RR	2	50.3250	-7.5	2.25	40.0	1.75	15.20	.	.
24	Md 02-844 RR	2	49.3000	-5.0	3.00	35.5	2.00	12.00	.	.
25	Md 02-858 RR	2	52.8875	-10.0	2.00	34.0	1.75	13.40	.	.
26	Md 02-937 RR	2	50.6625	-7.5	3.50	32.5	2.25	11.85	.	.
27	N01-138	2	58.6500	-3.0	3.00	35.0	1.50	15.85	.	.
28	NCC01-256-RR	2	53.4250	-1.0	3.00	37.5	1.00	13.10	.	.
29	NCC01-285-RR	2	49.8750	-7.5	3.25	34.5	2.50	12.70	.	.
30	NCC01-95	2	55.5250	-3.0	3.50	37.0	1.00	13.60	.	.
31	NCC02-20716	2	59.8125	-3.0	1.25	34.0	1.25	15.40	.	.
32	NCC02-23985-RR	2	57.1000	1.0	3.25	38.0	1.00	14.10	.	.
33	R01-2245	2	49.1000	1.0	4.00	33.5	1.00	13.60	.	.
34	R01-2373	2	48.9500	-1.0	3.00	36.5	1.00	12.95	.	.
35	R01-379	2	51.2750	1.0	3.25	30.0	1.00	14.45	.	.
36	R01-976	2	50.1750	1.0	2.75	37.0	1.00	14.70	.	.
37	R99-2512	2	52.9375	1.0	3.50	38.0	1.00	13.55	.	.
38	S02-2259	2	56.1250	0.0	3.25	33.5	1.25	13.50	.	.
39	S03-380RR	2	47.0875	-1.0	2.75	39.0	2.00	18.95	.	.
40	S03-382RR	2	54.7625	0.0	3.00	41.5	1.75	17.00	.	.
41	S03-383RR	2	54.8375	0.0	3.50	48.0	1.00	17.10	.	.
42	S03-393RR	2	52.3625	0.0	3.50	44.0	1.00	16.15	.	.
43	TN02-104RR	2	52.8000	-4.0	2.75	34.5	1.00	12.10	.	.
44	TN03-011RR	2	47.7000	-10.0	3.50	38.0	1.50	12.70	.	.
45	TN03-052RR	2	46.9375	-2.0	3.25	47.0	1.00	14.30	.	.
46	TN03-091RR	2	51.5500	0.0	3.50	36.5	1.00	13.35	.	.
47	TN03-128RR	2	43.2625	-4.0	2.25	31.0	1.0	11.45	.	.
48	TX 72518	2	46.4500	1.5	3.00	38.0	1.0	11.40	.	.
49	TX 73461	2	49.8750	1.5	3.00	36.5	1.0	13.90	.	.
50	V01-0582 RR	2	51.0875	-1.0	2.25	40.0	1.0	15.10	.	.
51	V01-2122	2	57.6250	-3.0	3.25	33.5	1.0	14.05	.	.
52	V01-2245	2	53.1250	-3.0	3.25	32.5	1.0	11.55	.	.
53	V01-3124	2	46.5125	0.0	3.00	45.0	1.0	14.35	.	.
54	V01-3569	2	52.2375	-1.0	3.00	37.5	1.0	14.05	.	.
55	DB01-344	2	46.2875	-10.0	2.25	32.5	2.0	14.15	.	.
56	LS02-4045	2	46.9000	-12.0	3.50	30.0	3.5	13.15	.	.

----- LOCATION=STONEVILLE,MS TTYPE=PV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	2	60.4725	0	2	36	2	12.0	42.9	21.2
2	5002T	2	58.6575	-3	2	30	2	13.2	40.5	25.2
3	AG 5501RR	2	50.2920	9	2	24	2	10.8	43.9	18.9
4	Anand	2	57.1725	4	2	22	2	13.1	39.9	22.8
5	DB01-080	2	49.5660	-1	2	32	2	14.8	45.0	21.3
6	DB01-255	2	57.6345	-3	2	30	2	13.4	43.6	20.9
7	DB01-4249	2	53.5920	-3	3	24	3	11.1	39.6	21.2
8	DB01-5463	2	49.2195	-1	3	26	2	11.3	42.6	20.1
9	DS95-217-1-880	2	62.5020	-1	2	26	3	13.2	40.9	22.1
10	G03-1668 RR	2	41.5305	-1	2	38	2	10.7	43.3	22.4
11	G03-1737 RR	2	32.5380	1	3	38	2	11.4	46.7	18.2
12	G03-2282 RR	2	26.3835	3	3	34	2	8.1	48.6	17.4
13	G03-2305 RR	2	26.2763	3	3	36	2	10.0	49.8	17.1
14	G03-2366 RR	2	37.5045	2	2	34	3	11.0	40.2	22.5
15	JTN-033	2	59.7960	-3	2	28	2	10.3	42.5	22.1
16	JTN-5203	2	59.5320	-2	2	30	2	11.8	43.0	20.5
17	K01-2531	2	46.0350	-2	2	26	2	14.1	40.9	22.8
18	K03-4683 RR	2	45.8205	-3	2	26	3	11.9	41.7	22.7
19	K03-4684 RR	2	49.6650	-3	2	20	3	14.2	41.0	19.6
20	K03-4685 RR	2	47.8995	-5	2	22	2	10.3	41.5	24.5
21	K03-4689 RR	2	49.5330	-4	2	18	3	10.4	43.0	23.0
22	Md 00-6608	2	35.0955	-5	3	30	3	12.2	45.6	24.0
23	Md 02-337 RR	2	50.3250	0	2	30	2	11.3	43.4	21.1
24	Md 02-844 RR	2	48.9060	-3	2	28	2	11.1	43.1	20.4
25	Md 02-858 RR	2	45.5400	-3	2	24	3	9.9	43.6	22.4
26	Md 02-937 RR	2	46.3485	-4	2	24	2	12.4	37.1	22.0
27	N01-138	2	39.2370	-3	2	26	2	8.5	48.9	16.2
28	NCC01-256-RR	2	52.8990	-1	2	33	2	10.3	41.5	20.4
29	NCC01-285-RR	2	50.6055	-3	2	28	2	13.5	41.6	20.8
30	NCC01-95	2	51.5460	-3	2	32	3	14.8	41.9	22.1
31	NCC02-20716	2	52.2060	-3	2	25	2	11.9	38.1	23.4
32	NCC02-23985-RR	2	48.0810	-1	2	30	3	12.6	45.9	22.4
33	R01-2245	2	34.7655	-1	3	36	2	11.7	47.4	17.9
34	R01-2373	2	51.4305	-1	3	36	3	12.4	40.3	23.1
35	R01-379	2	57.8160	-2	2	24	2	12.3	40.8	21.5
36	R01-976	2	62.4690	2	2	34	2	13.1	41.3	21.5
37	R99-2512	2	52.6020	1	2	36	2	10.2	46.5	18.0
38	S02-2259	2	56.7930	-1	2	30	2	12.8	40.0	22.2
39	S03-380RR	2	57.3870	-2	3	36	3	16.3	44.8	23.3
40	S03-382RR	2	51.5460	-1	3	36	3	14.1	44.3	24.0
41	S03-383RR	2	49.1865	0	3	40	3	13.9	44.2	22.3
42	S03-393RR	2	40.5240	-3	3	40	2	10.1	47.7	14.6
43	TN02-104RR	2	59.8125	3	2	28	2	10.2	41.2	20.9
44	TN03-011RR	2	49.4670	-3	2	38	2	11.4	39.8	21.8
45	TN03-052RR	2	25.3605	-2	4	61	2	11.8	45.8	18.4
46	TN03-091RR	2	43.4775	-1	4	40	2	10.1	40.8	20.6
47	TN03-128RR	2	52.0740	-3	3	36	2	11.5	46.6	17.2
48	TX 72518	2	27.2910	0	3	40	2	11.1	43.4	17.9
49	TX 73461	2	36.1020	-1	3	36	2	11.1	40.7	21.5
50	V01-0582 RR	2	36.8115	-3	2	34	2	12.5	45.3	20.3
51	V01-2122	2	49.2773	-2	2	30	2	11.4	42.1	21.0
52	V01-2245	2	54.8130	-2	2	32	2	11.5	40.6	21.1
53	V01-3124	2	8.5470	13	5	50	2	9.8	38.3	19.9
54	V01-3569	2	37.7025	7	3	30	2	10.9	42.5	20.7
55	DB01-344	2	57.7170	-2	2	32	2	12.3	42.9	20.9
56	LS02-4045	2	54.6315	-3	2	30	2	12.8	42.8	23.0

----- LOCATION=STUTTGART,AR TTYPE=PV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	3	54.625	-0.00000	1.33333	24.0000	.	.	.	.
2	5002T	3	59.440	-4.66667	1.33333	21.3333	.	.	.	.
3	AG 5501RR	3	63.995	-2.00000	1.66667	26.3333	.	.	.	.
4	Anand	3	52.400	-2.66667	1.16667	19.6667	.	.	.	.
5	DB01-080	3	53.355	-4.00000	1.83333	21.3333	.	.	.	.
6	DB01-255	3	49.510	-3.66667	1.50000	23.0000	.	.	.	.
7	DB01-4249	3	47.625	-2.66667	2.33333	19.0000	.	.	.	.
8	DB01-5463	3	56.040	-1.33333	2.50000	21.0000	.	.	.	.
9	DS95-217-1-880	3	53.665	-4.00000	1.00000	18.3333	.	.	.	.
10	G03-1668 RR	3	68.470	-6.66667	1.66667	30.0000	.	.	.	.
11	G03-1737 RR	3	56.960	2.66667	2.00000	31.3333	.	.	.	.
12	G03-2282 RR	3	69.705	-2.66667	2.00000	28.3333	.	.	.	.
13	G03-2305 RR	3	68.160	-0.66667	2.33333	32.0000	.	.	.	.
14	G03-2366 RR	3	65.145	-7.00000	2.66667	28.6667	.	.	.	.
15	JTN-033	3	51.110	-7.33333	1.00000	18.6667	.	.	.	.
16	JTN-5203	3	57.030	-4.00000	1.16667	21.3333	.	.	.	.
17	K01-2531	3	47.905	-7.33333	1.00000	18.6667	.	.	.	.
18	K03-4683 RR	3	48.710	-8.00000	1.00000	17.0000	.	.	.	.
19	K03-4684 RR	3	48.710	-8.00000	1.16667	19.0000	.	.	.	.
20	K03-4685 RR	3	53.275	-7.66667	1.00000	20.0000	.	.	.	.
21	K03-4689 RR	3	48.405	-8.00000	1.00000	20.0000	.	.	.	.
22	Md 00-6608	3	43.075	-0.66667	2.16667	27.0000	.	.	.	.
23	Md 02-337 RR	3	59.010	-1.33333	1.50000	26.0000	.	.	.	.
24	Md 02-844 RR	3	63.425	-7.00000	1.33333	22.6667	.	.	.	.
25	Md 02-858 RR	3	50.625	-7.00000	1.00000	18.0000	.	.	.	.
26	Md 02-937 RR	3	60.200	-3.00000	1.16667	19.3333	.	.	.	.
27	N01-138	3	52.065	-2.00000	1.16667	16.6667	.	.	.	.
28	NCC01-256-RR	3	68.265	-6.66667	1.50000	25.0000	.	.	.	.
29	NCC01-285-RR	3	64.330	-3.33333	1.16667	21.6667	.	.	.	.
30	NCC01-95	3	53.880	-7.00000	1.00000	22.6667	.	.	.	.
31	NCC02-20716	3	42.360	-8.00000	1.00000	18.3333	.	.	.	.
32	NCC02-23985-RR	3	60.895	-2.33333	1.33333	24.6667	.	.	.	.
33	R01-2245	3	59.280	-7.33333	2.83333	26.6667	.	.	.	.
34	R01-2373	3	56.245	-7.66667	1.66667	26.3333	.	.	.	.
35	R01-379	3	65.590	-7.66667	1.66667	23.0000	.	.	.	.
36	R01-976	3	57.885	-3.66667	1.66667	22.3333	.	.	.	.
37	R99-2512	3	57.215	-4.66667	1.83333	27.3333	.	.	.	.
38	S02-2259	3	53.875	-5.00000	1.50000	22.6667	.	.	.	.
39	S03-380RR	3	55.695	-3.33333	1.83333	27.3333	.	.	.	.
40	S03-382RR	3	57.985	-3.33333	1.83333	29.3333	.	.	.	.
41	S03-383RR	3	70.220	-0.33333	2.50000	36.3333	.	.	.	.
42	S03-393RR	3	59.710	-2.00000	2.16667	30.0000	.	.	.	.
43	TN02-104RR	3	69.370	-4.00000	1.33333	23.6667	.	.	.	.
44	TN03-011RR	3	70.620	-8.00000	1.66667	27.0000	.	.	.	.
45	TN03-052RR	3	63.295	0.66667	3.33333	42.6667	.	.	.	.
46	TN03-091RR	3	64.970	0.33333	2.00000	30.0000	.	.	.	.
47	TN03-128RR	3	61.625	-8.33333	1.50000	26.3333	.	.	.	.
48	TX 72518	3	55.795	-0.33333	1.66667	29.0000	.	.	.	.
49	TX 73461	3	57.765	-5.33333	1.50000	26.0000	.	.	.	.
50	V01-0582 RR	3	63.810	-8.00000	1.16667	26.6667	.	.	.	.
51	V01-2122	3	55.050	-8.00000	1.50000	22.3333	.	.	.	.
52	V01-2245	3	57.645	-2.66667	1.50000	24.6667	.	.	.	.
53	V01-3124	3	54.395	3.33333	2.33333	33.3333	.	.	.	.
54	V01-3569	3	61.335	0.33333	2.16667	26.6667	.	.	.	.
55	DB01-344	3	54.015	-4.00000	1.83333	22.6667	.	.	.	.
56	LS02-4045	3	48.415	-4.66667	1.00000	19.3333	.	.	.	.

