

2006 REGIONAL SOYBEAN TEST - Local Anova
 LIST OF CHECK MATURITY DATES FOR EACH TEST

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09:42 Friday, February 16, 2007

LOCATION	TTYPE	VARIETY	REP	CKDATE
ALEXANDRIA, LA	UV	5601T	.	09/27
		5601T	1	09/27
BELLE MINA, AL	UV	5601T	.	09/25
		5601T	1	09/25
		5601T	2	09/25
		5601T	3	09/25
BIXBY, OK	UV	5601T	.	.
		5601T	1	.
		5601T	2	.
		5601T	3	.
BOSSIER CITY, LA	UV	5601T	.	.
		5601T	1	.
		5601T	2	.
		5601T	3	.
GEORGETOWN, DE	UV	5601T	.	10/17
		5601T	1	10/18
		5601T	2	10/17
KNOXVILLE, TN	UV	5601T	.	09/29
		5601T	1	09/30
		5601T	2	09/28
		5601T	3	09/29
MCCUNE, KS	UV	5601T	.	.
		5601T	1	.
		5601T	2	.
		5601T	3	.
MILAN, TN	UV	5601T	.	.
		5601T	1	.
		5601T	2	.
		5601T	3	.
ORANGE, VA	UV	5601T	.	.
		5601T	1	.
		5601T	2	.
		5601T	3	.
PINE TREE, AR	UV	5601T	.	10/01
		5601T	1	10/02
		5601T	2	10/02

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LOCATION	TTYPE	VARIETY	REP	CKDATE
PINE TREE,AR	UV	5601T	3	09/30
PITTSBURG,KS	UV	5601T	.	.
		5601T	1	.
		5601T	2	.
		5601T	3	.
PLYMOUTH,NC(A)	UV	5601T	.	10/07
		5601T	1	10/10
		5601T	2	10/07
		5601T	3	10/05
PORTAGEVILLE,MO(A)	UV	5601T	.	09/26
		5601T	1	09/26
		5601T	2	.
		5601T	3	.
PORTAGEVILLE,MO(B)	UV	5601T	.	.
		5601T	1	.
		5601T	2	.
		5601T	3	.
PRINCETON,KY	UV	5601T	.	.
		5601T	1	.
		5601T	2	.
		5601T	3	.
QUEENSTOWN,MD	UV	5601T	.	.
		5601T	1	.
		5601T	2	.
		5601T	3	.
ROHWER,AR	UV	5601T	.	10/02
		5601T	1	10/01
		5601T	2	10/05
		5601T	3	10/02
STONEVILLE,MS	UV	5601T	.	10/06
		5601T	1	10/06
		5601T	2	.
		5601T	3	.
SUFFOLK,VA	UV	5601T	.	10/29
		5601T	1	10/23
		5601T	2	11/01

2006 REGIONAL SOYBEAN TEST - Local Anova
LIST OF CHECK MATURITY DATES FOR EACH TEST

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LOCATION	TTYPE	VARIETY	REP	CKDATE
SUFFOLK,VA	UV	5601T	3	11/01
ULLIN,IL	UV	5601T	.	10/13

5601T	1	10/14
5601T	2	10/13
5601T	3	10/14

WARSAW, VA	UV	5601T	.	10/23
		5601T	1	10/23
		5601T	2	10/24
		5601T	3	10/24

2006 REGIONAL SOYBEAN TEST - Local Anova 4
 LIST OF VARIETY MEANS 09:42 Friday, February 16, 2007

----- LOCATION=ALEXANDRIA,LA TTYPE=UV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	1	28.6	0	1	23	.	.	.	.
2	5002T	1	24.9	-2	1	31	.	.	.	.
3	AG 5501RR	1	23.7	-7	1	30	.	.	.	.
4	ALLEN	1	25.2	-7	1	22	.	.	.	.
5	DS-95-217-1-88	1	27.4	-4	1	33	.	.	.	.
6	G03-1668 RR	1	32.8	-11	1	21	.	.	.	.
7	G03-2282 RR	1	27.6	2	1	26	.	.	.	.
8	JTN-033	1	25.6	-4	1	18	.	.	.	.
9	JTN-5203	1	34.7	-11	1	29	.	.	.	.
10	MD 01-206 RR	1	29.0	0	1	26	.	.	.	.
11	NCC01-256RR	1	25.8	-2	1	27	.	.	.	.
12	R00-1940	1	25.6	0	1	25	.	.	.	.
13	R01-379	1	30.8	2	1	34	.	.	.	.
14	R01-4752RR	1	30.8	-7	1	30	.	.	.	.
15	R01-4804RR	1	27.2	-2	1	21	.	.	.	.
16	R01-976	1	30.1	0	1	32	.	.	.	.
17	S03-328RR	1	27.7	-8	1	23	.	.	.	.
18	S03-383RR	1	29.3	-7	1	22	.	.	.	.
19	TN02-104RR	1	22.3	0	1	31	.	.	.	.
20	TN02-205	1	24.4	0	1	36	.	.	.	.
21	TN02-283	1	28.5	2	1	23	.	.	.	.
22	V01-2245	1	31.5	-5	1	23	.	.	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 5
 LIST OF VARIETY MEANS 09:42 Friday, February 16, 2007

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	3	22.1000	0.0000	1	25.0000	1.0	2.14	.	.
2	5002T	3	18.7600	-6.3333	1	22.6667	1.0	2.20	.	.
3	AG 5501RR	3	18.1600	4.0000	1	26.0000	1.0	2.25	.	.
4	ALLEN	3	19.3733	14.0000	1	26.6667	1.0	2.51	.	.
5	DS-95-217-1-880	3	16.3467	-4.3333	1	20.6667	1.0	2.11	.	.
6	G03-1668 RR	3	16.9533	9.3333	1	26.3333	1.0	2.40	.	.
7	G03-2282 RR	3	14.2267	14.0000	1	24.6667	1.0	2.41	.	.
8	JTN-033	3	18.4667	-4.3333	1	20.0000	1.0	1.97	.	.
9	JTN-5203	3	15.7400	-5.0000	1	22.0000	1.0	2.05	.	.
10	MD 01-206 RR	3	19.0667	-1.0000	1	22.3333	1.0	1.97	.	.
11	NCC01-256RR	3	14.2200	7.3333	1	24.0000	1.0	2.14	.	.

12	R00-1940	3	17.2533	-4.3333	1	22.0000	1.0	2.02	.	.
13	R01-379	3	22.7000	5.0000	1	23.3333	1.0	2.48	.	.
14	R01-4752RR	3	15.4333	-5.0000	1	21.3333	1.0	2.17	.	.
15	R01-4804RR	3	18.1600	-2.0000	1	23.3333	2.0	2.27	.	.
16	R01-976	3	19.6733	5.0000	1	23.0000	2.0	2.46	.	.
17	S03-328RR	3	16.3400	-5.0000	1	28.0000	2.0	2.39	.	.
18	S03-383RR	3	16.9467	3.3333	1	29.3333	2.0	2.42	.	.
19	TN02-104RR	3	17.2533	10.0000	1	24.3333	1.0	2.12	.	.
20	TN02-205	3	15.7400	-5.6667	1	19.3333	1.0	2.12	.	.
21	TN02-283	3	16.6400	2.0000	1	22.6667	1.5	2.22	.	.
22	V01-2245	3	16.0400	1.0000	1	23.0000	1.0	2.07	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 6
LIST OF VARIETY MEANS 09:42 Friday, February 16, 2007

----- LOCATION=BIXBY,OK TTYPE=UV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	3	32.4480	.	.	22	.	16.4	42.5	17.3
2	5002T	3	30.4320	.	.	19	.	16.8	40.9	17.8
3	AG 5501RR	3	24.6080	.	.	20	.	17.2	41.8	18.3
4	ALLEN	3	35.2320	.	.	23	.	17.5	41.3	17.6
5	DS-95-217-1-880	3	26.4213	.	.	16	.	17.1	40.5	20.2
6	G03-1668 RR	3	25.3333	.	.	20	.	16.8	40.3	18.5
7	G03-2282 RR	3	31.4027	.	.	19	.	15.4	42.6	17.3
8	JTN-033	3	26.8480	.	.	17	.	15.2	42.3	19.6
9	JTN-5203	3	23.9467	.	.	19	.	17.2	43.2	17.8
10	MD 01-206 RR	3	24.4267	.	.	17	.	15.8	41.2	18.2
11	NCC01-256RR	3	22.6027	.	.	16	.	15.7	40.9	18.6
12	R00-1940	3	26.1973	.	.	16	.	19.4	41.5	17.2
13	R01-379	3	30.5173	.	.	18	.	19.4	41.6	16.5
14	R01-4752RR	3	22.9760	.	.	15	.	17.9	41.3	17.6
15	R01-4804RR	3	23.2000	.	.	19	.	18.5	41.4	18.4
16	R01-976	3	33.5787	.	.	19	.	18.7	41.8	18.2
17	S03-328RR	3	29.6640	.	.	25	.	19.5	41.9	19.5
18	S03-383RR	3	30.6027	.	.	25	.	19.0	41.3	18.4
19	TN02-104RR	3	27.0080	.	.	20	.	15.5	40.8	18.7
20	TN02-205	3	24.8747	.	.	19	.	15.5	42.2	17.3
21	TN02-283	3	25.8240	.	.	19	.	17.0	39.8	19.1
22	V01-2245	3	29.5893	.	.	18	.	15.8	39.2	20.5

2006 REGIONAL SOYBEAN TEST - Local Anova 7
LIST OF VARIETY MEANS 09:42 Friday, February 16, 2007

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	3	27.240	.	1.00000	28.3333	2.66667	13.7000	.	.
2	5002T	3	16.164	.	1.00000	22.6667	2.83333	13.5000	.	.
3	AG 5501RR	3	16.708	.	1.00000	26.3333	2.50000	13.9333	.	.
4	ALLEN	3	27.060	.	1.00000	27.3333	2.16667	13.9333	.	.
5	DS-95-217-1-880	3	20.884	.	1.00000	19.3333	2.66667	13.9667	.	.
6	G03-1668 RR	3	27.056	.	1.00000	28.6667	2.16667	12.2667	.	.
7	G03-2282 RR	3	28.056	.	1.00000	25.5000	2.50000	14.2500	.	.
8	JTN-033	3	14.708	.	1.00000	18.0000	2.33333	12.1000	.	.

9	JTN-5203	3	9.988	.	1.00000	21.0000	2.66667	14.4000	.	.
10	MD 01-206 RR	3	29.420	.	1.00000	22.3333	2.33333	11.1667	.	.
11	NCC01-256RR	3	19.612	.	1.00000	24.3333	2.16667	11.8000	.	.
12	R00-1940	3	15.252	.	1.00000	22.0000	2.50000	12.4000	.	.
13	R01-379	3	26.332	.	1.00000	23.6667	2.16667	14.7000	.	.
14	R01-4752RR	3	10.716	.	1.33333	18.3333	2.83333	12.5333	.	.
15	R01-4804RR	3	29.964	.	1.00000	21.3333	3.16667	14.7333	.	.
16	R01-976	3	28.872	.	1.00000	23.3333	2.16667	14.6333	.	.
17	S03-328RR	3	13.440	.	1.33333	38.0000	2.33333	12.2333	.	.
18	S03-383RR	3	18.160	.	1.33333	35.6667	2.66667	14.9333	.	.
19	TN02-104RR	3	19.248	.	1.00000	22.0000	2.16667	12.5333	.	.
20	TN02-205	3	16.344	.	1.00000	19.0000	2.50000	12.1667	.	.
21	TN02-283	3	16.340	.	1.33333	19.3333	2.66667	14.0333	.	.
22	V01-2245	3	23.428	.	1.00000	21.3333	2.33333	12.4333	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 8
LIST OF VARIETY MEANS 09:42 Friday, February 16, 2007

----- LOCATION=GEORGETOWN,DE TTYPE=UV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	2	50.8050	0.0	.	27.0	.	.	.	.
2	5002T	2	32.3925	-9.5	.	22.0	.	.	.	.
3	AG 5501RR	2	44.2125	-1.5	.	22.0	.	.	.	.
4	ALLEN	2	54.9600	-6.5	.	27.0	.	.	.	.
5	DS-95-217-1-880	2	49.1550	1.5	.	26.0	.	.	.	.
6	G03-1668 RR	2	46.7700	3.5	.	25.0	.	.	.	.
7	G03-2282 RR	2	44.8425	5.5	.	23.5	.	.	.	.
8	JTN-033	2	38.4600	-4.0	.	25.0	.	.	.	.
9	JTN-5203	2	57.2700	-5.5	.	24.5	.	.	.	.
10	MD 01-206 RR	2	33.5700	-5.0	.	22.5	.	.	.	.
11	NCC01-256RR	2	34.1325	0.5	.	20.0	.	.	.	.
12	R00-1940	2	32.0775	-1.0	.	18.5	.	.	.	.
13	R01-379	2	40.9725	1.0	.	22.0	.	.	.	.
14	R01-4752RR	2	26.3850	-2.5	.	23.0	.	.	.	.
15	R01-4804RR	2	40.9350	-0.5	.	21.5	.	.	.	.
16	R01-976	2	46.7100	5.5	.	23.0	.	.	.	.
17	S03-328RR	2	47.5050	-5.0	.	26.5	.	.	.	.
18	S03-383RR	2	38.2650	2.5	.	23.0	.	.	.	.
19	TN02-104RR	2	59.5275	-0.5	.	25.5	.	.	.	.
20	TN02-205	2	31.0575	-7.5	.	19.5	.	.	.	.
21	TN02-283	2	45.5700	1.5	.	19.0	.	.	.	.
22	V01-2245	2	32.7825	-1.0	.	23.0	.	.	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 9
LIST OF VARIETY MEANS 09:42 Friday, February 16, 2007

----- LOCATION=KNOXVILLE,TN TTYPE=UV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	3	38.7733	0.0000	2.66667	32.3333	2	15.2	42.3	20.9
2	5002T	3	33.6400	-4.3333	1.83333	23.3333	2	15.9	40.1	22.6
3	AG 5501RR	3	42.2467	5.3333	2.16667	26.6667	2	16.0	41.3	20.5
4	ALLEN	3	41.1667	11.3333	2.66667	28.3333	2	16.4	40.9	20.3
5	DS-95-217-1-880	3	32.3500	8.0000	1.00000	23.6667	2	16.2	41.3	21.0

6	G03-1668 RR	3	42.4400	6.3333	3.33333	26.0000	2	15.0	40.5	21.6
7	G03-2282 RR	3	35.5267	9.3333	2.16667	25.6667	1	12.4	41.3	20.4
8	JTN-033	3	34.8400	3.0000	2.16667	25.0000	2	13.1	42.6	20.8
9	JTN-5203	3	34.2733	-2.6667	1.50000	24.0000	2	13.1	39.7	21.8
10	MD 01-206 RR	3	30.4467	0.6667	2.00000	23.0000	2	13.2	39.8	21.6
11	NCC01-256RR	3	33.4533	4.6667	2.33333	24.0000	2	13.9	40.4	19.7
12	R00-1940	3	37.1333	-3.6667	2.00000	23.3333	2	14.0	40.4	22.7
13	R01-379	3	40.0267	8.0000	2.33333	23.3333	2	17.4	40.9	20.0
14	R01-4752RR	3	26.8933	-3.0000	1.83333	19.0000	2	13.2	38.4	22.4
15	R01-4804RR	3	32.4000	-1.0000	2.00000	24.6667	3	14.3	39.2	23.2
16	R01-976	3	39.9000	10.6667	1.83333	26.6667	2	18.2	41.3	20.5
17	S03-328RR	3	25.4333	-4.0000	2.00000	30.3333	3	15.5	42.9	21.9
18	S03-383RR	3	28.6200	4.3333	2.33333	29.0000	5	15.8	43.7	21.0
19	TN02-104RR	3	34.5000	4.3333	1.83333	24.3333	2	14.5	42.3	19.5
20	TN02-205	3	27.4933	-4.3333	1.33333	22.6667	2	11.8	41.7	20.0
21	TN02-283	3	23.1000	0.6667	1.66667	20.0000	3	14.7	40.4	21.1
22	V01-2245	3	33.9267	5.6667	2.16667	23.6667	2	13.0	38.6	22.2

2006 REGIONAL SOYBEAN TEST - Local Anova 10
LIST OF VARIETY MEANS 09:42 Friday, February 16, 2007

----- LOCATION=MCCUNE,KS TTYPE=UV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	3	22.4667	.	1	24.0000	.	.	.	.
2	5002T	3	23.3333	.	1	25.0000	.	.	.	.
3	AG 5501RR	3	18.3000	.	1	28.0000	.	.	.	.
4	ALLEN	3	20.2333	.	1	25.0000	.	.	.	.
5	DS-95-217-1-880	3	17.5000	.	1	17.6667	.	.	.	.
6	G03-1668 RR	3	17.9333	.	1	22.0000	.	.	.	.
7	G03-2282 RR	3	18.3333	.	1	23.6667	.	.	.	.
8	JTN-033	3	20.7000	.	1	22.0000	.	.	.	.
9	JTN-5203	3	16.6000	.	1	21.0000	.	.	.	.
10	MD 01-206 RR	3	19.8333	.	1	23.6667	.	.	.	.
11	NCC01-256RR	3	18.4667	.	1	22.0000	.	.	.	.
12	R00-1940	3	18.4667	.	1	23.3333	.	.	.	.
13	R01-379	3	18.3667	.	1	25.6667	.	.	.	.
14	R01-4752RR	3	20.1000	.	1	20.3333	.	.	.	.
15	R01-4804RR	3	21.6000	.	1	24.3333	.	.	.	.
16	R01-976	3	23.4667	.	1	26.0000	.	.	.	.
17	S03-328RR	3	16.3000	.	1	26.0000	.	.	.	.
18	S03-383RR	3	20.8667	.	1	27.3333	.	.	.	.
19	TN02-104RR	3	22.6000	.	1	27.0000	.	.	.	.
20	TN02-205	3	19.4000	.	1	21.3333	.	.	.	.
21	TN02-283	3	20.4333	.	1	22.0000	.	.	.	.
22	V01-2245	3	21.0667	.	1	23.0000	.	.	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 11
LIST OF VARIETY MEANS 09:42 Friday, February 16, 2007

----- LOCATION=MILAN,TN TTYPE=UV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	3	80.6800	.	2.00000	.	.	.	.	.
2	5002T	3	77.2533	.	2.00000	.	.	.	.	.

3	AG 5501RR	3	79.4933	.	2.00000	.	.	.	.	.
4	ALLEN	3	85.7467	.	2.00000	.	.	.	.	.
5	DS-95-217-1-880	3	80.3200	.	1.00000	.	.	.	.	.
6	G03-1668 RR	3	79.3600	.	2.00000	.	.	.	.	.
7	G03-2282 RR	3	70.0333	.	2.66667	.	.	.	.	.
8	JTN-033	3	76.9933	.	2.33333	.	.	.	.	.
9	JTN-5203	3	77.0933	.	2.00000	.	.	.	.	.
10	MD 01-206 RR	3	83.1933	.	1.00000	.	.	.	.	.
11	NCC01-256RR	3	80.4400	.	2.00000	.	.	.	.	.
12	R00-1940	3	74.8600	.	3.33333	.	.	.	.	.
13	R01-379	3	79.0933	.	2.33333	.	.	.	.	.
14	R01-4752RR	3	70.8000	.	2.33333	.	.	.	.	.
15	R01-4804RR	3	76.5200	.	2.33333	.	.	.	.	.
16	R01-976	3	83.0667	.	2.00000	.	.	.	.	.
17	S03-328RR	3	77.5133	.	1.00000	.	.	.	.	.
18	S03-383RR	3	82.4800	.	2.33333	.	.	.	.	.
19	TN02-104RR	3	81.0467	.	1.33333	.	.	.	.	.
20	TN02-205	3	78.5000	.	1.00000	.	.	.	.	.
21	TN02-283	3	72.0267	.	2.00000	.	.	.	.	.
22	V01-2245	3	76.6467	.	2.00000	.	.	.	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 12
LIST OF VARIETY MEANS 09:42 Friday, February 16, 2007

----- LOCATION=ORANGE,VA TTYPE=UV -----

		M									
E	V			A	L		Q		P		
N	A			T	O	H	U		R		
T	R	F	Y	U	D	E	A		O		
R	I	R	I	R	G	I	L	S	T		
Y	E	E	E	I	I	G	I	I	E	O	
N	T	Q	L	T	N	H	T	Z	I	I	
O	Y		D	Y	G	T	Y	E	N	L	
1	5601T	3	49.1416	.	2.33333	35.0000	1.00000	17.5333	42.3	19.0	
2	5002T	3	54.4933	.	2.00000	30.6667	1.33333	17.4333	40.6	19.1	
3	AG 5501RR	3	42.7081	.	2.66667	35.3333	1.66667	17.5333	40.5	18.3	
4	ALLEN	3	49.1904	.	2.66667	36.0000	1.33333	18.8667	40.4	18.4	
5	DS-95-217-1-880	3	46.8073	.	1.66667	28.6667	1.33333	18.1667	40.1	19.4	
6	G03-1668 RR	3	56.2013	.	3.00000	35.6667	1.00000	18.7333	39.5	19.4	
7	G03-2282 RR	3	41.8053	.	2.66667	36.0000	1.33333	15.7667	40.0	17.9	
8	JTN-033	3	51.9476	.	2.00000	30.6667	1.00000	16.8000	42.2	19.2	
9	JTN-5203	3	48.4259	.	2.00000	34.6667	1.33333	16.3333	40.0	19.5	
10	MD 01-206 RR	3	41.0489	.	2.33333	32.0000	1.66667	16.1000	38.5	19.4	
11	NCC01-256RR	3	44.0339	.	2.00000	33.0000	1.00000	18.0333	39.9	17.9	
12	R00-1940	3	42.3909	.	3.00000	31.3333	1.00000	17.1667	40.6	18.4	
13	R01-379	3	55.1033	.	3.00000	33.6667	1.00000	21.5333	39.1	17.3	
14	R01-4752RR	3	43.7492	.	3.00000	30.6667	1.00000	17.9333	39.4	19.6	
15	R01-4804RR	3	48.1412	.	2.66667	34.3333	2.00000	18.5000	39.8	18.8	
16	R01-976	3	53.5336	.	2.66667	38.6667	1.00000	19.9667	39.7	19.2	
17	S03-328RR	3	44.2616	.	1.00000	42.0000	1.00000	19.1000	40.7	20.7	
18	S03-383RR	3	50.2965	.	1.66667	42.6667	1.33333	19.8667	41.5	19.1	
19	TN02-104RR	3	49.8736	.	2.00000	37.6667	1.00000	16.9667	41.1	18.6	
20	TN02-205	3	48.0436	.	1.66667	29.3333	1.00000	14.4667	40.1	18.8	
21	TN02-283	3	42.5780	.	2.66667	28.6667	1.00000	18.2333	39.5	19.0	
22	V01-2245	3	52.5820	.	3.00000	31.6667	1.00000	16.4667	39.8	19.4	