----- LOCATION=ULLIN,IL TTYPE=PV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	2	61.712	0.0	1.50	38.0	1.0	12.90	40.6	20.3
2	5002T	2	53.896	-1.0	1.50	27.5	1.0	14.95	39.3	22.0
3	AG 5501RR	2	60.512	9.5	3.50	38.0	1.0	12.25	40.3	20.3
4	Anand	2	69.408	4.0	1.75	33.5	1.0	15.60	39.7	20.6
5	DB01-080	2	44.960	2.0	2.25	39.0	1.0	15.15	39.0	20.9
6	DB01-255	2	56.008	-1.0	1.75	32.5	1.0	15.00	40.5	20.5
7	DB01-4249	2	46.928	1.0	4.00	34.5	1.0	12.65	39.0	21.1
8	DB01-5463	2	55.096	3.0	3.00	37.0	1.0	15.15	38.3	20.3
9	DS95-217-1-880	2	60.184	3.5	1.50	30.0	1.0	15.25	38.3	20.6
10	G03-1668 RR	2	57.128	7.0	2.25	39.0	1.0	13.90	39.0	21.8
11	G03-1737 RR	2	46.376	9.5	2.00	42.5	1.0	14.90	41.6	19.6
12	G03-2282 RR	2	62.360	10.0	2.50	34.0	1.0	12.80	41.6	21.2
13	G03-2305 RR	2	50.160	9.0	2.75	32.0	1.0	14.65	42.0	19.9
14	G03-2366 RR	2	54.984	8.5	3.75	40.0	1.0	13.55	41.0	20.1
15	JTN-033	2	60.472	1.5	1.50	34.0	1.0	12.55	41.3	20.1
16	JTN-5203	2	63.376	-0.5	1.25	33.0	1.0	12.45	38.0	21.0
17	K01-2531	2	59.088	0.5	1.00	26.5	1.0	16.00	39.0	20.8
18	K03-4683 RR	2	46.992	-11.0	2.00	30.5	1.0	12.00	39.0	22.0
19	K03-4684 RR	2	40.384	-11.0	3.00	34.5	1.5	12.45	40.6	21.2
20	K03-4685 RR	2	50.808	-12.0	3.00	31.0	1.0	12.80	39.7	22.1
21	K03-4689 RR	2	47.256	-11.0	2.00	27.0	1.0	12.75	38.9	22.2
22	Md 00-6608	2	38.064	0.0	4.00	43.0	2.0	14.10	42.2	19.1
23	Md 02-337 RR	2	47.760	-4.0	1.00	37.5	1.0	13.20	40.7	20.6
24	Md 02-844 RR	2	52.408	0.0	1.50	34.5	1.0	12.55	42.3	19.2
25	Md 02-858 RR	2	46.272	-8.5	1.00	27.5	1.0	12.25	40.7	20.3
26	Md 02-937 RR	2	46.304	-7.0	1.75	29.5	1.0	12.20	37.0	21.2
27	N01-138	2	55.680	0.0	2.00	28.0	1.0	15.95	39.8	21.2
28	NCC01-256-RR	2	54.184	3.0	1.50	38.0	1.5	12.55	40.0	20.7
29	NCC01-285-RR	2	54.912	-0.5	2.00	31.0	1.0	13.35	38.3	20.4
30	NCC01-95	2	51.792	-0.5	1.75	31.5	1.0	15.30	39.8	20.0
31	NCC02-20716	2	55.320	1.5	1.00	28.5	1.0	15.55	38.4	21.1
32	NCC02-23985-RR	2	54.736	7.0	1.75	39.0	1.0	14.05	39.4	21.4
33	R01-2245	2	55.968	9.5	3.50	38.5	1.5	14.80	40.6	20.4
34	R01-2373	2	61.376	5.5	3.50	40.0	1.0	13.85	41.2	19.4
35	R01-379	2	54.368	4.0	3.75	32.5	1.0	16.10	39.1	21.5
36	R01-976	2	61.384	7.0	2.75	37.0	1.0	16.45	39.8	20.0
37	R99-2512	2	52.848	7.0	4.00	40.0	1.0	14.55	40.7	19.9
38	S02-2259	2	68.384	6.0	2.00	33.5	1.0	14.75	39.3	21.5
39	S03-380RR	2	59.024	0.0	1.50	45.0	1.5	19.10	41.9	20.9
40	S03-382RR	2	53.824	-2.5	1.50	41.0	1.0	15.70	40.2	21.5
41	S03-383RR	2	62.616	6.0	2.00	44.0	1.5	16.30	41.0	20.7
42	S03-393RR	2	57.424	-1.0	1.50	43.5	1.0	15.75	41.6	20.1
43	TN02-104RR	2	62.840	4.0	1.75	31.0	1.0	11.95	39.7	20.1
44	TN03-011RR	2	36.248	-1.5	1.50	36.5	1.0	12.80	36.8	21.5
45	TN03-052RR	2	48.336	0.0	2.25	54.5	1.0	14.05	41.5	20.0
46	TN03-091RR	2	59.848	6.5	2.75	32.5	1.5	13.60	39.3	20.3
47	TN03-128RR	2	55.352	3.5	2.00	37.0	1.0	11.85	38.7	20.9
48	TX 72518	2	49.864	10.0	2.00	37.0	1.0	12.90	40.5	18.9
49	TX 73461	2	65.160	10.0	1.75	36.0	1.0	16.10	39.9	19.9
50	V01-0582 RR	2	54.840	4.0	1.50	37.5	1.0	15.75	40.0	22.5
51	V01-2122	2	57.344	-0.5	2.25	41.0	1.0	13.45	38.9	22.0
52	V01-2245	2	54.008	1.5	2.00	36.5	1.0	12.50	37.6	21.8
53	V01-3124	2	49.904	7.0	2.75	46.5	1.0	13.85	39.4	21.3
54	V01-3569	2	57.712	9.5	2.50	35.5	1.0	14.80	41.6	19.8
55	DB01-344	2	49.392	-1.0	2.00	30.0	1.5	14.35	40.2	20.2
56	LS02-4045	2	59.672	-5.5	2.00	35.5	1.0	14.35	39.7	21.9

LIST OF VARIETY MEANS 10:31 Wednesday, February 1, 2006

----- LOCATION=WARSAW,VA TTYPE=PV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	2	30.6917	0.0	1.35	34.5	2.90	12.15	.	.
2	5002T	2	29.0630	-7.5	1.20	27.0	3.85	11.25	.	.
3	AG 5501RR	2	34.6833	11.0	1.85	36.5	3.85	11.00	.	.
4	Anand	2	26.1393	-2.5	1.10	29.5	4.00	11.95	.	.
5	DB01-080	2	30.5048	-3.0	2.15	34.0	1.75	12.80	.	.
6	DB01-255	2	33.4685	-4.0	1.35	31.5	2.00	13.10	.	.
7	DB01-4249	2	28.5957	-0.5	1.65	30.5	2.60	11.25	.	.
8	DB01-5463	2	32.1735	-0.5	2.15	34.0	2.65	12.05	.	.
9	DS95-217-1-880	2	31.0388	-3.5	1.10	30.0	3.65	11.70	.	.
10	G03-1668 RR	2	31.0121	9.5	1.75	40.0	4.15	11.20	.	.
11	G03-1737 RR	2	26.7401	13.5	1.85	46.0	4.00	12.55	.	.
12	G03-2282 RR	2	29.9975	13.0	1.80	38.5	3.75	10.10	.	.
13	G03-2305 RR	2	33.5085	14.0	2.35	46.5	4.50	12.45	.	.
14	G03-2366 RR	2	29.0096	10.0	2.65	41.5	4.65	11.40	.	.
15	JTN-033	2	44.3888	-1.0	1.60	36.5	2.90	10.20	.	.
16	JTN-5203	2	48.8877	2.0	2.35	40.5	3.25	11.45	.	.
17	K01-2531	2	47.1255	-1.5	1.20	33.0	2.50	13.30	.	.
18	K03-4683 RR	2	47.3124	-6.0	1.90	33.5	3.00	12.00	.	.
19	K03-4684 RR	2	42.0926	-6.0	2.00	31.5	3.00	12.10	.	.
20	K03-4685 RR	2	46.8852	-5.0	2.75	33.0	3.00	12.90	.	.
21	K03-4689 RR	2	45.3633	-6.0	2.35	32.0	3.30	12.65	.	.
22	Md 00-6608	2	32.2136	0.0	2.85	44.0	4.80	13.25	.	.
23	Md 02-337 RR	2	46.8852	-0.5	1.75	40.5	2.65	12.80	.	.
24	Md 02-844 RR	2	37.8740	-1.5	1.20	35.5	2.15	10.55	.	.
25	Md 02-858 RR	2	42.8268	-7.0	1.35	31.5	4.15	11.15	.	.
26	Md 02-937 RR	2	45.8706	-4.5	1.60	31.0	1.50	10.75	.	.
27	N01-138	2	40.2903	-2.0	1.75	33.5	2.15	12.20	.	.
28	NCC01-256-RR	2	29.8640	2.0	1.50	33.5	4.25	10.60	.	.
29	NCC01-285-RR	2	31.9065	-5.5	2.65	36.5	4.00	10.25	.	.
30	NCC01-95	2	36.4989	-2.5	2.00	37.0	3.50	11.55	.	.
31	NCC02-20716	2	35.8181	-6.0	1.25	33.0	3.65	11.95	.	.
32	NCC02-23985-RR	2	37.2198	9.5	1.70	37.5	4.50	11.05	.	.
33	R01-2245	2	37.7138	14.0	3.00	40.0	3.90	12.40	.	.
34	R01-2373	2	40.5306	7.0	2.50	41.5	4.40	12.35	.	.
35	R01-379	2	40.4639	10.0	2.35	33.5	3.60	13.20	.	.
36	R01-976	2	31.7196	6.0	1.20	32.0	3.50	11.25	.	.
37	R99-2512	2	38.9820	6.0	2.00	40.5	4.40	12.30	.	.
38	S02-2259	2	30.1176	-1.0	1.10	29.5	3.65	11.05	.	.
39	S03-380RR	2	34.8836	-1.5	1.35	38.0	4.00	15.00	.	.
40	S03-382RR	2	30.9320	-1.0	1.20	37.0	4.65	12.50	.	.
41	S03-383RR	2	34.9904	4.5	1.65	44.0	4.80	13.30	.	.
42	S03-393RR	2	23.6162	-2.0	1.20	36.0	3.85	13.20	.	.
43	TN02-104RR	2	29.1698	0.0	1.20	33.0	2.85	9.95	.	.
44	TN03-011RR	2	37.1264	-2.0	1.90	39.0	2.30	11.25	.	.
45	TN03-052RR	2	25.6721	3.0	2.25	47.0	3.50	11.30	.	.
46	TN03-091RR	2	26.9804	7.0	1.75	34.5	3.80	10.75	.	.
47	TN03-128RR	2	29.6370	0.5	1.10	31.5	2.80	9.60	.	.
48	TX 72518	2	34.6032	16.5	2.25	43.0	4.10	11.10	.	.
49	TX 73461	2	30.4914	11.5	1.75	36.5	4.80	11.40	.	.
50	V01-0582 RR	2	34.1760	1.5	2.20	41.0	2.50	11.60	.	.
51	V01-2122	2	37.3667	0.0	2.10	36.5	3.00	10.90	.	.
52	V01-2245	2	40.7976	3.0	1.85	39.5	3.20	10.85	.	.
53	V01-3124	2	29.6504	15.0	2.30	49.0	3.30	11.95	.	.
54	V01-3569	2	42.5865	13.0	2.40	42.0	3.50	12.35	.	.
55	DB01-344	2	43.7213	-2.0	2.40	35.0	2.40	12.85	.	.
56	LS02-4045	2	34.9503	-6.5	1.50	32.5	4.65	11.90	.	.

----- LOCATION=BIXBY,OK TTYPE=PV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	56	5002T 5601T AG 5501RR Anand DB01-080 DB01-255 DB01-344 DB01-4249 DB01-5463 DS95-217-1-880 G03-1668 RR G03-1737 RR G03-2282 RR G03-2305 RR G03-2366 RR JTN-033 JTN-5203 K01-2531 K03-4683 RR K03-4684 RR K03-4685 RR K03-4689 RR LS02-4045 Md 00-6608 Md 02-337 RR Md 02-844 RR Md 02-858 RR Md 02-937 RR N01-138 NCC01-256-RR NCC01-285-RR NCC01-95 NCC02-20716 NCC02-23985-RR R01-2245 R01-2373 R01-379 R01-976 R99-2512 S02-2259 S03-380RR S03-382RR S03-383RR S03-393RR TN02-104RR TN03-011RR TN03-052RR TN03-091RR TN03-128RR TX 72518 TX 73461 V01-0582 RR V01-2122 V01-2245 V01-3124 V01-3569

REP 2 1 2

Number of Observations Read 112  
 Number of Observations Used 112

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	56	5315.839122	94.925699	10.08	<.0001
Error	55	518.117339	9.420315		
Corrected Total	111	5833.956462			

R-Square 0.911189  
 Coeff Var 10.09794  
 Root MSE 3.069253  
 YIELD Mean 30.39486

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	13.209637	13.209637	1.40	0.2414
VARIETY	55	5302.629486	96.411445	10.23	<.0001

----- LOCATION=BIXBY,OK TTYPE=PV -----

## 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	55
Error Mean Square	9.420315
Critical Value of t	2.00404
Least Significant Difference	6.1509

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	A	44.672	2	R01-2245
	A			
B	A	42.816	2	S02-2259
B	A			
B	A	42.464	2	G03-1668 RR
B	A			
B	A C	40.880	2	G03-2305 RR
B	A C			
B	D A C	40.384	2	R99-2512
B	D A C			
E B	D A C	38.736	2	R01-976
E B	D A C			
E B	D A C F	38.560	2	R01-2373
E B	D C F			
E B	D C F	38.480	2	DS95-217-1-880
E B	D C F			
E B	D G C F	37.952	2	5002T
E B	D G C F			
E B	D G C F	37.568	2	AG 5501RR
E B	D G C F			
E B	D G C F	37.504	2	TX 72518
E B	D G C F			
E B	D G H C F	36.768	2	G03-2282 RR
E B	D G H C F			
E B	D I G H C F	36.704	2	V01-2245
E	D I G H C F			
E J	D I G H C F	35.872	2	R01-379
E J	D I G H C F			
E J K	D I G H C F	34.992	2	TN02-104RR