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

		M								
E	V		A	L		Q		P		
N	A		T	O	H	U		R		
T	R	F	Y	U	D	E	A		O	
R	I	R	I	R	G	I	L	S	T	
Y	E	E	E	I	I	G	I	I	E O	
N	T	Q	L	T	N	H	T	Z	I I	
O	Y		D	Y	G	T	Y	E	N L	
1	5601T	3	79.1782	0.0000	1.83333	34.6667	2.33333	14.0667	. .	
2	5002T	3	70.7475	-5.6667	1.83333	28.6667	1.66667	16.0333	. .	
3	AG 5501RR	3	74.2917	0.6667	2.16667	30.3333	2.50000	14.3333	. .	
4	ALLEN	3	77.0719	5.3333	2.50000	35.0000	2.66667	15.8000	. .	
5	DS-95-217-1-880	3	76.6675	2.3333	1.83333	22.3333	2.50000	16.5000	. .	
6	G03-1668 RR	3	76.6113	2.3333	3.50000	32.6667	2.00000	14.3667	. .	
7	G03-2282 RR	3	71.5620	6.0000	2.16667	32.6667	2.16667	13.5000	. .	
8	JTN-033	3	78.5996	-1.6667	1.66667	29.6667	2.16667	13.5333	. .	
9	JTN-5203	3	83.8288	-1.0000	1.66667	30.0000	2.33333	14.4667	. .	
10	MD 01-206 RR	3	76.7293	-2.3333	1.50000	31.3333	2.00000	12.6000	. .	
11	NCC01-256RR	3	77.9818	3.3333	1.83333	27.3333	2.50000	15.5000	. .	
12	R00-1940	3	70.3937	-0.3333	2.16667	28.6667	1.66667	14.9667	. .	
13	R01-379	3	74.4517	0.6667	2.16667	30.0000	2.33333	16.2667	. .	
14	R01-4752RR	3	67.9392	0.0000	1.40000	22.6667	2.66667	14.9333	. .	
15	R01-4804RR	3	72.7134	1.6667	2.83333	26.0000	2.50000	14.5667	. .	
16	R01-976	3	76.1957	2.0000	3.00000	31.3333	2.66667	16.8000	. .	
17	S03-328RR	3	72.3595	-6.0000	2.50000	45.3333	3.16667	16.0333	. .	
18	S03-383RR	3	70.7953	11.3333	3.16667	38.0000	3.00000	15.4000	. .	
19	TN02-104RR	3	76.9989	1.3333	1.33333	28.6667	1.83333	13.8000	. .	
20	TN02-205	3	72.9774	-4.0000	1.50000	25.6667	1.56667	13.3333	. .	
21	TN02-283	3	68.3520	1.6667	2.16667	25.0000	2.16667	15.7667	. .	
22	V01-2245	3	81.2451	0.6667	2.00000	30.3333	2.00000	14.3000	. .	

----- LOCATION=PITTSBURG,KS TTYPE=UV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	3	32.4667	.	1.33333	34.0000	0.33333	15.3	42.1	17.6
2	5002T	3	34.5667	.	1.33333	31.6667	0.33333	15.8	38.3	18.5
3	AG 5501RR	3	33.2667	.	1.00000	35.0000	0.33333	14.6	39.7	19.1
4	ALLEN	3	35.5000	.	1.66667	37.0000	0.33333	14.2	39.2	19.3
5	DS-95-217-1-880	3	33.1333	.	1.00000	24.3333	0.33333	15.8	39.0	20.0
6	G03-1668 RR	3	35.0333	.	2.33333	32.0000	0.33333	14.1	38.2	20.3
7	G03-2282 RR	3	33.9333	.	2.00000	32.6667	0.33333	13.3	39.6	18.5
8	JTN-033	3	27.1000	.	1.00000	26.6667	0.33333	14.3	40.9	19.9
9	JTN-5203	3	35.1333	.	1.00000	29.6667	0.33333	14.5	38.8	19.9
10	MD 01-206 RR	3	28.8667	.	1.00000	29.6667	0.33333	13.7	39.9	18.4
11	NCC01-256RR	3	33.6667	.	1.00000	29.3333	0.33333	15.9	40.0	19.6
12	R00-1940	3	36.5667	.	2.00000	32.0000	0.33333	16.5	38.4	18.3

13	R01-379	3	33.2333	.	1.66667	32.0000	0.33333	16.6	38.9	18.3
14	R01-4752RR	3	31.2333	.	1.00000	29.3333	0.33333	17.9	38.2	19.5
15	R01-4804RR	3	33.0333	.	1.00000	29.3333	0.33333	17.4	39.7	20.0
16	R01-976	3	32.1000	.	1.33333	32.0000	0.33333	17.5	40.3	18.8
17	S03-328RR	3	32.1667	.	1.00000	33.3333	0.33333	20.5	40.3	19.6
18	S03-383RR	3	33.0333	.	1.00000	33.3333	0.33333	20.0	40.7	18.9
19	TN02-104RR	3	38.7000	.	1.33333	34.6667	0.33333	16.3	40.7	18.4
20	TN02-205	3	30.6667	.	1.00000	27.3333	0.33333	15.7	39.1	19.1
21	TN02-283	3	38.8333	.	1.00000	28.3333	0.33333	14.9	37.5	19.6
22	V01-2245	3	28.6000	.	1.00000	29.0000	0.33333	17.5	38.2	19.6

2006 REGIONAL SOYBEAN TEST - Local Anova 15
LIST OF VARIETY MEANS 09:42 Friday, February 16, 2007

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	3	58.4453	0.00000	2.00000	34.0000	.	14.8	.	.
2	5002T	3	54.6220	-3.00000	2.00000	28.6667	.	15.6	.	.
3	AG 5501RR	3	56.1720	2.33333	2.33333	34.0000	.	15.2	.	.
4	ALLEN	3	53.0823	9.66667	2.00000	37.3333	.	14.6	.	.
5	DS-95-217-1-880	3	48.5563	-1.00000	2.33333	28.6667	.	14.3	.	.
6	G03-1668 RR	3	47.8950	3.33333	3.33333	35.3333	.	15.4	.	.
7	G03-2282 RR	3	43.7100	5.33333	2.66667	34.0000	.	12.0	.	.
8	JTN-033	3	58.2800	3.66667	2.00000	31.3333	.	14.0	.	.
9	JTN-5203	3	57.6807	-2.33333	2.00000	31.3333	.	12.6	.	.
10	MD 01-206 RR	3	51.1500	0.66667	2.00000	30.6667	.	12.8	.	.
11	NCC01-256RR	3	52.4417	2.66667	2.33333	32.6667	.	14.4	.	.
12	R00-1940	3	40.4137	-1.66667	2.66667	26.6667	.	13.6	.	.
13	R01-379	3	47.0993	4.33333	2.33333	30.0000	.	18.2	.	.
14	R01-4752RR	3	46.2727	-2.00000	2.33333	28.0000	.	14.3	.	.
15	R01-4804RR	3	46.6447	-2.33333	5.00000	31.3333	.	13.9	.	.
16	R01-976	3	50.1993	5.33333	3.00000	35.3333	.	15.3	.	.
17	S03-328RR	3	58.5797	-2.33333	2.33333	40.6667	.	16.6	.	.
18	S03-383RR	3	51.5840	1.66667	2.33333	40.6667	.	14.5	.	.
19	TN02-104RR	3	54.3637	1.00000	2.33333	31.0000	.	13.3	.	.
20	TN02-205	3	53.4750	-1.66667	2.00000	26.0000	.	13.8	.	.
21	TN02-283	3	42.6147	-2.00000	2.33333	26.6667	.	14.4	.	.
22	V01-2245	3	52.1627	2.33333	2.00000	31.3333	.	13.5	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 16
LIST OF VARIETY MEANS 09:42 Friday, February 16, 2007

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	3	59.4746	0	1.0	30	3	11.5	41.9	20.1
2	5002T	3	62.0330	-5	1.0	22	4	13.5	40.3	21.8
3	AG 5501RR	3	56.5390	0	1.5	32	3	11.2	42.0	19.3
4	ALLEN	3	56.4406	7	1.5	29	4	10.8	41.4	19.4
5	DS-95-217-1-880	3	58.2364	-1	1.0	18	4	12.9	40.5	19.9
6	G03-1668 RR	3	60.8932	5	1.5	28	3	10.8	41.5	20.0
7	G03-2282 RR	3	49.1180	8	1.5	26	3	13.1	45.0	17.7
8	JTN-033	3	51.2828	-2	1.0	20	4	9.4	40.8	20.1
9	JTN-5203	3	63.2138	-4	1.0	20	4	10.9	41.2	19.3

10	MD 01-206 RR	3	53.2508	-3	1.0	18	3	10.0	39.7	20.2
11	NCC01-256RR	3	49.6592	0	1.0	25	4	11.0	41.6	18.0
12	R00-1940	3	50.8482	-1	1.0	17	4	10.6	42.9	19.2
13	R01-379	3	55.8666	3	1.0	22	3	13.2	40.0	19.8
14	R01-4752RR	3	49.8888	-2	1.0	18	3	10.9	40.2	19.7
15	R01-4804RR	3	55.0220	-2	1.0	22	3	10.2	42.5	19.2
16	R01-976	3	60.3602	6	1.5	30	4	13.7	41.9	19.5
17	S03-328RR	3	63.9600	-4	1.5	38	4	12.9	42.7	20.0
18	S03-383RR	3	61.3114	2	1.5	36	4	12.3	43.6	18.4
19	TN02-104RR	3	50.1430	-1	1.0	18	4	9.7	42.2	18.9
20	TN02-205	3	53.2344	-1	1.0	17	3	10.2	43.1	17.9
21	TN02-283	3	54.2348	0	1.0	19	3	12.3	41.0	19.0
22	V01-2245	3	59.9994	2	1.0	21	4	11.2	39.8	20.3

2006 REGIONAL SOYBEAN TEST - Local Anova 17
LIST OF VARIETY MEANS 09:42 Friday, February 16, 2007

----- LOCATION=PORTAGEVILLE,MO(B) TTYPE=UV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	3	65.2638	.	1.0	27	4	11.4	.	.
2	5002T	3	71.6680	.	1.0	21	4	14.1	.	.
3	AG 5501RR	3	66.7726	.	1.0	23	4	12.1	.	.
4	ALLEN	3	56.3504	.	1.0	24	4	11.0	.	.
5	DS-95-217-1-880	3	54.3332	.	1.0	17	5	11.2	.	.
6	G03-1668 RR	3	65.8378	.	1.0	27	4	11.4	.	.
7	G03-2282 RR	3	54.6612	.	1.0	27	4	9.3	.	.
8	JTN-033	3	60.4668	.	1.0	18	4	9.4	.	.
9	JTN-5203	3	66.9284	.	1.0	17	4	10.9	.	.
10	MD 01-206 RR	3	58.5480	.	1.0	17	4	9.9	.	.
11	NCC01-256RR	3	58.2282	.	1.0	20	4	11.1	.	.
12	R00-1940	3	67.4450	.	1.0	19	4	11.1	.	.
13	R01-379	3	60.4176	.	1.0	21	4	13.6	.	.
14	R01-4752RR	3	62.3364	.	1.0	21	4	11.5	.	.
15	R01-4804RR	3	66.8546	.	1.0	22	4	11.2	.	.
16	R01-976	3	68.0354	.	1.5	25	3	12.8	.	.
17	S03-328RR	3	79.1792	.	1.0	35	4	13.7	.	.
18	S03-383RR	3	68.0190	.	1.5	35	5	11.8	.	.
19	TN02-104RR	3	60.5734	.	1.0	19	4	10.0	.	.
20	TN02-205	3	54.3824	.	1.0	16	5	9.9	.	.
21	TN02-283	3	53.6772	.	1.0	17	4	12.5	.	.
22	V01-2245	3	64.1814	.	1.0	24	4	10.7	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 18
LIST OF VARIETY MEANS 09:42 Friday, February 16, 2007