----- LOCATION=BIXBY,OK TTYPE=PV -----

## The ANOVA Procedure

## t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping									Mean	N	VARIETY
E	J	K	D	I	G	H		F			
E	J	K	D	I	G	H		F	34.480	2	V01-3569
E	J	K	D	I	G	H		F			
E	J	K	D	I	G	H		F	34.400	2	G03-1737 RR
E	J	K		I	G	H		F			
E	J	K		I	G	H	L	F	34.128	2	5601T
E	J	K		I	G	H	L	F			
E	J	K	M	I	G	H	L	F	33.200	2	TX 73461
E	J	K	M	I	G	H	L	F			
E	J	K	M	I	G	H	L	F	32.816	2	G03-2366 RR
	J	K	M	I	G	H	L	F			
N	J	K	M	I	G	H	L	F	32.416	2	S03-383RR
N	J	K	M	I	G	H	L				
N	J	K	M	I	G	H	L		31.888	2	TN03-011RR
N	J	K	M	I		H	L				
N	J	K	M	I	O	H	L		30.864	2	V01-2122
N	J	K	M	I	O	H	L				
N	J	K	M	I	O	H	L	P	30.656	2	NCC01-285-RR
N	J	K	M	I	O		L	P			
N	J	K	M	I	O		L	P	30.592	2	NCC01-95
N	J	K	M	I	O		L	P			
N	J	K	M	I	O		L	P	30.560	2	TN03-128RR
N	J	K	M		O		L	P			
N	J	K	M		O		L	P	30.544	2	DB01-5463
N	J	K	M		O		L	P			
N	J	K	M		O	Q	L	P	30.368	2	TN03-091RR
N	J	K	M		O	Q	L	P			
N	J	K	M		O	Q	L	P	30.272	2	N01-138
N	J	K	M		O	Q	L	P			
N	J	K	M		O	Q	L	P	30.272	2	S03-382RR
N	J	K	M		O	Q	L	P			
N	J	K	M		O	Q	L	P	30.112	2	V01-3124
N	J	K	M		O	Q	L	P			
N	J	K	M	R	O	Q	L	P	30.016	2	TN03-052RR
N	J	K	M	R	O	Q	L	P			
N	J	K	M	R	O	Q	L	P	29.952	2	Md 02-844 RR
N		K	M	R	O	Q	L	P			
N		K	M	R	O	Q	L	P	29.664	2	K01-2531
N		K	M	R	O	Q	L	P			
N		K	M	R	O	Q	L	P	29.408	2	Anand



----- LOCATION=BIXBY,OK TTYPE=PV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping								Mean	N	VARIETY	
N		K	M	R	O	Q	L	P			
N	S	K	M	R	O	Q	L	P	29.024	2	NCC02-23985-RR
N	S	K	M	R	O	Q	L	P			
N	S	K	M	R	O	Q	L	P	28.976	2	NCC01-256-RR
N	S		M	R	O	Q	L	P			
N	S		M	R	O	Q	L	P	28.128	2	K03-4684 RR
N	S		M	R	O	Q		P			
N	S		M	R	O	Q		P	27.936	2	JTN-033
N	S		M	R	O	Q		P			
N	S		M	R	O	Q	T	P	27.376	2	S03-393RR
N	S		M	R	O	Q	T	P			
N	S		M	R	O	Q	T	P	27.200	2	V01-0582 RR
N	S			R	O	Q	T	P			
N	S		U	R	O	Q	T	P	26.592	2	S03-380RR
	S		U	R	O	Q	T	P			
	S		U	R	O	Q	T	P	25.472	2	DB01-4249
	S		U	R		Q	T	P			
	S		U	R	V	Q	T	P	24.704	2	DB01-080
	S		U	R	V	Q	T				
	S		U	R	V	Q	T		24.336	2	DB01-255
	S		U	R	V		T				
W	S		U	R	V		T		23.920	2	NCC02-20716
W	S		U		V		T				
W	S		U		V		T	X	23.088	2	K03-4685 RR
W	S		U		V		T	X			
W	S		U		V		T	X	22.928	2	LS02-4045
W			U		V		T	X			
W			U		V		T	X	21.680	2	K03-4689 RR
W			U		V		T	X			
W	Y		U		V		T	X	21.264	2	JTN-5203
W	Y		U		V			X			
W	Y		U		V			X	20.544	2	Md 00-6608
W	Y				V			X			
W	Y				V			X	18.976	2	K03-4683 RR
W	Y							X			
W	Y							X	18.112	2	Md 02-858 RR
W	Y							X			
W	Y							X	18.080	2	DB01-344
	Y							X			
	Y							X	17.568	2	Md 02-937 RR
	Y										
	Y								15.248	2	Md 02-337 RR

----- LOCATION=JACKSON,TN TTYPE=PV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	56	5002T 5601T AG 5501RR Anand DB01-080 DB01-255 DB01-344 DB01-4249 DB01-5463 DS95-217-1-880 G03-1668 RR G03-1737 RR G03-2282 RR G03-2305 RR G03-2366 RR JTN-033 JTN-5203 K01-2531 K03-4683 RR K03-4684 RR K03-4685 RR K03-4689 RR LS02-4045 Md 00-6608 Md 02-337 RR Md 02-844 RR Md 02-858 RR Md 02-937 RR N01-138 NCC01-256-RR NCC01-285-RR NCC01-95 NCC02-20716 NCC02-23985-RR R01-2245 R01-2373 R01-379 R01-976 R99-2512 S02-2259 S03-380RR S03-382RR S03-383RR S03-393RR TN02-104RR TN03-011RR TN03-052RR TN03-091RR TN03-128RR TX 72518 TX 73461 V01-0582 RR V01-2122 V01-2245 V01-3124 V01-3569

REP 2 1 2

Number of Observations Read 112  
 Number of Observations Used 109

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	56	8557.98443	152.82115	2.74	0.0002
Error	52	2899.29377	55.75565		
Corrected Total	108	11457.27821			

R-Square 0.746947  
 Coeff Var 14.71735  
 Root MSE 7.466971  
 YIELD Mean 50.73585

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	121.594163	121.594163	2.18	0.1458
VARIETY	55	8436.390270	153.388914	2.75	0.0002

----- LOCATION=JACKSON,TN TTYPE=PV -----

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 52  
 Error Mean Square 55.75565  
 Critical Value of t 2.00665  
 Least Significant Difference 15.38  
 Harmonic Mean of Cell Sizes 1.898305

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

		t Grouping				Mean	N	VARIETY				
				A		65.000	2	R01-2245				
				A								
	B			A		64.080	2	5601T				
	B			A								
	B			A	C	64.008	2	R01-379				
	B			A	C							
	B	D		A	C	61.616	2	JTN-033				
	B	D		A	C							
E	B	D		A	C	61.320	2	NCC01-285-RR				
E	B	D		A	C							
E	B	D		A	C	61.120	2	V01-2122				
E	B	D		A	C							
E	B	D		A	C	60.200	2	S02-2259				
E	B	D		A	C	F						
E	B	D		A	C	F						
E	B	D		A	C	F	60.160	2	R99-2512			
E	B	D		A	C	F						
E	B	D		A	G	C	F	59.136	1	DB01-080		
E	B	D		A	G	C	F					
E	B	D	H	A	G	C	F	58.904	2	NCC01-256-RR		
E	B	D	H	A	G	C	F					
E	B	I	D	H	A	G	C	F	58.608	2	5002T	
E	B	I	D	H	A	G	C	F				
E	B	I	D	H	A	G	C	F	58.520	2	G03-2366 RR	
E	B	I	D	H	A	G	C	F				
E	J	B	I	D	H	A	G	C	F	57.816	2	LS02-4045
E	J	B	I	D	H	A	G	C	F			

----- LOCATION=JACKSON,TN TTYPE=PV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping										Mean	N	VARIETY			
E	J	B	I	D	H	A	G	C	F	57.776	2	G03-1668 RR			
E	J	B	I	D	H	A	G	C	F						
E	J	B	I	D	H	A	G	C	F	57.704	2	V01-2245			
E	J	B	I	D	H	A	G	C	F						
E	J	B	I	D	H	A	G	C	F	57.168	2	R01-2373			
E	J	B	I	D	H	A	G	C	F						
E	J	B	I	D	H	A	G	C	F	56.872	2	TX 73461			
E	J	B	I	D	H	A	G	C	F						
E	J	B	I	D	H	A	G	C	F	55.896	2	V01-3569			
E	J	B	I	D	H	A	G	C	F						
E	J	B	I	D	H	A	G	C	F	54.512	2	DB01-5463			
E	J	B	I	D	H	A	G	C	F						
E	J	B	I	D	H	A	G	C	F	54.144	2	K01-2531			
E	J	B	I	D	H	A	G	C	F						
E	J	B	I	D	H	A	G	C	F	53.872	2	TX 72518			
E	J	B	I	D	H	A	G	C	F						
E	J	B	I	D	H	A	G	C	F	53.824	2	JTN-5203			
E	J	B	I	D	H	A	G	C	F						
E	J	B	I	D	H	A	G	C	F	53.496	2	V01-0582 RR			
E	J	B	I	D	H	A	G	C	F						
K	E	J	B	I	D	H	A	G	C	F	53.488	1	Anand		
K	E	J	B	I	D	H	A	G	C	F					
K	E	J	B	I	D	H	A	G	C	F	L	53.328	2	R01-976	
K	E	J	B	I	D	H	A	G	C	F	L				
K	E	J	B	I	D	H	A	G	C	F	L	53.224	2	DB01-255	
K	E	J	B	I	D	H	A	G	C	F	L				
K	E	J	B	I	D	H	A	G	C	F	L	53.168	2	Md 02-937 RR	
K	E	J	B	I	D	H	A	G	C	F	L				
K	E	J	B	I	D	H	A	G	C	F	L	52.752	2	DB01-344	
K	E	J	B	I	D	H	A	G	C	F	L				
K	E	J	B	I	D	H	A	G	C	F	L	52.680	2	TN03-011RR	
K	E	J	B	I	D	H	A	G	C	F	L				
K	E	J	B	I	D	H	A	G	C	M	F	L	52.264	2	G03-2282 RR
K	E	J	B	I	D	H	A	G	C	M	F	L			
K	E	J	B	I	D	H	A	G	C	M	F	L	51.688	2	DS95-217-1-880
K	E	J	B	I	D	H	A	G	C	M	F	L			
K	E	J	B	I	D	H	A	G	C	M	F	L	50.312	2	K03-4684 RR
K	E	J	B	I	D	H		G	C	M	F	L			
K	E	J	B	I	D	H		G	C	M	F	L	49.536	2	AG 5501RR
K	E	J	B	I	D	H		G	C	M	F	L			

----- LOCATION=JACKSON,TN TTYPE=PV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping												Mean	N	VARIETY
K	E	J	B	I	D	H	G	C	M	F	L	49.368	2	S03-383RR
K	E	J	B	I	D	H	G	C	M	F	L			
K	E	J	B	I	D	H	G	C	M	F	L	48.784	2	V01-3124
K	E	J	B	I	D	H	G	C	M	F	L			
K	E	J	B	I	D	H	G	C	M	F	L	48.704	2	TN03-128RR
K	E	J		I	D	H	G	C	M	F	L			
K	E	J		I	D	H	G	C	M	F	L	48.648	2	Md 02-844 RR
K	E	J		I	D	H	G		M	F	L			
K	E	J		I	D	H	G		M	F	L	48.016	2	K03-4683 RR
K	E	J		I	D	H	G		M	F	L			
K	E	J		I	D	H	G		M	F	L	47.464	2	TN03-091RR
K	E	J		I	D	H	G		M	F	L			
K	E	J		I	D	H	N	G	M	F	L	46.928	2	S03-382RR
K	E	J		I		H	N	G	M	F	L			
K	E	J		I		H	N	G	M	F	L	46.120	2	G03-1737 RR
K	E	J		I		H	N	G	M	F	L			
K	E	J		I		H	N	G	M	F	L	45.960	2	NCC01-95
K	E	J		I		H	N	G	M	F	L			
K	E	J		I		H	N	G	M	F	L	45.960	2	S03-393RR
K		J		I		H	N	G	M	F	L			
K		J		I		H	N	G	M	F	L	45.136	2	G03-2305 RR
K		J		I		H	N	G	M		L			
K		J	O	I		H	N	G	M		L	44.472	2	Md 02-337 RR
K		J	O	I		H	N	G	M		L			
K		J	O	I		H	N	G	M		L	44.392	2	NCC02-23985-RR
K		J	O	I		H	N		M		L			
K		J	O	I		H	N		M		L	43.696	2	S03-380RR
K		J	O	I			N		M		L			
K		J	O	I			N		M		L	43.456	2	TN02-104RR
K		J	O				N		M		L			
K		J	O				N	P	M		L	42.640	2	K03-4689 RR
K			O				N	P	M		L			
K			O				N	P	M		L	38.112	1	K03-4685 RR
			O				N	P	M		L			
			O				N	P	M		L	38.040	2	TN03-052RR
			O				N	P	M					
			O				N	P	M			37.064	2	DB01-4249
			O				N	P						
			O				N	P				32.064	2	Md 02-858 RR
			O					P						
			O					P				29.712	2	N01-138
			O					P						
			O					P				29.600	2	NCC02-20716
								P						
								P				27.944	2	Md 00-6608

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	56	5002T 5601T AG 5501RR Anand DB01-080 DB01-255 DB01-344 DB01-4249 DB01-5463 DS95-217-1-880 G03-1668 RR G03-1737 RR G03-2282 RR G03-2305 RR G03-2366 RR JTN-033 JTN-5203 K01-2531 K03-4683 RR K03-4684 RR K03-4685 RR K03-4689 RR LS02-4045 Md 00-6608 Md 02-337 RR Md 02-844 RR Md 02-858 RR Md 02-937 RR N01-138 NCC01-256-RR NCC01-285-RR NCC01-95 NCC02-20716 NCC02-23985-RR R01-2245 R01-2373 R01-379 R01-976 R99-2512 S02-2259 S03-380RR S03-382RR S03-383RR S03-393RR TN02-104RR TN03-011RR TN03-052RR TN03-091RR TN03-128RR TX 72518 TX 73461 V01-0582 RR V01-2122 V01-2245 V01-3124 V01-3569

REP 2 1 2

Number of Observations Read 112  
 Number of Observations Used 112

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	56	4244.574620	75.795975	2.25	0.0015
Error	55	1855.538756	33.737068		
Corrected Total	111	6100.113376			