----- LOCATION=PRINCETON,KY TTYPE=UV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	3	63.8000	.	2.66667	41.3333	1	12.6	40.2	19.9
2	5002T	3	62.9333	.	2.50000	35.3333	2	15.4	38.7	20.2
3	AG 5501RR	3	58.3333	.	2.50000	43.3333	1	13.9	39.1	19.8
4	ALLEN	3	56.6667	.	2.83333	45.6667	1	13.5	39.1	19.3
5	DS-95-217-1-880	3	53.5333	.	2.16667	36.0000	2	14.8	38.1	20.4
6	G03-1668 RR	3	51.2000	.	2.83333	40.3333	2	14.5	39.2	20.2

7	G03-2282 RR	3	47.4667	.	3.50000	41.0000	1	12.0	41.8	19.3
8	JTN-033	3	51.9000	.	2.50000	36.6667	2	11.9	38.7	21.0
9	JTN-5203	3	52.4000	.	2.83333	39.6667	2	12.0	38.5	20.2
10	MD 01-206 RR	3	55.2000	.	2.00000	38.6667	1	11.2	38.5	19.9
11	NCC01-256RR	3	51.1667	.	2.66667	38.3333	2	13.6	39.5	19.1
12	R00-1940	3	57.1000	.	3.00000	37.0000	2	13.3	39.8	20.1
13	R01-379	3	55.4000	.	3.00000	40.3333	2	16.9	39.4	18.8
14	R01-4752RR	3	50.5333	.	2.66667	35.6667	2	13.0	38.9	19.6
15	R01-4804RR	3	53.7333	.	3.50000	38.0000	2	13.4	40.6	19.2
16	R01-976	3	60.5667	.	3.33333	41.3333	2	16.0	40.5	19.4
17	S03-328RR	3	49.4000	.	2.00000	48.6667	2	12.8	40.1	20.3
18	S03-383RR	3	61.6667	.	2.33333	45.6667	2	15.7	40.6	19.5
19	TN02-104RR	3	58.9333	.	2.16667	39.3333	1	12.2	38.7	18.9
20	TN02-205	3	59.0333	.	2.00000	38.0000	2	11.7	40.3	18.7
21	TN02-283	3	49.4000	.	2.16667	31.0000	3	13.5	36.5	19.8
22	V01-2245	3	64.4333	.	2.83333	41.0000	2	12.0	37.4	20.2

2006 REGIONAL SOYBEAN TEST - Local Anova 19
LIST OF VARIETY MEANS 09:42 Friday, February 16, 2007

----- LOCATION=QUEENSTOWN,MD TTYPE=UV -----

		M								
E	V		A	L		Q		P		
N	A	_	T	O	H	U		R		
T	R	F	Y	U	D	E	A	O		
R	I	R	I	R	G	I	L	S	T	
Y	E	E	E	I	I	G	I	I	E	O
N	T	Q	L	T	N	H	T	Z	I	I
O	Y	_	D	Y	G	T	Y	E	N	L
1	5601T	3	39.3750	.	1.50000	25.6667	1.00000	13.7000	41.5	18.4
2	5002T	3	33.9833	.	2.00000	23.0000	1.16667	13.7000	39.3	18.6
3	AG 5501RR	3	31.2667	.	1.66667	22.6667	1.00000	13.3000	40.5	18.8
4	ALLEN	3	34.7750	.	1.33333	28.6667	1.16667	14.1333	40.1	18.2
5	DS-95-217-1-880	3	34.0000	.	1.33333	18.6667	1.50000	13.4000	40.3	18.0
6	G03-1668 RR	3	36.1750	.	2.83333	26.3333	1.33333	13.6333	40.6	18.5
7	G03-2282 RR	3	22.7750	.	1.83333	23.6667	1.00000	11.2667	42.2	18.0
8	JTN-033	3	33.3500	.	1.50000	23.6667	1.00000	12.9333	42.4	18.7
9	JTN-5203	3	37.3000	.	1.50000	23.6667	1.16667	11.7333	40.0	18.8
10	MD 01-206 RR	3	33.2417	.	1.33333	23.3333	1.16667	12.0333	40.7	18.1
11	NCC01-256RR	3	27.7167	.	1.66667	24.0000	1.16667	11.3000	40.4	17.6
12	R00-1940	3	35.8667	.	1.66667	20.3333	1.00000	12.0667	41.9	18.2
13	R01-379	3	37.3417	.	2.16667	22.6667	1.00000	14.6667	38.9	18.6
14	R01-4752RR	3	26.5917	.	1.66667	22.3333	1.50000	12.0333	40.6	18.2
15	R01-4804RR	3	31.0000	.	2.00000	25.0000	1.50000	13.3000	40.9	18.6
16	R01-976	3	30.3250	.	1.50000	24.0000	1.00000	15.5000	40.9	18.3
17	S03-328RR	3	28.9333	.	1.50000	26.6667	1.00000	15.7667	41.1	19.3
18	S03-383RR	3	33.8833	.	1.66667	31.0000	1.50000	15.4333	41.6	18.2
19	TN02-104RR	3	31.1250	.	1.16667	21.6667	1.00000	12.1333	41.6	17.6
20	TN02-205	3	17.3000	.	1.33333	17.6667	1.00000	9.6667	41.9	17.2
21	TN02-283	3	36.0083	.	1.50000	19.0000	1.00000	12.5667	39.5	18.0
22	V01-2245	3	34.4000	.	1.50000	23.6667	1.00000	11.5333	38.5	19.3

2006 REGIONAL SOYBEAN TEST - Local Anova 20
LIST OF VARIETY MEANS 09:42 Friday, February 16, 2007

----- LOCATION=ROHWER,AR TTYPE=UV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	3	57.2264	-0.00000	.	32.6667	.	.	.	.
2	5002T	3	60.0208	-2.33333	.	28.6667	.	.	.	.
3	AG 5501RR	3	57.4336	-0.33333	.	30.6667	.	.	.	.
4	ALLEN	3	58.3968	5.33333	.	37.6667	.	.	.	.
5	DS-95-217-1-880	3	48.8712	0.33333	.	22.3333	.	.	.	.
6	G03-1668 RR	3	61.1632	0.66667	.	31.6667	.	.	.	.
7	G03-2282 RR	3	61.2192	1.33333	.	32.0000	.	.	.	.
8	JTN-033	3	61.2640	-1.66667	.	28.3333	.	.	.	.
9	JTN-5203	3	54.0008	-4.66667	.	26.3333	.	.	.	.
10	MD 01-206 RR	3	57.2824	-2.33333	.	27.6667	.	.	.	.
11	NCC01-256RR	3	37.1168	1.00000	.	21.3333	.	.	.	.
12	R00-1940	3	52.8136	-3.66667	.	25.6667	.	.	.	.
13	R01-379	3	61.9528	-0.33333	.	27.3333	.	.	.	.
14	R01-4752RR	3	53.6200	-3.66667	.	22.6667	.	.	.	.
15	R01-4804RR	3	56.6216	-1.66667	.	30.3333	.	.	.	.
16	R01-976	3	66.5000	1.00000	.	30.6667	.	.	.	.
17	S03-328RR	3	42.6720	-7.66667	.	40.0000	.	.	.	.
18	S03-383RR	3	45.1500	-0.16667	.	39.5000	.	.	.	.
19	TN02-104RR	3	72.1672	-0.33333	.	28.6667	.	.	.	.
20	TN02-205	3	53.2168	-4.66667	.	26.3333	.	.	.	.
21	TN02-283	3	58.6768	0.33333	.	24.0000	.	.	.	.
22	V01-2245	3	57.6576	-0.00000	.	25.0000	.	.	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 21
 LIST OF VARIETY MEANS 09:42 Friday, February 16, 2007

----- LOCATION=STONEVILLE,MS TTYPE=UV -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5601T	3	50.457	0	2	28	2	.	.	.
2	5002T	3	43.318	-10	2	26	2	.	.	.
3	AG 5501RR	3	40.733	4	2	34	2	.	.	.
4	ALLEN	3	41.250	6	2	32	2	.	.	.
5	DS-95-217-1-880	3	46.387	-3	2	20	2	.	.	.
6	G03-1668 RR	3	37.851	-2	2	30	2	.	.	.
7	G03-2282 RR	3	34.529	0	2	32	2	.	.	.
8	JTN-033	3	53.548	-4	2	30	2	.	.	.
9	JTN-5203	3	48.884	-5	2	26	2	.	.	.
10	MD 01-206 RR	3	52.327	-4	2	26	2	.	.	.
11	NCC01-256RR	3	38.995	-1	2	24	2	.	.	.
12	R00-1940	3	42.977	-7	2	22	2	.	.	.
13	R01-379	3	47.740	-4	2	24	2	.	.	.
14	R01-4752RR	3	47.157	-4	2	22	2	.	.	.
15	R01-4804RR	3	48.675	-4	2	26	2	.	.	.
16	R01-976	3	45.727	0	2	30	2	.	.	.
17	S03-328RR	3	38.258	-13	2	46	2	.	.	.
18	S03-383RR	3	30.866	5	3	46	2	.	.	.
19	TN02-104RR	3	45.012	-1	2	24	2	.	.	.
20	TN02-205	3	48.840	-5	2	22	2	.	.	.
21	TN02-283	3	40.920	-3	2	26	2	.	.	.
22	V01-2245	3	54.978	-3	2	30	2	.	.	.

----- LOCATION=SUFFOLK,VA TTYPE=UV -----

		M								
E	V		A	L		Q		P		
N	A	—	T	O	H	U		R		
T	R	F	Y	U	D	E	A	O		
R	I	R	I	R	G	I	L	S	T	
Y	E	E	E	I	I	G	I	I	E	
N	T	Q	L	T	N	H	T	Z	I	
O	Y	—	D	Y	G	T	Y	E	N	
1	5601T	3	39.9867	0	1.16667	23.6667	1.33333	33.6200	.	.
2	5002T	3	41.1133	-6	1.66667	26.6667	2.33333	29.1867	.	.
3	AG 5501RR	3	45.2900	-3	1.33333	31.0000	2.00000	31.0433	.	.
4	ALLEN	3	49.8367	-3	1.16667	30.0000	1.66667	31.5267	.	.
5	DS-95-217-1-880	3	40.9967	0	1.00000	20.6667	1.33333	30.3467	.	.
6	G03-1668 RR	3	45.9667	-3	1.50000	25.6667	1.66667	32.0733	.	.
7	G03-2282 RR	3	36.9567	-6	1.16667	22.3333	1.00000	35.2300	.	.
8	JTN-033	3	43.7500	-3	1.16667	23.0000	1.00000	33.2367	.	.
9	JTN-5203	3	49.2467	-3	1.00000	24.3333	2.00000	34.8967	.	.
10	MD 01-206 RR	3	45.3100	0	1.33333	22.3333	1.33333	30.7433	.	.
11	NCC01-256RR	3	46.1200	0	1.00000	24.0000	2.00000	27.7533	.	.
12	R00-1940	3	47.2200	-3	1.66667	29.6667	1.33333	31.2533	.	.
13	R01-379	3	48.4633	3	1.16667	24.6667	1.66667	27.1000	.	.
14	R01-4752RR	3	36.3133	0	1.33333	23.6667	2.00000	32.7867	.	.
15	R01-4804RR	3	45.8600	0	1.50000	26.3333	2.33333	30.8033	.	.
16	R01-976	3	49.6867	-3	1.16667	24.6667	1.66667	29.2833	.	.
17	S03-328RR	3	44.2333	0	1.33333	30.6667	2.00000	29.3600	.	.
18	S03-383RR	3	42.5733	0	1.83333	34.6667	2.33333	28.1633	.	.
19	TN02-104RR	3	42.3267	-6	1.16667	26.0000	2.00000	33.9000	.	.
20	TN02-205	3	37.6600	0	1.33333	22.3333	1.66667	34.4367	.	.
21	TN02-283	3	35.8233	1	1.16667	23.3333	1.66667	31.1767	.	.
22	V01-2245	3	45.5700	0	1.00000	24.6667	2.66667	31.8833	.	.

----- LOCATION=ULLIN,IL TTYPE=UV -----

		M								
E	V		A	L		Q		P		
N	A	—	T	O	H	U		R		
T	R	F	Y	U	D	E	A	O		
R	I	R	I	R	G	I	L	S	T	
Y	E	E	E	I	I	G	I	I	E	
N	T	Q	L	T	N	H	T	Z	I	
O	Y	—	D	Y	G	T	Y	E	N	
1	5601T	3	59.2053	-0.00000	.	34.3333	1.33333	14.9000	43.7	18.4
2	5002T	3	61.4027	-7.00000	.	27.3333	1.33333	16.6000	42.2	19.7
3	AG 5501RR	3	59.4667	-0.66667	.	36.0000	1.33333	14.6667	42.7	19.0
4	ALLEN	3	62.0853	9.66667	.	39.0000	1.66667	14.1667	42.1	18.6
5	DS-95-217-1-880	3	67.0240	0.33333	.	27.6667	1.33333	15.0333	40.9	19.8
6	G03-1668 RR	3	55.4720	9.33333	.	36.3333	2.00000	13.9333	41.7	19.2

7	G03-2282 RR	3	54.1653	9.66667	. 35.3333	1.33333	11.8333	43.2	19.5
8	JTN-033	3	58.1600	1.00000	. 30.6667	1.66667	12.7333	43.3	19.5
9	JTN-5203	3	68.3253	-4.33333	. 34.0000	1.00000	13.7000	41.0	20.1
10	MD 01-206 RR	3	54.8640	-2.66667	. 32.3333	1.00000	13.0333	41.1	19.6
11	NCC01-256RR	3	55.0560	0.33333	. 35.0000	2.00000	13.3000	41.9	18.6
12	R00-1940	3	55.8613	-2.66667	. 30.6667	1.66667	14.6333	42.4	19.0
13	R01-379	3	57.8507	6.33333	. 33.0000	1.33333	16.7000	40.8	18.7
14	R01-4752RR	3	45.8613	-7.00000	. 29.0000	1.66667	13.6667	40.9	19.9
15	R01-4804RR	3	51.6480	-4.00000	. 34.3333	2.00000	13.8000	42.0	19.3
16	R01-976	3	58.0373	9.66667	. 34.3333	1.33333	15.9000	42.6	19.1
17	S03-328RR	3	59.3707	-3.33333	. 47.6667	1.33333	16.8333	42.8	19.6
18	S03-383RR	3	49.9520	0.33333	. 41.0000	2.00000	16.8667	43.9	18.3
19	TN02-104RR	3	67.3333	-0.66667	. 32.6667	1.00000	13.1000	42.7	18.0
20	TN02-205	3	50.0213	-4.33333	. 25.3333	1.33333	12.8333	43.6	18.2
21	TN02-283	3	52.0373	0.33333	. 27.0000	1.00000	15.2333	41.1	18.7
22	V01-2245	3	56.2987	-4.33333	. 29.3333	1.33333	12.8667	40.8	19.6

2006 REGIONAL SOYBEAN TEST - Local Anova 24
LIST OF VARIETY MEANS 09:42 Friday, February 16, 2007

----- LOCATION=WARSAW,VA TTYPE=UV -----

		M								
E	V	A	L	Q	P					
N	A	T	O	H	U	R				
T	R	F	Y	U	D	E	A	O		
R	I	R	I	R	G	I	L	S	T	
Y	E	E	E	I	I	G	I	I	E	O
N	T	Q	L	T	N	H	T	Z	I	I
O	Y	-	D	Y	G	T	Y	E	N	L

1	5601T	3	51.6378	-0.00000	2.06667	30.6667	1.30000	13.8333	44.1	16.7
2	5002T	3	50.6321	-5.66667	2.66667	27.3333	1.50000	14.9333	42.6	17.4
3	AG 5501RR	3	45.8795	1.33333	1.43333	30.3333	1.50000	13.9667	43.5	16.7
4	ALLEN	3	56.7998	7.33333	1.86667	36.6667	1.30000	13.5000	42.7	16.3
5	DS-95-217-1-880	3	51.3263	-1.00000	1.53333	24.3333	1.23333	15.6333	40.8	18.1
6	G03-1668 RR	3	49.1013	0.66667	3.43333	32.6667	1.30000	13.7000	42.2	17.7
7	G03-2282 RR	3	46.9030	2.66667	2.56667	29.6667	1.06667	12.3000	44.4	16.3
8	JTN-033	3	50.3562	-0.66667	2.20000	25.6667	1.13333	13.2000	43.6	17.7
9	JTN-5203	3	52.7592	-0.00000	2.50000	28.0000	1.50000	13.6667	42.7	16.9
10	MD 01-206 RR	3	50.6499	-1.33333	1.73333	27.6667	1.20000	13.0667	43.1	16.8
11	NCC01-256RR	3	42.7289	-0.66667	1.86667	25.3333	1.40000	13.1333	41.4	17.2
12	R00-1940	3	46.3601	-2.66667	2.43333	25.3333	1.20000	14.7000	43.3	16.8
13	R01-379	3	50.0269	1.33333	3.33333	27.6667	1.20000	15.8667	41.6	17.3
14	R01-4752RR	3	39.9966	-4.00000	2.43333	25.3333	1.40000	13.8333	41.6	17.8
15	R01-4804RR	3	47.4014	-1.33333	2.73333	28.6667	1.60000	14.3333	42.3	17.5
16	R01-976	3	50.2583	2.33333	2.13333	30.6667	1.20000	15.3333	41.4	18.0
17	S03-328RR	3	48.9322	-5.66667	1.53333	33.6667	1.66667	16.9667	42.9	18.8
18	S03-383RR	3	50.5075	-2.00000	1.93333	34.3333	1.86667	16.7333	43.0	17.6
19	TN02-104RR	3	49.4662	-1.00000	1.60000	28.3333	1.20000	13.4333	43.5	16.1
20	TN02-205	3	43.2273	-5.00000	1.60000	23.0000	1.40000	12.4333	43.5	16.7
21	TN02-283	3	48.6385	-2.00000	2.30000	25.3333	1.50000	14.6000	40.1	18.5
22	V01-2245	3	46.6360	0.33333	2.26667	28.0000	1.40000	13.0000	41.1	17.9

2006 REGIONAL SOYBEAN TEST - Local Anova 25
ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=ALEXANDRIA,LA TTYPE=UV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	22	5002T 5601T AG 5501RR ALLEN DS-95-217-1-88 G03-1668 RR G03-2282 RR JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283 V01-2245
REP	1	1

Number of Observations Read 22
 Number of Observations Used 22

2006 REGIONAL SOYBEAN TEST - Local Anova 26
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=ALEXANDRIA,LA TTYPE=UV -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	21	202.2859091	9.6326623	.	.
Error	0	0.0000000	.		
Corrected Total	21	202.2859091			

R-Square 1.000000
 Coeff Var .
 Root MSE .
 YIELD Mean 27.88636

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	0	0.0000000	.	.	.
VARIETY	21	202.2859091	9.6326623	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 27
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=ALEXANDRIA,LA TTYPE=UV -----

The ANOVA Procedure

Level of VARIETY	N	-----YIELD----- Mean	Std Dev

5002T	1	24.9000000	.
5601T	1	28.6000000	.
AG 5501RR	1	23.7000000	.
ALLEN	1	25.2000000	.
DS-95-217-1-88	1	27.4000000	.
G03-1668 RR	1	32.8000000	.
G03-2282 RR	1	27.6000000	.
JTN-033	1	25.6000000	.
JTN-5203	1	34.7000000	.
MD 01-206 RR	1	29.0000000	.
NCC01-256RR	1	25.8000000	.
R00-1940	1	25.6000000	.
R01-379	1	30.8000000	.
R01-4752RR	1	30.8000000	.
R01-4804RR	1	27.2000000	.
R01-976	1	30.1000000	.
S03-328RR	1	27.7000000	.
S03-383RR	1	29.3000000	.
TN02-104RR	1	22.3000000	.
TN02-205	1	24.4000000	.
TN02-283	1	28.5000000	.
V01-2245	1	31.5000000	.

2006 REGIONAL SOYBEAN TEST - Local Anova 28
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	22	5002T 5601T AG 5501RR ALLEN DS-95-217-1-880 G03-1668 RR G03-2282 RR JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283 V01-2245
REP	3	1 2 3

Number of Observations Read 66
 Number of Observations Used 66

2006 REGIONAL SOYBEAN TEST - Local Anova 29
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

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

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
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Model	23	303.7217636	13.2052941	1.54	0.1098
Error	42	359.6874303	8.5639864		
Corrected Total	65	663.4091939			

R-Square Coeff Var Root MSE YIELD Mean
0.457820 16.69672 2.926429 17.52697

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	2.2891030	1.1445515	0.13	0.8753
VARIETY	21	301.4326606	14.3539362	1.68	0.0764

2006 REGIONAL SOYBEAN TEST - Local Anova 30
ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

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

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 42
Error Mean Square 8.563986
Critical Value of t 2.01808
Least Significant Difference 4.822

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	22.700	3	R01-379
A			
A	22.100	3	5601T
A			
B	19.673	3	R01-976
B			
B	19.373	3	ALLEN
B			
B	19.067	3	MD 01-206 RR
B			
B	18.760	3	5002T
B			
B	18.467	3	JTN-033
B			
B			

B	A	C	18.160	3	AG 5501RR
B	A	C			
B	A	C	18.160	3	R01-4804RR
B		C			
B		C	17.253	3	TN02-104RR
B		C			
B		C	17.253	3	R00-1940
B		C			
B		C	16.953	3	G03-1668 RR
B		C			
B		C	16.947	3	S03-383RR
B		C			
B		C	16.640	3	TN02-283
B		C			
B		C	16.347	3	DS-95-217-1-880

2006 REGIONAL SOYBEAN TEST - Local Anova 31
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

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

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t	Grouping	Mean	N	VARIETY
B	C			
B	C	16.340	3	S03-328RR
B	C			
B	C	16.040	3	V01-2245
B	C			
B	C	15.740	3	JTN-5203
B	C			
B	C	15.740	3	TN02-205
B	C			
B	C	15.433	3	R01-4752RR
	C			
	C	14.227	3	G03-2282 RR
	C			
	C	14.220	3	NCC01-256RR

2006 REGIONAL SOYBEAN TEST - Local Anova 32
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=BIXBY,OK TTYPE=UV -----

The ANOVA Procedure

Class Level Information

Class Levels Values

VARIETY 22 5002T 5601T AG 5501RR ALLEN DS-95-217-1-880 G03-1668 RR G03-2282 RR
 JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR
 R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283
 V01-2245

REP 3 1 2 3

Number of Observations Read 66
 Number of Observations Used 66

2006 REGIONAL SOYBEAN TEST - Local Anova 33
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=BIXBY,OK TTYPE=UV -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	23	929.329633	40.405636	11.42	<.0001
Error	42	148.584603	3.537729		
Corrected Total	65	1077.914236			

R-Square 0.862155
 Coeff Var 6.808820
 Root MSE 1.880885
 YIELD Mean 27.62424

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	77.9815408	38.9907704	11.02	0.0001
VARIETY	21	851.3480921	40.5403853	11.46	<.0001

2006 REGIONAL SOYBEAN TEST - Local Anova 34
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=BIXBY,OK TTYPE=UV -----

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 42
 Error Mean Square 3.537729
 Critical Value of t 2.01808