R-Square 0.695819  
 Coeff Var 14.04355  
 Root MSE 5.808362  
 YIELD Mean 41.35965

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	481.091912	481.091912	14.26	0.0004
VARIETY	55	3763.482708	68.426958	2.03	0.0049



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

## The ANOVA Procedure

## t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping											Mean	N	VARIETY	
K	E	J	B	I	D	H	A	G	C	F				
K	E	J	B	I	D	H	A	G	C	F	44.167	2	DB01-344	
K	E	J	B	I	D	H	A	G	C	F				
K	E	J	B	I	D	H	A	G	C	F	43.789	2	S03-383RR	
K	E	J	B	I	D	H	A	G	C	F				
K	E	J	B	I	D	H	A	G	C	F	L	43.596	2	DS95-217-1-880
K	E	J	B	I	D	H		G	C	F	L			
K	E	J	B	I	D	H		G	C	F	L	43.075	2	S02-2259
K	E	J		I	D	H		G	C	F	L			
K	E	J		I	D	H		G	C	F	L	42.202	2	N01-138
K	E	J		I	D	H		G	C	F	L			
K	E	J		I	D	H		G	C	F	L	42.151	2	TX 72518
K	E	J		I	D	H		G	C	F	L			
K	E	J		I	D	H		G	C	F	L	42.143	2	JTN-033
K	E	J		I	D	H		G	C	F	L			
K	E	J		I	D	H		G	C	F	L	42.050	2	TN03-011RR
K	E	J		I	D	H		G	C	F	L			
K	E	J		I	D	H		G	C	F	L	42.025	2	G03-2366 RR
K	E	J		I	D	H		G		F	L			
K	E	J		I	D	H		G		F	L	41.874	2	V01-3124
K	E	J		I	D	H		G		F	L			
K	E	J		I	D	H		G		F	L	41.420	2	K03-4684 RR
K	E	J		I	D	H		G		F	L			
K	E	J		I	D	H		G		F	L	41.370	2	V01-0582 RR
K	E	J		I	D	H		G		F	L			
K	E	J		I	D	H		G		F	L	41.261	2	R99-2512
K	E	J		I	D	H		G		F	L			
K	E	J		I	D	H		G		F	L	41.261	2	G03-1668 RR
K	E	J		I	D	H		G		F	L			
K	E	J		I	D	H		G		F	L	41.152	2	V01-2122
K	E	J		I	D	H		G		F	L			
K	E	J		I	D	H		G		F	L	41.093	2	NCC01-256-RR
K	E	J		I	D	H		G		F	L			
K	E	J		I	D	H		G		F	L	41.034	2	Md 02-844 RR
K	E	J		I		H		G		F	L			
K	E	J		I		H		G		F	L	40.589	2	NCC01-95
K	E	J		I		H		G		F	L			
K	E	J		I		H		G		F	L	40.345	2	NCC01-285-RR
K	E	J		I		H		G		F	L			
K	E	J		I		H	M	G		F	L	40.144	2	V01-2245



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

## The ANOVA Procedure

## t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping									Mean	N	VARIETY
K	E	J	I	H	M	G	F	L			
K	E	J	I	H	M	G	F	L	39.698	2	R01-2373
K	E	J	I	H	M	G	F	L			
K	E	J	I	H	M	G	F	L	39.522	2	DB01-255
K	E	J	I	H	M	G	F	L			
K	E	J	I	H	M	G	F	L	39.388	2	G03-1737 RR
K		J	I	H	M	G	F	L			
K		J	I	H	M	G	F	L	38.472	2	DB01-080
K		J	I	H	M	G	F	L			
K		J	I	H	M	G	F	L	38.304	2	S03-382RR
K		J	I	H	M	G	F	L			
K		J	I	H	M	G	F	L	37.884	2	TN03-052RR
K		J	I	H	M	G		L			
K		J	I	H	M	G		L	37.540	2	K03-4685 RR
K		J	I	H	M			L			
K		J	I	H	M			L	36.481	2	S03-393RR
K		J	I	H	M			L			
K		J	I	H	M			L	36.406	2	S03-380RR
K		J	I	H	M			L			
K		J	I	H	M			L	36.296	2	TN03-091RR
K		J	I	H	M			L			
K		J	I	H	M			L	36.011	2	TN03-128RR
K		J	I	H	M			L			
K		J	I	H	M			L	35.490	2	DB01-4249
K		J	I	H	M			L			
K		J	I	H	M			L	35.398	2	NCC02-20716
K		J	I		M			L			
K		J	I		M			L	34.516	2	Md 02-858 RR
K		J			M			L			
K		J			M			L	33.894	2	Md 02-337 RR
K		J			M			L			
K		J			M			L	33.667	2	K03-4683 RR
K		J			M			L			
K		J			M			L	33.466	2	Md 02-937 RR
K		J			M			L			
K		J			M			L	33.004	2	NCC02-23985-RR
K		J			M			L			
K		J			M			L	32.936	2	K03-4689 RR
					M			L			
					M			L	32.122	2	LS02-4045
					M			L			
					M			L	28.510	2	Md 00-6608

----- LOCATION=PITTSBURG,KS TTYPE=PV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	56	5002T 5601T AG 5501RR Anand DB01-080 DB01-255 DB01-344 DB01-4249 DB01-5463 DS95-217-1-880 G03-1668 RR G03-1737 RR G03-2282 RR G03-2305 RR G03-2366 RR JTN-033 JTN-5203 K01-2531 K03-4683 RR K03-4684 RR K03-4685 RR K03-4689 RR LS02-4045 Md 00-6608 Md 02-337 RR Md 02-844 RR Md 02-858 RR Md 02-937 RR N01-138 NCC01-256-RR NCC01-285-RR NCC01-95 NCC02-20716 NCC02-23985-RR R01-2245 R01-2373 R01-379 R01-976 R99-2512 S02-2259 S03-380RR S03-382RR S03-383RR S03-393RR TN02-104RR TN03-011RR TN03-052RR TN03-091RR TN03-128RR TX 72518 TX 73461 V01-0582 RR V01-2122 V01-2245 V01-3124 V01-3569
REP	2	1 2

Number of Observations Read 112  
 Number of Observations Used 112

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	56	1900.863571	33.943992	8.11	<.0001
Error	55	230.245625	4.186284		
Corrected Total	111	2131.109196			

R-Square 0.891960  
 Coeff Var 8.150688  
 Root MSE 2.046041  
 YIELD Mean 25.10268

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	0.739375	0.739375	0.18	0.6759
VARIETY	55	1900.124196	34.547713	8.25	<.0001

----- LOCATION=PITTSBURG,KS TTYPE=PV -----

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 55  
 Error Mean Square 4.186284  
 Critical Value of t 2.00404  
 Least Significant Difference 4.1004

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	A	32.550	2	AG 5501RR
	A			
B	A	32.000	2	TX 72518
B	A			
B	A	32.000	2	R99-2512
B	A			
B	A C	31.450	2	R01-2373
B	A C			
B	A C	31.450	2	TN02-104RR
B	A C			
B	D A C	30.700	2	NCC01-256-RR
B	D A C			
E	B D A C	30.600	2	Anand
E	B D A C			
E	B D A C	30.550	2	R01-2245
E	B D A C			
E	B D A C F	30.000	2	DS95-217-1-880
E	B D A C F			
E	B D A C F	29.900	2	G03-1668 RR
E	B D A C F			
E	B D A G C F	29.650	2	G03-2305 RR
E	B D A G C F			
E	B D H A G C F	28.650	2	S02-2259
E	B D H G C F			
E	B D H I G C F	27.950	2	DB01-5463
E	B D H I G C F			
E	B D H I G C F	27.900	2	S03-383RR
E	D H I G C F			
E	D H I G C F	27.850	2	G03-2366 RR

----- LOCATION=PITTSBURG,KS TTYPE=PV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

										t Grouping	Mean	N	VARIETY	
E						D	H	I	G	C	F			
E						D	H	I	G	C	F	27.850	2	TN03-011RR
E						D	H	I	G	C	F			
E						D	H	I	G	C	F	27.800	2	G03-2282 RR
E						D	H	I	G	C	F			
E	J					D	H	I	G	C	F	27.550	2	DB01-4249
E	J					D	H	I	G	C	F			
E	J					D	H	I	G	C	F	27.450	2	V01-2245
E	J					D	H	I	G		F			
E	J					D	H	I	G		F	27.050	2	V01-3569
E	J					D	H	I	G		F			
E	J					D	H	I	G	K	F	26.750	2	S03-393RR
E	J					D	H	I	G	K	F			
E	J	L				D	H	I	G	K	F	26.650	2	JTN-5203
E	J	L				D	H	I	G	K	F			
E	M	J	L			D	H	I	G	K	F	26.600	2	DB01-255
E	M	J	L				H	I	G	K	F			
E	M	J	L	N			H	I	G	K	F	26.550	2	5002T
	M	J	L	N			H	I	G	K	F			
O	M	J	L	N			H	I	G	K	F	26.050	2	DB01-080
O	M	J	L	N			H	I	G	K	F			
O	M	J	L	N			H	I	G	K	F	26.050	2	K01-2531
O	M	J	L	N			H	I	G	K	F			
O	M	J	L	N			H	I	G	K	P	25.550	2	V01-2122
O	M	J	L	N			H	I	G	K	P			
O	M	J	L	N			H	I	G	K	P	25.550	2	DB01-344
O	M	J	L	N			H	I		K	P			
O	M	J	L	N			H	I	Q	K	P	25.100	2	R01-379
O	M	J	L	N			H	I	Q	K	P			
O	M	J	L	N			H	I	Q	K	P	25.100	2	R01-976
O	M	J	L	N			H	I	Q	K	P			
O	M	J	L	N			H	I	Q	K	P	25.050	2	5601T
O	M	J	L	N				I	Q	K	P			
O	M	J	L	N		R		I	Q	K	P	24.350	2	V01-3124
O	M	J	L	N		R		I	Q	K	P			
S	O	M	J	L	N	R		I	Q	K	P	24.200	2	TN03-052RR
S	O	M	J	L	N	R		I	Q	K	P			
S	O	M	J	L	N	R		I	Q	K	P	23.950	2	TX 73461
S	O	M	J	L	N	R			Q	K	P			
S	O	M	J	L	N	R	T		Q	K	P	23.600	2	NCC02-23985-RR

----- LOCATION=PITTSBURG,KS TTYPE=PV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping											Mean	N	VARIETY
S	O	M		L	N	R	T	Q	K	P			
S	O	M	U	L	N	R	T	Q	K	P	22.700	2	Md 02-937 RR
S	O	M	U	L	N	R	T	Q		P			
S	O	M	U	L	N	R	T	Q		P	22.600	2	N01-138
S	O	M	U	L	N	R	T	Q		P			
S	O	M	U	L	N	R	T	Q		P	22.550	2	S03-382RR
S	O	M	U		N	R	T	Q		P			
S	O	M	U		N	R	T	Q		P	22.500	2	JTN-033
S	O		U		N	R	T	Q		P			
S	O		U		N	R	T	Q		P	22.450	2	K03-4684 RR
S	O		U			R	T	Q		P			
S	O		U			R	T	Q		P	22.200	2	Md 02-337 RR
S	O		U			R	T	Q		P			
S	O		U			R	T	Q		P	22.200	2	TN03-091RR
S	O		U			R	T	Q	V	P			
S	O		U			R	T	Q	V	P	22.000	2	G03-1737 RR
S			U			R	T	Q	V	P			
S			U			R	T	Q	V	P	21.900	2	K03-4683 RR
S			U			R	T	Q	V				
S			U		W	R	T	Q	V		21.300	2	TN03-128RR
S			U		W	R	T		V				
S			U		W	R	T		V		20.500	2	Md 02-844 RR
S			U		W	R	T		V				
S			U		W	R	T		V		20.450	2	LS02-4045
S			U		W		T		V				
S			U		W		T		V		20.200	2	NCC02-20716
			U		W		T		V				
			U		W		T		V		19.700	2	V01-0582 RR
			U		W		T		V				
			U		W		T		V		19.650	2	Md 00-6608
			U		W		T		V				
			U		W		T		V		19.550	2	K03-4689 RR
			U		W				V				
			U		W				V		19.400	2	S03-380RR
			U		W				V				
			U		W				V		18.900	2	NCC01-285-RR
			U		W				V				
			U		W				V		17.950	2	K03-4685 RR
			U		W				V				
			U		W				V		17.600	2	Md 02-858 RR
			U		W				V				
			U		W				V		17.450	2	NCC01-95

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	56	5002T 5601T AG 5501RR Anand DB01-080 DB01-255 DB01-344 DB01-4249 DB01-5463 DS95-217-1-880 G03-1668 RR G03-1737 RR G03-2282 RR G03-2305 RR G03-2366 RR JTN-033 JTN-5203 K01-2531 K03-4683 RR K03-4684 RR K03-4685 RR K03-4689 RR LS02-4045 Md 00-6608 Md 02-337 RR Md 02-844 RR Md 02-858 RR Md 02-937 RR N01-138 NCC01-256-RR NCC01-285-RR NCC01-95 NCC02-20716 NCC02-23985-RR R01-2245 R01-2373 R01-379 R01-976 R99-2512 S02-2259 S03-380RR S03-382RR S03-383RR S03-393RR TN02-104RR TN03-011RR TN03-052RR TN03-091RR TN03-128RR TX 72518 TX 73461 V01-0582 RR V01-2122 V01-2245 V01-3124 V01-3569

REP 2 1 2

Number of Observations Read 112  
 Number of Observations Used 112

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	56	4868.901043	86.944661	6.34	<.0001
Error	55	753.841177	13.706203		
Corrected Total	111	5622.742220			

R-Square 0.865930  
 Coeff Var 8.215396  
 Root MSE 3.702189  
 YIELD Mean 45.06404

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	14.456220	14.456220	1.05	0.3089
VARIETY	55	4854.444823	88.262633	6.44	<.0001

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

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 55  
 Error Mean Square 13.7062  
 Critical Value of t 2.00404  
 Least Significant Difference 7.4194