Least Significant Difference 3.0992

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
	35.232	3	ALLEN
	33.579	3	R01-976
B	32.448	3	5601T
B	31.403	3	G03-2282 RR
B	30.603	3	S03-383RR
B	30.517	3	R01-379
	30.432	3	5002T
	29.664	3	S03-328RR
	29.589	3	V01-2245
E	27.008	3	TN02-104RR
E	26.848	3	JTN-033
E	26.421	3	DS-95-217-1-880
E	26.197	3	R00-1940
E	25.824	3	TN02-283
E	25.333	3	G03-1668 RR

2006 REGIONAL SOYBEAN TEST - Local Anova 35
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=BIXBY,OK TTYPE=UV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
E H F G	24.875	3	TN02-205
E H F G	24.608	3	AG 5501RR

E	H	F	G	24.427	3	MD 01-206 RR
E	H	F	G			
E	H	F	G	23.947	3	JTN-5203
	H	F	G			
	H	F	G	23.200	3	R01-4804RR
	H		G			
	H		G	22.976	3	R01-4752RR
	H					
	H			22.603	3	NCC01-256RR

2006 REGIONAL SOYBEAN TEST - Local Anova 36
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	22	5002T 5601T AG 5501RR ALLEN DS-95-217-1-880 G03-1668 RR G03-2282 RR JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283 V01-2245
REP	3	1 2 3

Number of Observations Read 66
 Number of Observations Used 65

2006 REGIONAL SOYBEAN TEST - Local Anova 37
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

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

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	23	3322.859335	144.472145	3.15	0.0007
Error	41	1881.055289	45.879397		
Corrected Total	64	5203.914624			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.638531	32.93190	6.773433	20.56800

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	790.523047	395.261524	8.62	0.0008
VARIETY	21	2532.336288	120.587442	2.63	0.0040

2006 REGIONAL SOYBEAN TEST - Local Anova 38
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

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

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 41
 Error Mean Square 45.8794
 Critical Value of t 2.01954
 Least Significant Difference 11.295
 Harmonic Mean of Cell Sizes 2.933333

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	A	29.964	3	R01-4804RR
	A			
B	A	29.420	3	MD 01-206 RR
B	A			
B	A	28.872	3	R01-976
B	A			
B	A	28.056	2	G03-2282 RR
B	A			
B	A C	27.240	3	5601T
B	A C			
B	A C	27.060	3	ALLEN
B	A C			
B	A C	27.056	3	G03-1668 RR
B	A C			
B	D A C	26.332	3	R01-379
B	D A C			
E	B D A C	23.428	3	V01-2245
E	B D A C			
E	B D A C F	20.884	3	DS-95-217-1-880
E	B D A C F			
E	B D A C F	19.612	3	NCC01-256RR
E	B D A C F			
E	B D A C F	19.248	3	TN02-104RR
E	B D C F			

E	B	D	C	F	18.160	3	S03-383RR
E		D	C	F			

2006 REGIONAL SOYBEAN TEST - Local Anova 39
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

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

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY
E	D	C	F	16.708	3	AG 5501RR
E	D	C	F			
E	D	C	F	16.344	3	TN02-205
E	D	C	F			
E	D	C	F	16.340	3	TN02-283
E	D	C	F			
E	D	C	F	16.164	3	5002T
E	D		F			
E	D		F	15.252	3	R00-1940
E			F			
E			F	14.708	3	JTN-033
E			F			
E			F	13.440	3	S03-328RR
E			F			
			F	10.716	3	R01-4752RR
			F			
			F	9.988	3	JTN-5203

2006 REGIONAL SOYBEAN TEST - Local Anova 40
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=GEORGETOWN,DE TTYPE=UV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	22	5002T 5601T AG 5501RR ALLEN DS-95-217-1-880 G03-1668 RR G03-2282 RR JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283 V01-2245
REP	2	1 2

Number of Observations Read 44
 Number of Observations Used 44

----- LOCATION=GEORGETOWN,DE TTYPE=UV -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	22	3499.492653	159.067848	8.76	<.0001
Error	21	381.120857	18.148612		
Corrected Total	43	3880.613511			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.901789	10.09553	4.260119	42.19807

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	23.309105	23.309105	1.28	0.2699
VARIETY	21	3476.183548	165.532550	9.12	<.0001

----- LOCATION=GEORGETOWN,DE TTYPE=UV -----

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	21
Error Mean Square	18.14861
Critical Value of t	2.07961
Least Significant Difference	8.8594

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	59.528	2	TN02-104RR
A			

B		A		57.270	2	JTN-5203
B		A				
B		A	C	54.960	2	ALLEN
B		A	C			
B	D	A	C	50.805	2	5601T
B	D		C			
B	D	E	C	49.155	2	DS-95-217-1-880
	D	E	C			
	D	E	C	47.505	2	S03-328RR
	D	E	C			
F	D	E	C	46.770	2	G03-1668 RR
F	D	E	C			
F	D	E	C	46.710	2	R01-976
F	D	E				
F	D	E		45.570	2	TN02-283
F	D	E				
F	D	E		44.843	2	G03-2282 RR
F	D	E				
F	D	E		44.213	2	AG 5501RR
F		E				
F		E	G	40.973	2	R01-379
F		E	G			
F	H	E	G	40.935	2	R01-4804RR
F	H		G			
F	H	I	G	38.460	2	JTN-033
F	H	I	G			
F	H	I	G	38.265	2	S03-383RR

2006 REGIONAL SOYBEAN TEST - Local Anova 43
ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=GEORGETOWN,DE TTYPE=UV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
J	H I G	34.133	2	NCC01-256RR
J	H I G			
J	H I G	33.570	2	MD 01-206 RR
J	H I G			
J	H I G	32.783	2	V01-2245
J	H I G			
J	H I G	32.393	2	5002T
J	H I			
J	H I	32.078	2	R00-1940
J	I			
J	I	31.058	2	TN02-205
J				
J		26.385	2	R01-4752RR

----- LOCATION=KNOXVILLE,TN TTYPE=UV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	22	5002T 5601T AG 5501RR ALLEN DS-95-217-1-880 G03-1668 RR G03-2282 RR JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283 V01-2245
REP	3	1 2 3

Number of Observations Read 66
 Number of Observations Used 64

----- LOCATION=KNOXVILLE,TN TTYPE=UV -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	23	2369.840850	103.036559	4.06	<.0001
Error	40	1015.520750	25.388019		
Corrected Total	63	3385.361600			

R-Square 0.700026
 Coeff Var 14.80215
 Root MSE 5.038652
 YIELD Mean 34.04000

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	483.303716	241.651858	9.52	0.0004
VARIETY	21	1886.537133	89.835102	3.54	0.0003

----- LOCATION=KNOXVILLE,TN TTYPE=UV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha 0.05
 Error Degrees of Freedom 40
 Error Mean Square 25.38802
 Critical Value of t 2.02108
 Least Significant Difference 8.5017
 Harmonic Mean of Cell Sizes 2.869565

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	A	42.440	3	G03-1668 RR
	A			
B	A	42.247	3	AG 5501RR
B	A			
B	A	41.167	3	ALLEN
B	A			
B	D	40.027	3	R01-379
B	D			
B	D	39.900	3	R01-976
B	D			
E	B	38.773	3	5601T
E	B			
E	B	37.133	3	R00-1940
E	B			
E	B	35.527	3	G03-2282 RR
E	B			
E	B	34.840	2	JTN-033
E	B			
E	B	34.500	3	TN02-104RR
E	B			
E	B	34.273	3	JTN-5203
E	B			
E	B	33.927	3	V01-2245
E				
E	D	33.640	3	5002T
E	D			

2006 REGIONAL SOYBEAN TEST - Local Anova 47
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=KNOXVILLE, TN TTYPE=UV -----

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

	t Grouping					Mean	N	VARIETY
E	D	H	G	C	F	33.453	3	NCC01-256RR
E	D	H	G		F			
E	D	H	G		F	32.400	3	R01-4804RR
E	D	H	G		F			
E		D	H	G	F	32.350	2	DS-95-217-1-880
E			H	G	F			
E	I		H	G	F	30.447	3	MD 01-206 RR
	I		H	G	F			
	I		H	G	F	28.620	3	S03-383RR
	I		H	G	F			
	I		H	G	F	27.493	3	TN02-205
	I		H	G				
	I		H	G		26.893	3	R01-4752RR
	I		H					
	I		H			25.433	3	S03-328RR
	I							
	I					23.100	3	TN02-283

2006 REGIONAL SOYBEAN TEST - Local Anova 48
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=MCCUNE,KS TTYPE=UV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	22	5002T 5601T AG 5501RR ALLEN DS-95-217-1-880 G03-1668 RR G03-2282 RR JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283 V01-2245
REP	3	1 2 3

Number of Observations Read 66
 Number of Observations Used 66

2006 REGIONAL SOYBEAN TEST - Local Anova 49
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=MCCUNE,KS TTYPE=UV -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	23	273.9307576	11.9100329	1.62	0.0856
Error	42	308.4790909	7.3447403		
Corrected Total	65	582.4098485			

R-Square Coeff Var Root MSE YIELD Mean
0.470340 13.66342 2.710118 19.83485

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	4.6475758	2.3237879	0.32	0.7305
VARIETY	21	269.2831818	12.8230087	1.75	0.0616

2006 REGIONAL SOYBEAN TEST - Local Anova 50
ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=MCCUNE,KS TTYPE=UV -----

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 42
Error Mean Square 7.34474
Critical Value of t 2.01808
Least Significant Difference 4.4656

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	23.467	3	R01-976
A			
A	23.333	3	5002T
A			
B	22.600	3	TN02-104RR
B			
B	22.467	3	5601T
B			
B	21.600	3	R01-4804RR
B			
B	21.067	3	V01-2245
B			

	B	D	A	C	20.867	3	S03-383RR
	B	D	A	C			
E	B	D	A	C	20.700	3	JTN-033
E	B	D	A	C			
E	B	D	A	C	20.433	3	TN02-283
E	B	D	A	C			
E	B	D	A	C	20.233	3	ALLEN
E	B	D	A	C			
E	B	D	A	C	20.100	3	R01-4752RR
E	B	D	A	C			
E	B	D	A	C	19.833	3	MD 01-206 RR
E	B	D	A	C			
E	B	D	A	C	19.400	3	TN02-205
E	B	D		C			
E	B	D		C	18.467	3	NCC01-256RR
E	B	D		C			
E	B	D		C	18.467	3	R00-1940

2006 REGIONAL SOYBEAN TEST - Local Anova 51
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=MCCUNE,KS TTYPE=UV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY
E	B	D	C			
E	B	D	C	18.367	3	R01-379
E	B	D	C			
E	B	D	C	18.333	3	G03-2282 RR
E	B	D	C			
E	B	D	C	18.300	3	AG 5501RR
E		D	C			
E		D	C	17.933	3	G03-1668 RR
E		D	C			
E		D	C	17.500	3	DS-95-217-1-880
E		D				
E		D		16.600	3	JTN-5203
E						
E				16.300	3	S03-328RR

2006 REGIONAL SOYBEAN TEST - Local Anova 52
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=MILAN,TN TTYPE=UV -----

The ANOVA Procedure

Class Level Information

Class Levels Values

VARIETY 22 5002T 5601T AG 5501RR ALLEN DS-95-217-1-880 G03-1668 RR G03-2282 RR JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283 V01-2245

REP 3 1 2 3

Number of Observations Read 66
Number of Observations Used 66

2006 REGIONAL SOYBEAN TEST - Local Anova 53
ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=MILAN,TN TTYPE=UV -----

The ANOVA Procedure

Dependent Variable: YIELD

Table with 6 columns: Source, DF, Sum of Squares, Mean Square, F Value, Pr > F. Rows include Model, Error, and Corrected Total.

R-Square 0.582268
Coeff Var 5.514661
Root MSE 4.319384
YIELD Mean 78.32545

Table with 6 columns: Source, DF, Anova SS, Mean Square, F Value, Pr > F. Rows include REP and VARIETY.

2006 REGIONAL SOYBEAN TEST - Local Anova 54
ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=MILAN,TN TTYPE=UV -----

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 42

Error Mean Square 18.65707
 Critical Value of t 2.01808
 Least Significant Difference 7.1173

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	85.747	3	ALLEN
B	83.193	3	MD 01-206 RR
B	83.067	3	R01-976
B	82.480	3	S03-383RR
B	81.047	3	TN02-104RR
B	80.680	3	5601T
B	80.440	3	NCC01-256RR
B	80.320	3	DS-95-217-1-880
B	79.493	3	AG 5501RR
B	79.360	3	G03-1668 RR
B	79.093	3	R01-379
B	78.500	3	TN02-205
B	77.513	3	S03-328RR
B	77.253	3	5002T
F	77.093	3	JTN-5203

2006 REGIONAL SOYBEAN TEST - Local Anova 55
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=MILAN,TN TTYPE=UV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
F	76.993	3	JTN-033
F			
F			

F	B	D	E	C	76.647	3	V01-2245
F	B	D	E	C			
F	B	D	E	C	76.520	3	R01-4804RR
F		D	E	C			
F		D	E	C	74.860	3	R00-1940
F		D	E				
F		D	E		72.027	3	TN02-283
F			E				
F			E		70.800	3	R01-4752RR
F							
F					70.033	3	G03-2282 RR

2006 REGIONAL SOYBEAN TEST - Local Anova 56
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=ORANGE,VA TTYPE=UV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	22	5002T 5601T AG 5501RR ALLEN DS-95-217-1-880 G03-1668 RR G03-2282 RR JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283 V01-2245
REP	3	1 2 3

Number of Observations Read 66
 Number of Observations Used 66

2006 REGIONAL SOYBEAN TEST - Local Anova 57
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=ORANGE,VA TTYPE=UV -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	23	1405.942153	61.127920	4.24	<.0001
Error	42	605.704885	14.421545		
Corrected Total	65	2011.647038			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.698901	7.908930	3.797571	48.01624

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	15.333785	7.666893	0.53	0.5915
VARIETY	21	1390.608367	66.219446	4.59	<.0001

2006 REGIONAL SOYBEAN TEST - Local Anova 58
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=ORANGE,VA TTYPE=UV -----

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 42
 Error Mean Square 14.42154
 Critical Value of t 2.01808
 Least Significant Difference 6.2575

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	A	56.201	3	G03-1668 RR
	A			
B	A	55.103	3	R01-379
B	A			
B	A C	54.493	3	5002T
B	A C			
B	D A C	53.534	3	R01-976
B	D A C			
E	B D A C	52.582	3	V01-2245
E	B D A C			
E	B D A C	51.948	3	JTN-033
E	B D A C			
E	B D A C F	50.297	3	S03-383RR
E	B D C F			
E	B D G C F	49.874	3	TN02-104RR
E	B D G C F			
E	B D G C F	49.190	3	ALLEN
E	B D G C F			
E	B D G C F	49.142	3	5601T
E	D G C F			
E	H D G C F	48.426	3	JTN-5203
E	H D G F			
E	H D G F	48.141	3	R01-4804RR
E	H D G F			
E	H D G I F	48.044	3	TN02-205

E	H		G	I	F			
E	H	J	G	I	F	46.807	3	DS-95-217-1-880
	H	J	G	I	F			
	H	J	G	I	F	44.262	3	S03-328RR

2006 REGIONAL SOYBEAN TEST - Local Anova 59
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=ORANGE,VA TTYPE=UV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY
H	J	G	I			
H	J	G	I	44.034	3	NCC01-256RR
H	J	G	I			
H	J	G	I	43.749	3	R01-4752RR
H	J		I			
H	J		I	42.708	3	AG 5501RR
H	J		I			
H	J		I	42.578	3	TN02-283
H	J		I			
H	J		I	42.391	3	R00-1940
	J		I			
	J		I	41.805	3	G03-2282 RR
	J					
	J			41.049	3	MD 01-206 RR

2006 REGIONAL SOYBEAN TEST - Local Anova 60
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	22	5002T 5601T AG 5501RR ALLEN DS-95-217-1-880 G03-1668 RR G03-2282 RR JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283 V01-2245
REP	3	1 2 3

Number of Observations Read 66
 Number of Observations Used 61

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

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	23	1236.185788	53.747208	1.24	0.2707
Error	37	1598.365690	43.199073		
Corrected Total	60	2834.551477			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.436113	8.756319	6.572600	75.06123

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	265.0124252	132.5062126	3.07	0.0585
VARIETY	21	971.1733625	46.2463506	1.07	0.4164

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

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	37
Error Mean Square	43.19907
Critical Value of t	2.02619
Least Significant Difference	11.475
Harmonic Mean of Cell Sizes	2.693878

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
------------	------	---	---------

	A		83.829	3	JTN-5203
	A				
B	A		81.245	3	V01-2245
B	A				
B	A	C	79.178	2	5601T
B	A	C			
B	A	C	78.600	3	JTN-033
B	A	C			
B	A	C	77.982	3	NCC01-256RR
B	A	C			
B	A	C	77.072	3	ALLEN
B	A	C			
B	A	C	76.999	3	TN02-104RR
B	A	C			
B	A	C	76.729	3	MD 01-206 RR
B	A	C			
B	A	C	76.668	3	DS-95-217-1-880
B	A	C			
B	A	C	76.611	3	G03-1668 RR
B	A	C			
B	A	C	76.196	3	R01-976
B	A	C			
B	A	C	74.452	2	R01-379
B	A	C			
B	A	C	74.292	3	AG 5501RR
B	A	C			

2006 REGIONAL SOYBEAN TEST - Local Anova 63
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

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

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
B A C	72.977	3	TN02-205
B A C			
B A C	72.713	3	R01-4804RR
B A C			
B A C	72.360	3	S03-328RR
B C			
B C	71.562	2	G03-2282 RR
B C			
B C	70.795	2	S03-383RR
B C			
B C	70.748	3	5002T
B C			
B C	70.394	3	R00-1940
C			
C	68.352	2	TN02-283
C			

C 67.939 3 R01-4752RR

2006 REGIONAL SOYBEAN TEST - Local Anova 64
ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=PITTSBURG,KS TTYPE=UV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	22	5002T 5601T AG 5501RR ALLEN DS-95-217-1-880 G03-1668 RR G03-2282 RR JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283 V01-2245
REP	3	1 2 3

Number of Observations Read 66
Number of Observations Used 66

2006 REGIONAL SOYBEAN TEST - Local Anova 65
ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=PITTSBURG,KS TTYPE=UV -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	23	581.1840909	25.2688735	2.88	0.0015
Error	42	369.0003030	8.7857215		
Corrected Total	65	950.1843939			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.611654	8.922633	2.964072	33.21970

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	45.2730303	22.6365152	2.58	0.0880
VARIETY	21	535.9110606	25.5195743	2.90	0.0016

2006 REGIONAL SOYBEAN TEST - Local Anova 66
ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=PITTSBURG,KS TTYPE=UV -----

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 42
Error Mean Square 8.785722
Critical Value of t 2.01808
Least Significant Difference 4.8841

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
	38.833	3	TN02-283
	38.700	3	TN02-104RR
B	36.567	3	R00-1940
B	35.500	3	ALLEN
B	35.133	3	JTN-5203
B	35.033	3	G03-1668 RR
B	34.567	3	5002T
B	33.933	3	G03-2282 RR
B	33.667	3	NCC01-256RR
F	33.267	3	AG 5501RR
F	33.233	3	R01-379
F	33.133	3	DS-95-217-1-880
F	33.033	3	R01-4804RR
F	33.033	3	S03-383RR
F	32.467	3	5601T

2006 REGIONAL SOYBEAN TEST - Local Anova 67
ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=PITTSBURG,KS TTYPE=UV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY
F	D	E	C			
F	D	E	C	32.167	3	S03-328RR
F	D	E	C			
F	D	E	C	32.100	3	R01-976
F	D	E				
F	D	E	G	31.233	3	R01-4752RR
F	D	E	G			
F	D	E	G	30.667	3	TN02-205
F		E	G			
F		E	G	28.867	3	MD 01-206 RR
F			G			
F			G	28.600	3	V01-2245
			G			
			G	27.100	3	JTN-033

2006 REGIONAL SOYBEAN TEST - Local Anova 68
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	22	5002T 5601T AG 5501RR ALLEN DS-95-217-1-880 G03-1668 RR G03-2282 RR JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283 V01-2245
REP	3	1 2 3

Number of Observations Read 66
 Number of Observations Used 66

2006 REGIONAL SOYBEAN TEST - Local Anova 69
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

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

The ANOVA Procedure

Dependent Variable: YIELD

Sum of

Source	DF	Squares	Mean Square	F Value	Pr > F
Model	23	1804.442355	78.454015	3.38	0.0003
Error	42	975.712415	23.231248		
Corrected Total	65	2780.154770			

R-Square Coeff Var Root MSE YIELD Mean
0.649044 9.421820 4.819880 51.15658

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	53.262318	26.631159	1.15	0.3275
VARIETY	21	1751.180037	83.389526	3.59	0.0002

2006 REGIONAL SOYBEAN TEST - Local Anova 70
ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

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

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 42
Error Mean Square 23.23125
Critical Value of t 2.01808
Least Significant Difference 7.942

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	58.580	3	S03-328RR
A			
A	58.445	3	5601T
A			
A	58.280	3	JTN-033
A			
B	57.681	3	JTN-5203
B			
B	56.172	3	AG 5501RR
B			
B	54.622	3	5002T
B			
B	54.364	3	TN02-104RR
B			

E	B	D	A	C						
E	B	D	A	C	F	53.475	3	TN02-205		
E	B	D	A	C	F					
E	B	D	A	C	F	53.082	3	ALLEN		
E	B	D	A	C	F					
E	B	D	A	C	F	52.442	3	NCC01-256RR		
E	B	D	A	C	F					
E	B	D	A	C	F	52.163	3	V01-2245		
E	B	D	A	C	F					
E	B	D	A	G	C	F	51.584	3	S03-383RR	
E	B	D	A	G	C	F				
E	B	D	A	G	C	F	51.150	3	MD 01-206 RR	
E	B	D		G	C	F				
E	B	D	H	G	C	F	50.199	3	R01-976	
E		D	H	G	C	F				
E		D	H	G	C	F	48.556	3	DS-95-217-1-880	

2006 REGIONAL SOYBEAN TEST - Local Anova 71
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

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

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 G F			
E	I D H G F	47.895	3	G03-1668 RR
E	I D H G F			
E	I D H G F	47.099	3	R01-379
E	I H G F			
E	I H G F	46.645	3	R01-4804RR
	I H G F			
	I H G F	46.273	3	R01-4752RR
	I H G			
	I H G	43.710	3	G03-2282 RR
	I H			
	I H	42.615	3	TN02-283
	I			
	I	40.414	3	R00-1940

2006 REGIONAL SOYBEAN TEST - Local Anova 72
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

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

The ANOVA Procedure

Class Level Information

Class Levels Values

VARIETY 22 5002T 5601T AG 5501RR ALLEN DS-95-217-1-880 G03-1668 RR G03-2282 RR
 JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR
 R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283
 V01-2245

REP 3 1 2 3

Number of Observations Read 66
 Number of Observations Used 66

2006 REGIONAL SOYBEAN TEST - Local Anova 73
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

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

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	23	1495.754488	65.032804	4.92	<.0001
Error	42	555.711881	13.231235		
Corrected Total	65	2051.466369			

R-Square 0.729115
 Coeff Var 6.479662
 Root MSE 3.637476
 YIELD Mean 56.13683

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	45.511351	22.755676	1.72	0.1915
VARIETY	21	1450.243136	69.059197	5.22	<.0001