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	A	60.838	2	V01-3569
	A			
B	A	55.025	2	Anand
B				
B	C	53.258	2	Md 02-937 RR
B	C			
B	C D	52.948	2	V01-2245
B	C D			
B	E C D	52.080	2	DB01-344
B	E C D			
F	B E C D	51.724	2	R01-2373
F	B E C D			
F	B E C D G	50.701	2	DS95-217-1-880
F	B E C D G			
F	B E C D G	50.577	2	TN02-104RR
F	B E C D G			
F	B E C H D G	49.957	2	5002T
F	B E C H D G			
F	B E C H D G	49.879	2	5601T
F	B E C H D G			
F	B E C H D G	49.864	2	NCC01-256-RR
F	B E C H D G			
F	B E I C H D G	49.662	2	S03-383RR
F	B E I C H D G			
F	B E I C H D G	49.352	2	JTN-5203
F	B E I C H D G			
F	B E I C H D G	49.321	2	V01-2122
F	B E I C H D G			
F	B E I C H D G	49.321	2	DB01-5463

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

## The ANOVA Procedure

## t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping										Mean	N	VARIETY	
	F		B		E	I	C	H	D	G			
	F		B	J	E	I	C	H	D	G	49.151	2	R01-976
	F		B	J	E	I	C	H	D	G			
	F	K	B	J	E	I	C	H	D	G	49.073	2	AG 5501RR
	F	K	B	J	E	I	C	H	D	G			
L	F	K	B	J	E	I	C	H	D	G	48.593	2	NCC02-20716
L	F	K	B	J	E	I	C	H	D	G			
L	F	K	B	J	E	I	C	H	D	G	48.484	2	R01-379
L	F	K	B	J	E	I	C	H	D	G			
L	F	K	B	J	E	I	C	H	D	G	48.484	2	S02-2259
L	F	K	B	J	E	I	C	H	D	G			
L	F	K	B	J	E	I	C	H	D	G	48.391	2	NCC01-285-RR
L	F	K	B	J	E	I	C	H	D	G			
L	F	K	B	J	E	I	C	H	D	G	48.050	2	V01-0582 RR
L	F	K	B	J	E	I	C	H	D	G			
L	F	K	B	J	E	I	C	H	D	G	47.957	2	K01-2531
L	F	K	B	J	E	I	C	H	D	G			
L	F	K	B	J	E	I	C	H	D	G	47.725	2	Md 02-337 RR
L	F	K		J	E	I	C	H	D	G			
L	F	K		J	E	I	C	H	D	G	47.539	2	G03-1737 RR
L	F	K		J	E	I	C	H	D	G			
L	F	K		J	E	I	C	H	D	G	47.508	2	TX 73461
L	F	K		J	E	I	C	H	D	G			
L	F	K		J	E	I	C	H	D	G	47.136	2	TN03-011RR
L	F	K		J	E	I	C	H	D	G			
L	F	K	N	J	E	I	C	H	D	G	46.717	2	R01-2245
L	F	K	N	J	E	I	C	H	D	G			
L	F	K	N	J	E	I	C	H	D	G	46.624	2	G03-2282 RR
L	F	K	N	J	E	I	C	H	D	G			
L	F	K	N	J	E	I	C	H	D	O	46.082	2	NCC02-23985-RR
L	F	K	N	J	E	I		H	D	O			
L	F	K	N	J	E	I	P	H	D	O	45.694	2	R99-2512
L	F	K	N	J	E	I	P	H	D	O			
L	F	K	N	J	E	I	P	H	D	O	45.617	2	NCC01-95
L	F	K	N	J	E	I	P	H		O			
L	F	K	N	J	E	I	P	H	Q	O	44.857	2	S03-380RR
L	F	K	N	J	E	I	P	H	Q	O			
L	F	K	N	J	E	I	P	H	Q	O	44.671	2	TN03-091RR
L	F	K	N	J		I	P	H	Q	O			
L	F	K	N	J		I	P	H	Q	O	44.439	2	JTN-033



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

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping											Mean	N	VARIETY		
L		K	N	J		I	P	H	Q	O	G	M			
L		K	N	J		I	P	H	Q	O	G	M	44.067	2	LS02-4045
L		K	N	J		I	P	H	Q	O	G	M			
L		K	N	J		I	P	H	Q	O	G	M	44.051	2	DB01-4249
L		K	N	J		I	P	H	Q	O	G	M			
L		K	N	J		I	P	H	Q	O	G	M	43.633	2	S03-382RR
L		K	N	J		I	P	H	Q	O		M			
L		K	N	J	R	I	P	H	Q	O		M	43.075	2	S03-393RR
L		K	N	J	R	I	P		Q	O		M			
L		K	N	J	R	I	P		Q	O		M	42.331	2	Md 02-844 RR
L		K	N	J	R	I	P		Q	O		M			
L		K	N	J	R	I	P		Q	O		M	42.284	2	TX 72518
L		K	N	J	R		P		Q	O		M			
L	S	K	N	J	R		P		Q	O		M	41.804	2	TN03-128RR
L	S	K	N		R		P		Q	O		M			
L	S	K	N		R		P		Q	O		M	41.695	2	N01-138
L	S		N		R		P		Q	O		M			
L	S		N		R		P		Q	O		M	41.571	2	DB01-255
	S		N		R		P		Q	O		M			
	S		N		R		P		Q	O	T	M	40.517	2	G03-1668 RR
	S		N		R		P		Q	O	T				
	S		N		R		P		Q	O	T		39.525	2	K03-4684 RR
	S				R		P		Q	O	T				
	S				R		P		Q	O	T		38.952	2	K03-4689 RR
	S				R		P		Q	O	T				
	S				R		P		Q	O	T		38.905	2	DB01-080
	S				R		P		Q		T				
	S		U		R		P		Q		T		38.595	2	Md 02-858 RR
	S		U		R				Q		T				
	S		U		R				Q		T		37.603	2	G03-2366 RR
	S		U		R						T				
	S		U		R						T		35.666	2	TN03-052RR
	S		U								T				
	S		U				V				T		34.426	2	K03-4685 RR
			U				V				T				
			U				V				T		34.023	2	Md 00-6608
			U				V								
			U				V		W				31.388	2	K03-4683 RR
							V		W						
							V		W				28.164	2	G03-2305 RR
									W						
									W				24.025	2	V01-3124

----- LOCATION=PORTAGEVILLE,MO(A) TTYPE=PV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	56	5002T 5601T AG 5501RR Anand DB01-080 DB01-255 DB01-344 DB01-4249 DB01-5463 DS95-217-1-880 G03-1668 RR G03-1737 RR G03-2282 RR G03-2305 RR G03-2366 RR JTN-033 JTN-5203 K01-2531 K03-4683 RR K03-4684 RR K03-4685 RR K03-4689 RR LS02-4045 Md 00-6608 Md 02-337 RR Md 02-844 RR Md 02-858 RR Md 02-937 RR N01-138 NCC01-256-RR NCC01-285-RR NCC01-95 NCC02-20716 NCC02-23985-RR R01-2245 R01-2373 R01-379 R01-976 R99-2512 S02-2259 S03-380RR S03-382RR S03-383RR S03-393RR TN02-104RR TN03-011RR TN03-052RR TN03-091RR TN03-128RR TX 72518 TX 73461 V01-0582 RR V01-2122 V01-2245 V01-3124 V01-3569
REP	2	1 2

Number of Observations Read 112  
 Number of Observations Used 112

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	56	8639.135736	154.270281	6.65	<.0001
Error	55	1275.090875	23.183470		
Corrected Total	111	9914.226611			

R-Square      Coeff Var      Root MSE      YIELD Mean  
 0.871388      6.613946      4.814922      72.79953

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	109.755757	109.755757	4.73	0.0339
VARIETY	55	8529.379980	155.079636	6.69	<.0001

----- LOCATION=PORTAGEVILLE,MO(A) TTYPE=PV -----

## 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	55
Error Mean Square	23.18347
Critical Value of t	2.00404
Least Significant Difference	9.6493

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	A	90.528	2	5601T
	A			
B	A	85.411	2	S03-382RR
B	A			
B	A	84.083	2	JTN-5203
B	A			
B	D	82.619	2	5002T
B	D			
B	D	82.521	2	K03-4685 RR
B	D			
E	B	82.213	2	NCC01-95
E	B			
E	B	82.127	2	S03-383RR
E	B			
E	B	81.684	2	K03-4684 RR
E	B			
E	B	80.971	2	K01-2531
E	B			
E	B	80.245	2	S03-393RR
E	B			
E	B	79.261	2	N01-138
E	B			
E	B	79.224	2	R01-976
E	B			
E	B	78.794	2	TN03-011RR
E	B			
E	B	78.290	2	DS95-217-1-880
E	B			
E	B	78.130	2	S02-2259

----- LOCATION=PORTAGEVILLE,MO(A) TTYPE=PV -----

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	I	G	H	C	F										
E	B	J	D	I	G	H	C	F		77.798	2	TN03-052RR					
E	B	J	D	I	G	H	C	F									
E	K	B	J	D	I	G	H	C	F	77.367	2	G03-1668 RR					
E	K	B	J	D	I	G	H	C	F								
E	K	B	J	D	I	G	H	C	F	77.367	2	NCC01-285-RR					
E	K	B	J	D	I	G	H	C	F								
L	E	K	B	J	D	I	G	H	C	F	76.777	2	NCC01-256-RR				
L	E	K	B	J	D	I	G	H	C	F							
L	E	K	B	J	D	I	G	H	C	F	M	76.629	2	S03-380RR			
L	E	K	B	J	D	I	G	H	C	F	M						
L	E	K	B	J	D	I	G	H	C	F	M	76.383	2	V01-2245			
L	E	K	B	J	D	I	G	H	C	F	M						
L	E	K	B	J	D	I	G	H	C	F	M	76.076	2	V01-0582 RR			
L	E	K	B	J	D	I	G	H	C	F	M						
L	E	K	B	J	D	I	G	H	C	N	F	M	76.002	2	K03-4689 RR		
L	E	K	J	D	I	G	H	C	N	F	M						
L	E	K	O	J	D	I	G	H	C	N	F	M	75.276	2	TN02-104RR		
L	E	K	O	J	D	I	G	H	C	N	F	M					
L	E	K	O	J	D	I	G	H	C	N	F	M	75.264	2	V01-2122		
L	E	K	O	J	D	I	G	H	C	N	F	M					
L	E	K	O	J	D	I	G	H	P	C	N	F	M	75.018	2	Anand	
L	E	K	O	J	D	I	G	H	P	C	N	F	M				
L	E	K	O	J	D	I	G	Q	H	P	C	N	F	M	74.477	2	NCC02-20716
L	E	K	O	J	D	I	G	Q	H	P	N	F	M				
L	E	K	O	J	D	I	G	Q	H	P	N	F	M	73.849	2	V01-3569	
L	E	K	O	J	D	I	G	Q	H	P	N	F	M				
L	E	K	O	J	D	I	G	Q	H	P	R	N	F	M	73.775	2	K03-4683 RR
L	E	K	O	J	D	I	G	Q	H	P	R	N	F	M			
L	E	K	O	J	D	I	G	Q	H	P	R	N	F	M	73.702	2	TX 73461
L	E	K	O	J	D	I	G	Q	H	P	R	N	F	M			
L	E	K	O	J	D	I	G	Q	H	P	R	N	F	M	73.062	2	NCC02-23985-RR
L	E	K	O	J	D	I	G	Q	H	P	R	N	F	M			
L	E	K	O	J	D	I	G	Q	H	P	R	N	F	M	72.976	2	R01-379
L	E	K	O	J	I	G	Q	H	P	R	N	F	M				
L	E	K	O	J	I	G	Q	H	P	R	N	F	M	72.804	2	G03-2282 RR	
L	E	K	O	J	I	G	Q	H	P	R	N	F	M				
L	E	K	O	J	S	I	G	Q	H	P	R	N	F	M	72.693	2	TN03-091RR
L	K	O	J	S	I	G	Q	H	P	R	N	F	M				
L	T	K	O	J	S	I	G	Q	H	P	R	N	F	M	71.549	2	JTN-033

----- LOCATION=PORTAGEVILLE,MO(A) TTYPE=PV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping													Mean	N	VARIETY		
L	T	K	O	J	S	I	G	Q	H	P	R	N	F	M			
L	T	K	O	J	S	I	G	Q	H	P	R	N	F	M	71.328	2	LS02-4045
L	T	K	O	J	S	I	G	Q	H	P	R	N		M			
L	T	K	O	J	S	I	G	Q	H	P	R	N		M	70.787	2	R01-2245
L	T	K	O	J	S	I		Q	H	P	R	N		M			
L	T	K	O	J	S	I		Q	H	P	R	N		M	70.553	2	R99-2512
L	T	K	O	J	S	I		Q		P	R	N		M			
L	T	K	O	J	S	I	U	Q		P	R	N		M	69.089	2	DB01-255
L	T	K	O	J	S	I	U	Q		P	R	N		M			
L	T	K	O	J	S	I	U	Q		P	R	N		M	68.892	2	AG 5501RR
L	T	K	O	J	S		U	Q		P	R	N		M			
L	T	K	O	J	S		U	Q		P	R	N		M	68.179	2	Md 02-337 RR
L	T	K	O	J	S		U	Q		P	R	N		M			
L	T	K	O	J	S		U	Q		P	R	N		M	68.154	2	Md 02-858 RR
L	T	K	O		S		U	Q		P	R	N		M			
L	T	K	O		S		U	Q		P	R	N		M	67.748	2	Md 02-937 RR
L	T		O		S		U	Q		P	R	N		M			
L	T		O		S		U	Q		P	R	N	V	M	67.220	2	DB01-5463
	T		O		S		U	Q		P	R	N	V	M			
	T		O		S		U	Q		P	R	N	V	M	67.121	2	DB01-344
	T		O		S		U	Q		P	R	N	V				
	T		O		S		U	Q		P	R	N	V		66.371	2	TN03-128RR
	T		O		S		U	Q		P	R		V				
	T		O		S		U	Q		P	R		V		66.026	2	Md 02-844 RR
	T				S		U	Q		P	R		V				
	T				S		U	Q		P	R		V		65.375	2	Md 00-6608
	T				S		U	Q			R		V				
	T				S		U	Q			R		V		65.362	2	R01-2373
	T				S		U				R		V				
	T				S		U				R		V		64.181	2	G03-2305 RR
	T				S		U						V				
	T				S		U						V		63.087	2	DB01-080
	T						U						V				
	T						U						V		62.386	2	TX 72518
							U						V				
							U						V		60.393	2	G03-2366 RR
													V				
													V		57.908	2	G03-1737 RR
													V				
													V		57.810	2	V01-3124
						W									33.862	2	DB01-4249

----- LOCATION=PROSPER, TX TTYPE=PV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	56	5002T 5601T AG 5501RR Anand DB01-080 DB01-255 DB01-344 DB01-4249 DB01-5463 DS95-217-1-880 G03-1668 RR G03-1737 RR G03-2282 RR G03-2305 RR G03-2366 RR JTN-033 JTN-5203 K01-2531 K03-4683 RR K03-4684 RR K03-4685 RR K03-4689 RR LS02-4045 Md 00-6608 Md 02-337 RR Md 02-844 RR Md 02-858 RR Md 02-937 RR N01-138 NCC01-256-RR NCC01-285-RR NCC01-95 NCC02-20716 NCC02-23985-RR R01-2245 R01-2373 R01-379 R01-976 R99-2512 S02-2259 S03-380RR S03-382RR S03-383RR S03-393RR TN02-104RR TN03-011RR TN03-052RR TN03-091RR TN03-128RR TX 72518 TX 73461 V01-0582 RR V01-2122 V01-2245 V01-3124 V01-3569
REP	1	1

Number of Observations Read	56
Number of Observations Used	55

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	54	922.5454545	17.0841751	.	.
Error	0	0.0000000	.		
Corrected Total	54	922.5454545			

R-Square	Coeff Var	Root MSE	YIELD Mean
1.000000	.	.	13.90909

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	0	0.0000000	.	.	.
VARIETY	54	922.5454545	17.0841751	.	.

ANALYSIS OF YIELD 10:31 Wednesday, February 1, 2006

----- LOCATION=PROSPER, TX TTYPE=PV -----

## The ANOVA Procedure

Level of VARIETY	N	-----YIELD-----	
		Mean	Std Dev
5002T	1	15.0000000	.
5601T	1	12.0000000	.
AG 5501RR	1	11.0000000	.
Anand	1	15.0000000	.
DB01-080	1	12.0000000	.
DB01-255	1	6.0000000	.
DB01-4249	1	12.0000000	.
DB01-5463	1	15.0000000	.
DS95-217-1-880	1	12.0000000	.
G03-1668 RR	1	12.0000000	.
G03-1737 RR	1	13.0000000	.
G03-2282 RR	1	15.0000000	.
G03-2305 RR	1	16.0000000	.
G03-2366 RR	1	14.0000000	.
JTN-033	1	17.0000000	.
JTN-5203	1	14.0000000	.
K01-2531	1	13.0000000	.
K03-4683 RR	1	13.0000000	.
K03-4684 RR	1	13.0000000	.
K03-4685 RR	1	6.0000000	.
K03-4689 RR	1	8.0000000	.
LS02-4045	1	21.0000000	.
Md 00-6608	1	13.0000000	.
Md 02-337 RR	1	17.0000000	.
Md 02-844 RR	1	15.0000000	.
Md 02-858 RR	1	8.0000000	.
Md 02-937 RR	1	6.0000000	.
N01-138	1	13.0000000	.
NCC01-256-RR	1	20.0000000	.
NCC01-285-RR	1	15.0000000	.
NCC01-95	1	13.0000000	.
NCC02-20716	1	18.0000000	.
NCC02-23985-RR	1	16.0000000	.
R01-2245	1	15.0000000	.
R01-2373	1	14.0000000	.
R01-379	1	16.0000000	.
R01-976	1	19.0000000	.
R99-2512	1	19.0000000	.
S02-2259	1	22.0000000	.
S03-380RR	1	17.0000000	.
S03-382RR	1	14.0000000	.
S03-383RR	1	17.0000000	.
S03-393RR	1	13.0000000	.
TN02-104RR	1	14.0000000	.
TN03-011RR	1	21.0000000	.
TN03-052RR	1	15.0000000	.
TN03-091RR	1	10.0000000	.
TN03-128RR	1	15.0000000	.
TX 72518	1	18.0000000	.
TX 73461	1	17.0000000	.
V01-0582 RR	1	14.0000000	.
V01-2122	1	13.0000000	.
V01-2245	1	17.0000000	.
V01-3124	1	1.0000000	.
V01-3569	1	5.0000000	.

----- LOCATION=QUEENSTOWN,MD TTYPE=PV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	56	5002T 5601T AG 5501RR Anand DB01-080 DB01-255 DB01-344 DB01-4249 DB01-5463 DS95-217-1-880 G03-1668 RR G03-1737 RR G03-2282 RR G03-2305 RR G03-2366 RR JTN-033 JTN-5203 K01-2531 K03-4683 RR K03-4684 RR K03-4685 RR K03-4689 RR LS02-4045 Md 00-6608 Md 02-337 RR Md 02-844 RR Md 02-858 RR Md 02-937 RR N01-138 NCC01-256-RR NCC01-285-RR NCC01-95 NCC02-20716 NCC02-23985-RR R01-2245 R01-2373 R01-379 R01-976 R99-2512 S02-2259 S03-380RR S03-382RR S03-383RR S03-393RR TN02-104RR TN03-011RR TN03-052RR TN03-091RR TN03-128RR TX 72518 TX 73461 V01-0582 RR V01-2122 V01-2245 V01-3124 V01-3569

REP 2 1 2

Number of Observations Read 112  
 Number of Observations Used 112

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	56	2643.671161	47.208414	1.77	0.0177
Error	55	1465.972450	26.654045		
Corrected Total	111	4109.643610			

R-Square 0.643285  
 Coeff Var 10.16876  
 Root MSE 5.162756  
 YIELD Mean 50.77076

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	13.045988	13.045988	0.49	0.4871
VARIETY	55	2630.625173	47.829549	1.79	0.0160



----- LOCATION=QUEENSTOWN,MD TTYPE=PV -----

## 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	55
Error Mean Square	26.65404
Critical Value of t	2.00404
Least Significant Difference	10.346

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	A	59.938	2	DS95-217-1-880
	A			
	A	59.813	2	NCC02-20716
	A			
B	A	58.650	2	N01-138
B	A			
B	A	57.625	2	V01-2122
B	A			
B	A	57.600	2	Anand
B	A			
B	A	57.288	2	5601T
B	D			
B	A	57.100	2	NCC02-23985-RR
E	B			
E	B	56.125	2	S02-2259
E	B			
E	B	56.025	2	JTN-5203
E	B			
E	B	55.525	2	NCC01-95
E	B			
E	B	54.838	2	S03-383RR
E	B			
E	B	54.763	2	S03-382RR
E	B			
E	B	54.313	2	G03-2305 RR
E	B			
E	B	53.750	2	JTN-033
E	B			
E	B	53.600	2	K01-2531
E	B			
	D			
	H			

----- LOCATION=QUEENSTOWN,MD TTYPE=PV -----

## 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	H	A	G	C	F			
E	B		D	H	A	G	C	F	53.425	2	NCC01-256-RR
E	B		D	H	A	G	C	F			
E	B		D	H	A	G	C	F	53.300	2	G03-1668 RR
E	B		D	H	A	G	C	F			
E	B		D	H	A	G	C	F	53.125	2	V01-2245
E	B		D	H	A	G	C	F			
E	B		D	H	A	G	C	F	52.938	2	R99-2512
E	B		D	H	A	G	C	F			
E	B		D	H	A	G	C	F	52.888	2	Md 02-858 RR
E	B		D	H	A	G	C	F			
E	B		D	H	A	G	C	F	52.800	2	TN02-104RR
E	B		D	H	A	G	C	F			
E	B		D	H	A	G	C	F	52.663	2	K03-4689 RR
E	B		D	H	A	G	C	F			
E	B		D	H	A	G	C	F	52.363	2	S03-393RR
E	B		D	H	A	G	C	F			
E	B		D	H	A	G	C	F	52.238	2	V01-3569
E	B		D	H	A	G	C	F			
E	B	I	D	H	A	G	C	F	51.550	2	TN03-091RR
E	B	I	D	H	A	G	C	F			
E	B	I	D	H	A	G	C	F	51.275	2	R01-379
E	B	I	D	H	A	G	C	F			
E	B	I	D	H	A	G	C	F	51.088	2	V01-0582 RR
E	B	I	D	H	A	G	C	F			
E	B	I	D	H	A	G	C	F	50.663	2	Md 02-937 RR
E	B	I	D	H	A	G	C	F			
E	B	I	D	H	A	G	C	F	50.325	2	Md 02-337 RR
E	B	I	D	H	A	G	C	F			
E	B	I	D	H	A	G	C	F	50.213	2	G03-2282 RR
E	B	I	D	H	A	G	C	F			
E	B	I	D	H	A	G	C	F	50.175	2	R01-976
E	B	I	D	H	A	G	C	F			
E	B	I	D	H	A	G	C	F	49.875	2	NCC01-285-RR
E	B	I	D	H	A	G	C	F			
E	B	I	D	H	A	G	C	F	49.875	2	TX 73461
E	B	I	D	H		G	C	F			
E	B	I	D	H	J	G	C	F	49.438	2	AG 5501RR
E	B	I	D	H	J	G	C	F			
E	B	I	D	H	J	G	C	F	49.300	2	K03-4683 RR

----- LOCATION=QUEENSTOWN,MD TTYPE=PV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping									Mean	N	VARIETY
E	B	I	D	H	J	G	C	F			
E	B	I	D	H	J	G	C	F	49.300	2	Md 02-844 RR
E	B	I	D	H	J	G	C	F			
E	B	I	D	H	J	G	C	F	49.100	2	R01-2245
E	B	I	D	H	J	G	C	F			
E	B	I	D	H	J	G	C	F	48.950	2	R01-2373
E	B	I	D	H	J	G	C	F			
E	B	I	D	H	J	G	C	F	48.600	2	K03-4685 RR
E	B	I	D	H	J	G	C	F			
E	B	I	D	H	J	G	C	F	48.600	2	DB01-255
E	B	I	D	H	J	G	C	F			
E	B	I	D	H	J	G	C	F	48.413	2	G03-2366 RR
E		I	D	H	J	G	C	F			
E		I	D	H	J	G	C	F	47.838	2	DB01-080
E		I	D	H	J	G	C	F			
E		I	D	H	J	G	C	F	47.700	2	TN03-011RR
E		I	D	H	J	G		F			
E		I	D	H	J	G		F	47.113	2	G03-1737 RR
E		I	D	H	J	G		F			
E		I	D	H	J	G		F	47.088	2	S03-380RR
E		I		H	J	G		F			
E		I		H	J	G		F	46.938	2	TN03-052RR
E		I		H	J	G		F			
E		I		H	J	G		F	46.900	2	LS02-4045
		I		H	J	G		F			
		I		H	J	G		F	46.538	2	5002T
		I		H	J	G		F			
		I		H	J	G		F	46.513	2	V01-3124
		I		H	J	G		F			
		I		H	J	G		F	46.450	2	TX 72518
		I		H	J	G		F			
		I		H	J	G		F	46.288	2	DB01-344
		I		H	J	G					
	K	I		H	J	G			45.413	2	DB01-5463
	K	I		H	J						
	K	I		H	J				43.263	2	TN03-128RR
	K	I			J						
	K	I			J				41.213	2	K03-4684 RR
	K				J						
	K				J				39.175	2	DB01-4249
	K										
	K								35.313	2	Md 00-6608

----- LOCATION=STONEVILLE,MS TTYPE=PV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	56	5002T 5601T AG 5501RR Anand DB01-080 DB01-255 DB01-344 DB01-4249 DB01-5463 DS95-217-1-880 G03-1668 RR G03-1737 RR G03-2282 RR G03-2305 RR G03-2366 RR JTN-033 JTN-5203 K01-2531 K03-4683 RR K03-4684 RR K03-4685 RR K03-4689 RR LS02-4045 Md 00-6608 Md 02-337 RR Md 02-844 RR Md 02-858 RR Md 02-937 RR N01-138 NCC01-256-RR NCC01-285-RR NCC01-95 NCC02-20716 NCC02-23985-RR R01-2245 R01-2373 R01-379 R01-976 R99-2512 S02-2259 S03-380RR S03-382RR S03-383RR S03-393RR TN02-104RR TN03-011RR TN03-052RR TN03-091RR TN03-128RR TX 72518 TX 73461 V01-0582 RR V01-2122 V01-2245 V01-3124 V01-3569

REP 2 1 2

Number of Observations Read 112  
 Number of Observations Used 112

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	56	13509.86801	241.24764	5.32	<.0001
Error	55	2495.09474	45.36536		
Corrected Total	111	16004.96275			

R-Square 0.844105  
 Coeff Var 14.23317  
 Root MSE 6.735381  
 YIELD Mean 47.32171

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	326.52523	326.52523	7.20	0.0096
VARIETY	55	13183.34279	239.69714	5.28	<.0001

----- LOCATION=STONEVILLE,MS TTYPE=PV -----

## 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	55
Error Mean Square	45.36536
Critical Value of t	2.00404
Least Significant Difference	13.498

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	A	62.502	2	DS95-217-1-880
	A			
	A	62.469	2	R01-976
	A			
B	A	60.473	2	5601T
B	A			
B	A	59.813	2	TN02-104RR
B	A			
B	A	59.796	2	JTN-033
B	A			
B	D	59.532	2	JTN-5203
B	D			
E	B	58.658	2	5002T
E	B			
E	B	57.816	2	R01-379
E	B			
E	B	57.717	2	DB01-344
E	B			
E	B	57.635	2	DB01-255
E	B			
E	B	57.387	2	S03-380RR
E	B			
E	B	57.173	2	Anand
E	B			
E	B	56.793	2	S02-2259
E	B			
E	B	54.813	2	V01-2245
E	B			
E	B	54.632	2	LS02-4045

----- LOCATION=STONEVILLE,MS TTYPE=PV -----

## 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	G	C	F					
E		B		D	H	A	G	C	F	53.592	2	DB01-4249		
E		B		D	H	A	G	C	F					
E		B		D	H	A	G	C	F	52.899	2	NCC01-256-RR		
E		B		D	H	A	G	C	F					
E		B	I	D	H	A	G	C	F	52.602	2	R99-2512		
E		B	I	D	H	A	G	C	F					
E		B	I	D	H	A	G	C	F	52.206	2	NCC02-20716		
E		B	I	D	H	A	G	C	F					
E		B	I	D	H	A	G	C	F	52.074	2	TN03-128RR		
E		B	I	D	H	A	G	C	F					
E		B	I	D	H	A	G	C	F	51.546	2	S03-382RR		
E		B	I	D	H	A	G	C	F					
E		B	I	D	H	A	G	C	F	51.546	2	NCC01-95		
E		B	I	D	H	A	G	C	F					
E		B	I	D	H	A	G	C	F	51.431	2	R01-2373		
E		B	I	D	H	A	G	C	F					
E	J	B	I	D	H	A	G	C	F	50.606	2	NCC01-285-RR		
E	J	B	I	D	H	A	G	C	F					
E	J	B	I	D	H	A	G	C	F	50.325	2	Md 02-337 RR		
E	J	B	I	D	H	A	G	C	F					
K	E	J	B	I	D	H	A	G	C	F	50.292	2	AG 5501RR	
K	E	J	B	I	D	H	A	G	C	F				
K	E	J	B	I	D	H	A	G	C	F	49.665	2	K03-4684 RR	
K	E	J	B	I	D	H	A	G	C	F				
K	E	J	B	I	D	H	A	G	C	F	L	49.566	2	DB01-080
K	E	J	B	I	D	H	A	G	C	F	L			
K	E	J	B	I	D	H	A	G	C	F	L	49.533	2	K03-4689 RR
K	E	J	B	I	D	H	A	G	C	F	L			
K	E	J	B	I	D	H	A	G	C	F	L	49.467	2	TN03-011RR
K	E	J	B	I	D	H	A	G	C	F	L			
K	E	J	B	I	D	H	A	G	C	F	L	49.277	2	V01-2122
K	E	J	B	I	D	H	A	G	C	F	L			
K	E	J	B	I	D	H	A	G	C	F	L	49.220	2	DB01-5463
K	E	J	B	I	D	H	A	G	C	F	L			
K	E	J	B	I	D	H	A	G	C	F	L	49.187	2	S03-383RR
K	E	J	B	I	D	H		G	C	F	L			
K	E	J	B	I	D	H		G	C	F	L	48.906	2	Md 02-844 RR
K	E	J	B	I	D	H		G	C	F	L			
K	E	J	B	I	D	H	M	G	C	F	L	48.081	2	NCC02-23985-RR

----- LOCATION=STONEVILLE,MS TTYPE=PV -----

## The ANOVA Procedure

## t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping												Mean	N	VARIETY
K	E	J	B	I	D	H	M	G	C	F	L			
K	E	J	B	I	D	H	M	G	C	F	L	47.900	2	K03-4685 RR
K	E	J		I	D	H	M	G	C	F	L			
K	E	J		I	D	H	M	G	C	F	L	46.349	2	Md 02-937 RR
K	E	J		I	D	H	M	G		F	L			
K	E	J	N	I	D	H	M	G		F	L	46.035	2	K01-2531
K	E	J	N	I		H	M	G		F	L			
K	E	J	N	I		H	M	G		F	L	45.821	2	K03-4683 RR
K	E	J	N	I		H	M	G		F	L			
K	E	J	N	I		H	M	G		F	L	45.540	2	Md 02-858 RR
K		J	N	I		H	M	G		F	L			
K		J	N	I		H	M	G		F	L	43.478	2	TN03-091RR
K		J	N	I		H	M	G			L			
K		J	N	I		H	M	G			L	41.531	2	G03-1668 RR
K		J	N	I		H	M				L			
K		J	N	I		H	M		O		L	40.524	2	S03-393RR
K		J	N	I			M		O		L			
K		J	N	I	P		M		O		L	39.237	2	N01-138
K		J	N		P		M		O		L			
K	Q	J	N		P		M		O		L	37.703	2	V01-3569
K	Q	J	N		P		M		O		L			
K	Q	J	N		P		M		O		L	37.505	2	G03-2366 RR
K	Q		N		P		M		O		L			
K	Q		N		P		M		O		L	36.812	2	V01-0582 RR
	Q		N		P		M		O		L			
	Q		N		P		M		O		L	36.102	2	TX 73461
	Q		N		P		M		O					
	Q		N		P		M		O			35.096	2	Md 00-6608
	Q		N		P		M		O					
	Q		N		P		M		O			34.766	2	R01-2245
	Q		N		P				O					
	Q		N		P				O			32.538	2	G03-1737 RR
	Q				P				O					
	Q				P				O			27.291	2	TX 72518
	Q				P									
	Q				P							26.384	2	G03-2282 RR
	Q				P									
	Q				P							26.276	2	G03-2305 RR
	Q													
	Q											25.361	2	TN03-052RR
							R					8.547	2	V01-3124

----- LOCATION=STUTTGART,AR TTYPE=PV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	56	5002T 5601T AG 5501RR Anand DB01-080 DB01-255 DB01-344 DB01-4249 DB01-5463 DS95-217-1-880 G03-1668 RR G03-1737 RR G03-2282 RR G03-2305 RR G03-2366 RR JTN-033 JTN-5203 K01-2531 K03-4683 RR K03-4684 RR K03-4685 RR K03-4689 RR LS02-4045 Md 00-6608 Md 02-337 RR Md 02-844 RR Md 02-858 RR Md 02-937 RR N01-138 NCC01-256-RR NCC01-285-RR NCC01-95 NCC02-20716 NCC02-23985-RR R01-2245 R01-2373 R01-379 R01-976 R99-2512 S02-2259 S03-380RR S03-382RR S03-383RR S03-393RR TN02-104RR TN03-011RR TN03-052RR TN03-091RR TN03-128RR TX 72518 TX 73461 V01-0582 RR V01-2122 V01-2245 V01-3124 V01-3569

REP 3 1 2 3

Number of Observations Read 168  
 Number of Observations Used 168

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	57	8162.37567	143.19957	4.39	<.0001
Error	110	3590.54827	32.64135		
Corrected Total	167	11752.92394			

R-Square 0.694497  
 Coeff Var 9.923239  
 Root MSE 5.713261  
 YIELD Mean 57.57455

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	85.956533	42.978267	1.32	0.2722
VARIETY	55	8076.419142	146.843984	4.50	<.0001



----- LOCATION=STUTTGART,AR TTYPE=PV -----

## 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	110
Error Mean Square	32.64135
Critical Value of t	1.98177
Least Significant Difference	9.2447

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	A	70.620	3	TN03-011RR
	A			
B	A	70.220	3	S03-383RR
B	A			
B	A	69.705	3	G03-2282 RR
B	A			
B	D	69.370	3	TN02-104RR
B	D			
E	B	68.470	3	G03-1668 RR
E	B			
E	B	68.265	3	NCC01-256-RR
E	B			
E	B	68.160	3	G03-2305 RR
E	B			
E	B	65.590	3	R01-379
E	B			
E	B	65.145	3	G03-2366 RR
E	B			
E	B	64.970	3	TN03-091RR
E	B			
E	J	64.330	3	NCC01-285-RR
E	J			
K	E	63.995	3	AG 5501RR
K	E			
K	E	63.810	3	V01-0582 RR
K	E			
K	E	63.425	3	Md 02-844 RR
K	E			
K	E	63.295	3	TN03-052RR
K	E			

----- LOCATION=STUTTGART,AR TTYPE=PV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping											Mean	N	VARIETY				
K	E	J	B	I	D	H	A	G	C	M	F	L					
K	E	J	B	I	D	H	A	G	N	C	M	F	L	61.625	3	TN03-128RR	
K	E	J	B	I	D	H		G	N	C	M	F	L				
K	E	J	B	I	D	H		G	N	C	M	F	L	61.335	3	V01-3569	
K	E	J		I	D	H		G	N	C	M	F	L				
K	E	J		I	D	H	O	G	N	C	M	F	L	60.895	3	NCC02-23985-RR	
K	E	J		I	D	H	O	G	N		M	F	L				
K	E	J	P	I	D	H	O	G	N		M	F	L	60.200	3	Md 02-937 RR	
K	E	J	P	I		H	O	G	N		M	F	L				
K	E	J	P	I		H	O	G	N	Q	M	F	L	59.710	3	S03-393RR	
K	E	J	P	I		H	O	G	N	Q	M	F	L				
K	E	J	P	I		H	O	G	N	Q	M	F	L	59.440	3	5002T	
K	E	J	P	I		H	O	G	N	Q	M	F	L				
K	E	J	P	I		H	O	G	N	Q	M	F	L	59.280	3	R01-2245	
K		J	P	I		H	O	G	N	Q	M	F	L				
K		J	P	I		H	O	G	N	Q	M		L	59.010	3	Md 02-337 RR	
K		J	P	I		H	O	G	N	Q	M		L				
K		J	P	I	R	H	O	G	N	Q	M		L	57.985	3	S03-382RR	
K		J	P	I	R	H	O	G	N	Q	M		L				
K	S	J	P	I	R	H	O	G	N	Q	M		L	57.885	3	R01-976	
K	S	J	P	I	R	H	O	G	N	Q	M		L				
K	S	J	P	I	R	H	O	G	N	Q	M		L	57.765	3	TX 73461	
K	S	J	P	I	R	H	O	G	N	Q	M		L				
K	S	J	P	I	R	H	O	G	N	Q	M	T	L	57.645	3	V01-2245	
K	S	J	P	I	R	H	O	G	N	Q	M	T	L				
K	S	J	P	I	R	H	O	G	N	Q	M	T	L	57.215	3	R99-2512	
K	S	J	P	I	R	H	O	G	N	Q	M	T	L				
K	S	J	P	I	R	H	O	U	G	N	Q	M	T	L	57.030	3	JTN-5203
K	S	J	P	I	R	H	O	U	G	N	Q	M	T	L			
K	S	J	P	I	R	H	O	U	G	N	Q	M	T	L	56.960	3	G03-1737 RR
K	S	J	P	I	R	H	O	U	G	N	Q	M	T	L			
K	S	J	P	I	R	H	O	U	V	N	Q	M	T	L	56.245	3	R01-2373
K	S	J	P	I	R	H	O	U	V	N	Q	M	T	L			
K	S	J	P	I	R	H	O	U	V	N	Q	M	T	L	56.040	3	DB01-5463
K	S	J	P	I	R		O	U	V	N	Q	M	T	L			
K	S	J	P	I	R		O	U	V	N	Q	M	T	L	55.795	3	TX 72518
K	S	J	P		R		O	U	V	N	Q	M	T	L			
K	S	J	P		R		O	U	V	N	Q	M	T	L	55.695	3	S03-380RR
K	S		P		R		O	U	V	N	Q	M	T	L			
K	S		P		R		O	U	V	N	Q	M	T	L	55.050	3	V01-2122

----- LOCATION=STUTTGART,AR TTYPE=PV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping										Mean	N	VARIETY	
S	P	R	O	U	V	N	Q	M	T	L			
S	P	R	O	U	V	N	Q	M	T	L	54.625	3	5601T
S	P	R	O	U	V	N	Q	M	T				
S	P	R	O	U	V	N	Q	M	T		54.395	3	V01-3124
S	P	R	O	U	V	N	Q		T				
S	P	R	O	U	V	N	Q		T		54.015	3	DB01-344
S	P	R	O	U	V	N	Q		T				
S	P	R	O	U	V	N	Q		T		53.880	3	NCC01-95
S	P	R	O	U	V	N	Q		T				
S	P	R	O	U	V	N	Q		T		53.875	3	S02-2259
S	P	R	O	U	V	N	Q		T				
S	P	R	O	U	V	N	Q		T		53.665	3	DS95-217-1-880
S	P	R	O	U	V	N	Q		T				
S	P	R	O	U	V	N	Q		T		53.355	3	DB01-080
S	P	R	O	U	V	N	Q		T				
S	P	R	O	U	V	N	Q		T		53.275	3	K03-4685 RR
S	P	R	O	U	V	N	Q		T				
S	P	R	O	U	V	N	Q		T		52.400	3	Anand
S	P	R	O	U	V		Q		T				
S	P	R	W	O	U	V	Q		T		52.065	3	N01-138
S	P	R	W		U	V	Q		T				
S	P	R	W	X	U	V	Q		T		51.110	3	JTN-033
S		R	W	X	U	V	Q		T				
S		R	W	X	U	V	Q		T		50.625	3	Md 02-858 RR
S		R	W	X	U	V			T				
S		R	W	X	U	V			T		49.510	3	DB01-255
S			W	X	U	V			T				
S			W	X	U	V			T		48.710	3	K03-4684 RR
S			W	X	U	V			T				
S			W	X	U	V			T		48.710	3	K03-4683 RR
			W	X	U	V			T				
			W	X	U	V			T		48.415	3	LS02-4045
			W	X	U	V			T				
			W	X	U	V			T		48.405	3	K03-4689 RR
			W	X	U	V							
			W	X	U	V					47.905	3	K01-2531
			W	X		V							
			W	X		V					47.625	3	DB01-4249
			W	X									
			W	X							43.075	3	Md 00-6608
			X										
			X								42.360	3	NCC02-20716

----- LOCATION=ULLIN,IL TTYPE=PV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	56	5002T 5601T AG 5501RR Anand DB01-080 DB01-255 DB01-344 DB01-4249 DB01-5463 DS95-217-1-880 G03-1668 RR G03-1737 RR G03-2282 RR G03-2305 RR G03-2366 RR JTN-033 JTN-5203 K01-2531 K03-4683 RR K03-4684 RR K03-4685 RR K03-4689 RR LS02-4045 Md 00-6608 Md 02-337 RR Md 02-844 RR Md 02-858 RR Md 02-937 RR N01-138 NCC01-256-RR NCC01-285-RR NCC01-95 NCC02-20716 NCC02-23985-RR R01-2245 R01-2373 R01-379 R01-976 R99-2512 S02-2259 S03-380RR S03-382RR S03-383RR S03-393RR TN02-104RR TN03-011RR TN03-052RR TN03-091RR TN03-128RR TX 72518 TX 73461 V01-0582 RR V01-2122 V01-2245 V01-3124 V01-3569

REP 2 1 2

Number of Observations Read 112  
Number of Observations Used 112

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	56	5853.916837	104.534229	2.82	<.0001
Error	55	2037.799111	37.050893		
Corrected Total	111	7891.715947			

R-Square Coeff Var Root MSE YIELD Mean  
0.741780 11.16411 6.086944 54.52243

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	543.700409	543.700409	14.67	0.0003
VARIETY	55	5310.216427	96.549390	2.61	0.0003

----- LOCATION=ULLIN,IL TTYPE=PV -----

## 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	55
Error Mean Square	37.05089
Critical Value of t	2.00404
Least Significant Difference	12.199

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	A	69.408	2	Anand
	A			
B	A	68.384	2	S02-2259
B	A			
B	A	65.160	2	TX 73461
B	A			
B	A	63.376	2	JTN-5203
B	D			
B	A	62.840	2	TN02-104RR
E	B			
E	B	62.616	2	S03-383RR
E	B			
E	B	62.360	2	G03-2282 RR
E	B			
E	B	61.712	2	5601T
E	B			
E	B	61.384	2	R01-976
E	B			
E	B	61.376	2	R01-2373
E	B			
E	B	60.512	2	AG 5501RR
E	B			
E	B	60.472	2	JTN-033
E	B			
E	B	60.184	2	DS95-217-1-880
E	B			
E	B	59.848	2	TN03-091RR
E	B			
E	B	59.672	2	LS02-4045

----- LOCATION=ULLIN,IL TTYPE=PV -----

## The ANOVA Procedure

## t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping										Mean	N	VARIETY	
E		B	I	D	H	A	G	C	F				
E	J	B	I	D	H	A	G	C	F	59.088	2	K01-2531	
E	J	B	I	D	H	A	G	C	F				
E	J	B	I	D	H	A	G	C	F	59.024	2	S03-380RR	
E	J	B	I	D	H	A	G	C	F				
K	E	J	B	I	D	H	A	G	C	F	57.712	2	V01-3569
K	E	J	B	I	D	H	A	G	C	F			
K	E	J	B	I	D	H	A	G	C	F	57.424	2	S03-393RR
K	E	J	B	I	D	H	A	G	C	F			
K	E	J	B	I	D	H	A	G	C	F	57.344	2	V01-2122
K	E	J	B	I	D	H		G	C	F			
K	E	J	B	I	D	H	L	G	C	F	57.128	2	G03-1668 RR
K	E	J		I	D	H	L	G	C	F			
K	E	J		I	D	H	L	G	C	F	56.008	2	DB01-255
K	E	J		I	D	H	L	G	C	F			
K	E	J		I	D	H	L	G	C	F	55.968	2	R01-2245
K	E	J		I	D	H	L	G	C	F			
K	E	J		I	D	H	L	G	C	F	55.680	2	N01-138
K	E	J		I	D	H	L	G	C	F			
K	E	J		I	D	H	L	G	C	F	55.352	2	TN03-128RR
K	E	J		I	D	H	L	G	C	F			
K	E	J		I	D	H	L	G	C	F	55.320	2	NCC02-20716
K	E	J		I	D	H	L	G	C	F			
K	E	J		I	D	H	L	G	C	F	55.096	2	DB01-5463
K	E	J		I	D	H	L	G	C	F			
K	E	J		I	D	H	L	G	C	F	54.984	2	G03-2366 RR
K	E	J		I	D	H	L	G	C	F			
K	E	J		I	D	H	L	G	C	F	54.912	2	NCC01-285-RR
K	E	J		I	D	H	L	G	C	F			
K	E	J		I	D	H	L	G	C	F	54.840	2	V01-0582 RR
K	E	J		I	D	H	L	G	C	F			
K	E	J		I	D	H	L	G	C	F	54.736	2	NCC02-23985-RR
K	E	J		I	D	H	L	G	C	F			
K	E	J		I	D	H	L	G	C	F	54.368	2	R01-379
K	E	J		I	D	H	L	G	C	F			
K	E	J		I	D	H	L	G	C	F	54.184	2	NCC01-256-RR
K	E	J		I	D	H	L	G	C	F			
K	E	J		I	D	H	L	G	C	F	54.008	2	V01-2245
K	E	J		I	D	H	L	G	C	F			
K	E	J		I	D	H	L	G	C	F	53.896	2	5002T

----- LOCATION=ULLIN,IL TTYPE=PV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping										Mean	N	VARIETY	
K	E	J		I	D	H	L	G	C	F			
K	E	J		I	D	H	L	G	C	F	53.824	2	S03-382RR
K	E	J		I	D	H	L	G		F			
K	E	J		I	D	H	L	G		F	52.848	2	R99-2512
K	E	J		I	D	H	L	G		F			
K	E	J	M	I	D	H	L	G		F	52.408	2	Md 02-844 RR
K	E	J	M	I	D	H	L	G		F			
K	E	J	M	I	D	H	L	G		F	51.792	2	NCC01-95
K	E	J	M	I		H	L	G		F			
K	E	J	M	I		H	L	G		F	50.808	2	K03-4685 RR
K		J	M	I		H	L	G		F			
K		J	M	I		H	L	G	N	F	50.160	2	G03-2305 RR
K		J	M	I		H	L	G	N	F			
K		J	M	I		H	L	G	N	F	49.904	2	V01-3124
K		J	M	I		H	L	G	N	F			
K		J	M	I		H	L	G	N	F	49.864	2	TX 72518
K		J	M	I		H	L	G	N				
K		J	M	I		H	L	G	N		49.392	2	DB01-344
K		J	M	I		H	L		N				
K		J	M	I	O	H	L		N		48.336	2	TN03-052RR
K		J	M	I	O		L		N				
K		J	M	I	O		L		N		47.760	2	Md 02-337 RR
K		J	M		O		L		N				
K		J	M		O		L		N		47.256	2	K03-4689 RR
K		J	M		O		L		N				
K		J	M		O		L		N		46.992	2	K03-4683 RR
K		J	M		O		L		N				
K		J	M		O		L		N		46.928	2	DB01-4249
K			M		O		L		N				
K			M		O		L		N		46.376	2	G03-1737 RR
K			M		O		L		N				
K			M		O		L		N		46.304	2	Md 02-937 RR
K			M		O		L		N				
K			M		O		L		N		46.272	2	Md 02-858 RR
			M		O		L		N				
			M		O		L		N		44.960	2	DB01-080
			M		O				N				
					O				N		40.384	2	K03-4684 RR
					O				N				
					O				N		38.064	2	Md 00-6608
					O				N				
					O				N		36.248	2	TN03-011RR

----- LOCATION=WARSAW,VA TTYPE=PV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	56	5002T 5601T AG 5501RR Anand DB01-080 DB01-255 DB01-344 DB01-4249 DB01-5463 DS95-217-1-880 G03-1668 RR G03-1737 RR G03-2282 RR G03-2305 RR G03-2366 RR JTN-033 JTN-5203 K01-2531 K03-4683 RR K03-4684 RR K03-4685 RR K03-4689 RR LS02-4045 Md 00-6608 Md 02-337 RR Md 02-844 RR Md 02-858 RR Md 02-937 RR N01-138 NCC01-256-RR NCC01-285-RR NCC01-95 NCC02-20716 NCC02-23985-RR R01-2245 R01-2373 R01-379 R01-976 R99-2512 S02-2259 S03-380RR S03-382RR S03-383RR S03-393RR TN02-104RR TN03-011RR TN03-052RR TN03-091RR TN03-128RR TX 72518 TX 73461 V01-0582 RR V01-2122 V01-2245 V01-3124 V01-3569

REP 2 1 2

Number of Observations Read 112  
 Number of Observations Used 112

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	56	5193.718722	92.744977	2.15	0.0025
Error	55	2369.168520	43.075791		
Corrected Total	111	7562.887242			

R-Square 0.686738  
 Coeff Var 18.49884  
 Root MSE 6.563215  
 YIELD Mean 35.47906

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	500.108222	500.108222	11.61	0.0012
VARIETY	55	4693.610500	85.338373	1.98	0.0062



----- LOCATION=WARSAW,VA TTYPE=PV -----

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 55  
 Error Mean Square 43.07579  
 Critical Value of t 2.00404  
 Least Significant Difference 13.153

Means with the same letter are not significantly different.

t Grouping										Mean	N	VARIETY
									A	48.888	2	JTN-5203
									A			
		B							A	47.312	2	K03-4683 RR
		B							A			
		B							A	47.126	2	K01-2531
		B							A			
		B							A	46.885	2	K03-4685 RR
		B							A			
		B							A	46.885	2	Md 02-337 RR
		B							A			
		B							A	45.871	2	Md 02-937 RR
		B							A			
		B	D						A	45.363	2	K03-4689 RR
		B	D						A			
E		B	D						A	44.389	2	JTN-033
E		B	D						A			
E		B	D						A	43.721	2	DB01-344
E		B	D						A			
E		B	D						A	42.827	2	Md 02-858 RR
E		B	D						A			
E		B	D	H					A	42.587	2	V01-3569
E		B	D	H					A			
E		B	I	D	H				A	42.093	2	K03-4684 RR
E		B	I	D	H				A			
E	J	B	I	D	H				A	40.798	2	V01-2245
E	J	B	I	D	H				A			
E	J	B	I	D	H				A	40.531	2	R01-2373
E	J	B	I	D	H				A			
E	J	B	I	D	H				A	40.464	2	R01-379

----- LOCATION=WARSAW,VA TTYPE=PV -----

## The ANOVA Procedure

## t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

	t Grouping										Mean	N	VARIETY		
	E	J	B	I	D	H	A	G	C	F					
	E	J	B	I	D	H	A	G	C	F	40.290	2	N01-138		
	E	J	B	I	D	H	A	G	C	F					
K	E	J	B	I	D	H	A	G	C	F	38.982	2	R99-2512		
K	E	J	B	I	D	H	A	G	C	F					
K	E	J	B	I	D	H	A	G	C	F	L	37.874	2	Md 02-844 RR	
K	E	J	B	I	D	H	A	G	C	F	L				
K	E	J	B	I	D	H	A	G	C	F	L	37.714	2	R01-2245	
K	E	J	B	I	D	H	A	G	C	F	L				
K	E	J	B	I	D	H	A	G	C	F	L	37.367	2	V01-2122	
K	E	J	B	I	D	H	A	G	C	F	L				
K	E	J	B	I	D	H	A	G	C	F	L	37.220	2	NCC02-23985-RR	
K	E	J	B	I	D	H	A	G	C	F	L				
K	E	J	B	I	D	H	A	G	C	F	L	37.126	2	TN03-011RR	
K	E	J	B	I	D	H	A	G	C	F	L				
K	E	J	B	I	D	H	A	G	C	M	F	L	36.499	2	NCC01-95
K	E	J	B	I	D	H	A	G	C	M	F	L			
K	E	J	B	I	D	H	A	G	C	M	F	L	35.818	2	NCC02-20716
K	E	J	B	I	D	H		G	C	M	F	L			
K	E	J	B	I	D	H		G	C	M	F	L	34.990	2	S03-383RR
K	E	J	B	I	D	H		G	C	M	F	L			
K	E	J	B	I	D	H		G	C	M	F	L	34.950	2	LS02-4045
K	E	J	B	I	D	H		G	C	M	F	L			
K	E	J	B	I	D	H		G	C	M	F	L	34.884	2	S03-380RR
K	E	J	B	I	D	H		G	C	M	F	L			
K	E	J	B	I	D	H		G	C	M	F	L	34.683	2	AG 5501RR
K	E	J	B	I	D	H		G	C	M	F	L			
K	E	J	B	I	D	H		G	C	M	F	L	34.603	2	TX 72518
K	E	J	B	I	D	H		G	C	M	F	L			
K	E	J	B	I	D	H		G	C	M	F	L	34.176	2	V01-0582 RR
K	E	J		I	D	H		G	C	M	F	L			
K	E	J		I	D	H		G	C	M	F	L	33.509	2	G03-2305 RR
K	E	J		I	D	H		G	C	M	F	L			
K	E	J		I	D	H		G	C	M	F	L	33.468	2	DB01-255
K	E	J		I	D	H		G		M	F	L			
K	E	J		I	D	H		G		M	F	L	32.214	2	Md 00-6608
K	E	J		I		H		G		M	F	L			
K	E	J		I		H		G		M	F	L	32.174	2	DB01-5463
K	E	J		I		H		G		M	F	L			
K	E	J		I		H		G		M	F	L	31.907	2	NCC01-285-RR

----- LOCATION=WARSAW,VA TTYPE=PV -----

## The ANOVA Procedure

## t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping									Mean	N	VARIETY
K	E	J	I	H	G	M	F	L			
K	E	J	I	H	G	M	F	L	31.720	2	R01-976
K		J	I	H	G	M	F	L			
K		J	I	H	G	M	F	L	31.039	2	DS95-217-1-880
K		J	I	H	G	M	F	L			
K		J	I	H	G	M	F	L	31.012	2	G03-1668 RR
K		J	I	H	G	M	F	L			
K		J	I	H	G	M	F	L	30.932	2	S03-382RR
K		J	I	H	G	M	F	L			
K		J	I	H	G	M	F	L	30.692	2	5601T
K		J	I	H	G	M		L			
K		J	I	H	G	M		L	30.505	2	DB01-080
K		J	I	H	G	M		L			
K		J	I	H	G	M		L	30.491	2	TX 73461
K		J	I	H	G	M		L			
K		J	I	H	G	M		L	30.118	2	S02-2259
K		J	I	H	G	M		L			
K		J	I	H	G	M		L	29.997	2	G03-2282 RR
K		J	I	H	G	M		L			
K		J	I	H	G	M		L	29.864	2	NCC01-256-RR
K		J	I	H		M		L			
K		J	I	H		M		L	29.650	2	V01-3124
K		J	I	H		M		L			
K		J	I	H		M		L	29.637	2	TN03-128RR
K		J	I			M		L			
K		J	I			M		L	29.170	2	TN02-104RR
K		J	I			M		L			
K		J	I			M		L	29.063	2	5002T
K		J	I			M		L			
K		J	I			M		L	29.010	2	G03-2366 RR
K		J				M		L			
K		J				M		L	28.596	2	DB01-4249
K						M		L			
K						M		L	26.980	2	TN03-091RR
K						M		L			
K						M		L	26.740	2	G03-1737 RR
K						M		L			
K						M		L	26.139	2	Anand
K						M		L			
K						M		L	25.672	2	TN03-052RR
K						M		L			
K						M		L	23.616	2	S03-393RR