2006 REGIONAL SOYBEAN TEST - Local Anova 74
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

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

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 42
 Error Mean Square 13.23124

Critical Value of t 2.01808
 Least Significant Difference 5.9937

Means with the same letter are not significantly different.

	t Grouping	Mean	N	VARIETY
	A	63.960	3	S03-328RR
	A			
	A	63.214	3	JTN-5203
	A			
B	A	62.033	3	5002T
B	A			
B	A C	61.311	3	S03-383RR
B	A C			
B D	A C	60.893	3	G03-1668 RR
B D	A C			
B D	A C	60.360	3	R01-976
B D	A C			
E B D	A C	59.999	3	V01-2245
E B D	A C			
E B D	A C	59.475	3	5601T
E B D	A C			
E B D	A C F	58.236	3	DS-95-217-1-880
E B D	C F			
E B D	G C F	56.539	3	AG 5501RR
E B D	G C F			
E B D	G C F	56.441	3	ALLEN
E D	G C F			
E H D	G C F	55.867	3	R01-379
E H D	G F			
E H D	G I F	55.022	3	R01-4804RR
E H	G I F			
E H	G I F	54.235	3	TN02-283
H	G I F			
H	G I F	53.251	3	MD 01-206 RR

2006 REGIONAL SOYBEAN TEST - Local Anova 75
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

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

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

	t Grouping	Mean	N	VARIETY
H	G I F			
H	G I F	53.234	3	TN02-205
H	G I			
H	G I	51.283	3	JTN-033

H	G	I			
H	G	I	50.848	3	R00-1940
H		I			
H		I	50.143	3	TN02-104RR
H		I			
H		I	49.889	3	R01-4752RR
		I			
		I	49.659	3	NCC01-256RR
		I			
		I	49.118	3	G03-2282 RR

2006 REGIONAL SOYBEAN TEST - Local Anova 76
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=PORTAGEVILLE,MO(B) TTYPE=UV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	22	5002T 5601T AG 5501RR ALLEN DS-95-217-1-880 G03-1668 RR G03-2282 RR JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283 V01-2245
REP	3	1 2 3

Number of Observations Read 66
 Number of Observations Used 66

2006 REGIONAL SOYBEAN TEST - Local Anova 77
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=PORTAGEVILLE,MO(B) TTYPE=UV -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	23	2702.998945	117.521693	9.77	<.0001
Error	42	505.248396	12.029724		
Corrected Total	65	3208.247341			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.842516	5.512698	3.468389	62.91636

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	68.411816	34.205908	2.84	0.0695
VARIETY	21	2634.587129	125.456530	10.43	<.0001

2006 REGIONAL SOYBEAN TEST - Local Anova 78
ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=PORTAGEVILLE,MO(B) TTYPE=UV -----

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 42
Error Mean Square 12.02972
Critical Value of t 2.01808
Least Significant Difference 5.7151

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	79.179	3	S03-328RR
B	71.668	3	5002T
B			
C B	68.035	3	R01-976
C B			
C B	68.019	3	S03-383RR
C B			
C B	67.445	3	R00-1940
C B			
C B	66.928	3	JTN-5203
C B			
C B	66.855	3	R01-4804RR
C B			
C B	66.773	3	AG 5501RR
C B			
C D	65.838	3	G03-1668 RR
C D			
C D	65.264	3	5601T
C D			
C D E	64.181	3	V01-2245
C D E			
C F D E	62.336	3	R01-4752RR
F D E			
G F D E	60.573	3	TN02-104RR
G F D E			

G	F	D	E	60.467	3	JTN-033
G	F	D	E			
G	F	D	E	60.418	3	R01-379

2006 REGIONAL SOYBEAN TEST - Local Anova 79
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=PORTAGEVILLE,MO(B) TTYPE=UV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY
G	F		E			
G	F	H	E	58.548	3	MD 01-206 RR
G	F	H				
G	F	H		58.228	3	NCC01-256RR
G		H				
G		H		56.350	3	ALLEN
		H				
		H		54.661	3	G03-2282 RR
		H				
		H		54.382	3	TN02-205
		H				
		H		54.333	3	DS-95-217-1-880
		H				
		H		53.677	3	TN02-283

2006 REGIONAL SOYBEAN TEST - Local Anova 80
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=PRINCETON,KY TTYPE=UV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	22	5002T 5601T AG 5501RR ALLEN DS-95-217-1-880 G03-1668 RR G03-2282 RR JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283 V01-2245
REP	3	1 2 3

Number of Observations Read 66
 Number of Observations Used 66

2006 REGIONAL SOYBEAN TEST - Local Anova 81

----- LOCATION=PRINCETON,KY TTYPE=UV -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	23	2088.203333	90.791449	4.21	<.0001
Error	42	906.647576	21.586847		
Corrected Total	65	2994.850909			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.697265	8.345495	4.646165	55.67273

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	486.919091	243.459545	11.28	0.0001
VARIETY	21	1601.284242	76.251631	3.53	0.0002

2006 REGIONAL SOYBEAN TEST - Local Anova 82
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=PRINCETON,KY TTYPE=UV -----

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	42
Error Mean Square	21.58685
Critical Value of t	2.01808
Least Significant Difference	7.6557

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	64.433	3	V01-2245
A			
B	63.800	3	5601T
B			

	B		A	C	62.933	3	5002T			
	B		A	C						
	B	D	A	C	61.667	3	S03-383RR			
	B	D	A	C						
E	B	D	A	C	60.567	3	R01-976			
E	B	D	A	C						
E	B	D	A	C	F	59.033	3	TN02-205		
E	B	D	A	C	F					
E	B	D	A	C	F	58.933	3	TN02-104RR		
E	B	D	A	C	F					
E	B	D	A	G	C	F	58.333	3	AG 5501RR	
E	B	D	A	G	C	F				
E	B	D	H	A	G	C	F	57.100	3	R00-1940
E	B	D	H		G	C	F			
E	B	D	H	I	G	C	F	56.667	3	ALLEN
E		D	H	I	G	C	F			
E		D	H	I	G	C	F	55.400	3	R01-379
E		D	H	I	G		F			
E		D	H	I	G		F	55.200	3	MD 01-206 RR
E			H	I	G		F			
E	J		H	I	G		F	53.733	3	R01-4804RR
E	J		H	I	G		F			
E	J		H	I	G		F	53.533	3	DS-95-217-1-880
	J		H	I	G		F			
	J		H	I	G		F	52.400	3	JTN-5203

2006 REGIONAL SOYBEAN TEST - Local Anova 83
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=PRINCETON,KY TTYPE=UV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

	t Grouping				Mean	N	VARIETY
J	H	I	G	F			
J	H	I	G	F	51.900	3	JTN-033
J	H	I	G				
J	H	I	G		51.200	3	G03-1668 RR
J	H	I	G				
J	H	I	G		51.167	3	NCC01-256RR
J	H	I					
J	H	I			50.533	3	R01-4752RR
J		I					
J		I			49.400	3	TN02-283
J		I					
J		I			49.400	3	S03-328RR
J							
J					47.467	3	G03-2282 RR

2006 REGIONAL SOYBEAN TEST - Local Anova 84
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=QUEENSTOWN,MD TTYPE=UV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	22	5002T 5601T AG 5501RR ALLEN DS-95-217-1-880 G03-1668 RR G03-2282 RR JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283 V01-2245
REP	3	1 2 3

Number of Observations Read 66
Number of Observations Used 66

2006 REGIONAL SOYBEAN TEST - Local Anova 85
ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=QUEENSTOWN,MD TTYPE=UV -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	23	1686.213655	73.313637	5.83	<.0001
Error	42	528.377557	12.580418		
Corrected Total	65	2214.591212			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.761411	11.04116	3.546888	32.12424

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	34.025360	17.012680	1.35	0.2697
VARIETY	21	1652.188295	78.675633	6.25	<.0001

2006 REGIONAL SOYBEAN TEST - Local Anova 86
ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=QUEENSTOWN,MD TTYPE=UV -----

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 42
 Error Mean Square 12.58042
 Critical Value of t 2.01808
 Least Significant Difference 5.8444

Means with the same letter are not significantly different.

t	Grouping	Mean	N	VARIETY
	A	39.375	3	5601T
	A			
B	A	37.342	3	R01-379
B	A			
B	A	37.300	3	JTN-5203
B	A			
B	A C	36.175	3	G03-1668 RR
B	A C			
B	D A C	36.008	3	TN02-283
B	D A C			
B	D A C	35.867	3	R00-1940
B	D A C			
E	B D A C	34.775	3	ALLEN
E	B D A C			
E	B D A C	34.400	3	V01-2245
E	B D A C			
E	B D A C	34.000	3	DS-95-217-1-880
E	B D A C			
E	B D A C	33.983	3	5002T
E	B D A C			
E	B D A C	33.883	3	S03-383RR
E	B D C			
E	B D F C	33.350	3	JTN-033
E	B D F C			
E	B D F C	33.242	3	MD 01-206 RR
E	D F C			
E	G D F C	31.267	3	AG 5501RR
E	G D F C			
E	G D F C	31.125	3	TN02-104RR

2006 REGIONAL SOYBEAN TEST - Local Anova 87
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=QUEENSTOWN,MD TTYPE=UV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping					Mean	N	VARIETY
E	G	D	F	C			
E	G	D	F	C	31.000	3	R01-4804RR
E	G	D	F				
E	G	D	F		30.325	3	R01-976
E	G		F				
E	G		F		28.933	3	S03-328RR
	G		F				
	G		F	H	27.717	3	NCC01-256RR
	G			H			
	G			H	26.592	3	R01-4752RR
				H			
			I	H	22.775	3	G03-2282 RR
			I				
			I		17.300	3	TN02-205

2006 REGIONAL SOYBEAN TEST - Local Anova 88
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=ROHWER,AR TTYPE=UV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	22	5002T 5601T AG 5501RR ALLEN DS-95-217-1-880 G03-1668 RR G03-2282 RR JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283 V01-2245
REP	3	1 2 3

Number of Observations Read 66
 Number of Observations Used 65

2006 REGIONAL SOYBEAN TEST - Local Anova 89
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=ROHWER,AR TTYPE=UV -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	23	5515.356772	239.798121	2.54	0.0045

Error	41	3869.268057	94.372392
Corrected Total	64	9384.624828	

R-Square	Coeff Var	Root MSE	YIELD Mean
0.587701	17.25270	9.714545	56.30740

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	1870.018886	935.009443	9.91	0.0003
VARIETY	21	3645.337885	173.587518	1.84	0.0470

2006 REGIONAL SOYBEAN TEST - Local Anova 90
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=ROHWER,AR TTYPE=UV -----

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	41
Error Mean Square	94.37239
Critical Value of t	2.01954
Least Significant Difference	16.2
Harmonic Mean of Cell Sizes	2.933333

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	72.167	3	TN02-104RR
B	66.500	3	R01-976
B	61.953	3	R01-379
B	61.264	3	JTN-033
B	61.219	3	G03-2282 RR
B	61.163	3	G03-1668 RR
B	60.021	3	5002T

E	B	D	A	C	58.677	3	TN02-283
E	B	D	A	C			
E	B	D	A	C	58.397	3	ALLEN
E	B	D	A	C			
E	B	D	A	C	57.658	3	V01-2245
E	B	D	A	C			
E	B	D	A	C	57.434	3	AG 5501RR
E	B	D	A	C			
E	B	D	A	C	57.282	3	MD 01-206 RR
E	B	D	A	C			
E	B	D	A	C	57.226	3	5601T
E	B	D	A	C			

2006 REGIONAL SOYBEAN TEST - Local Anova 91
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=ROHWER,AR TTYPE=UV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping					Mean	N	VARIETY
E	B	D	A	C	56.622	3	R01-4804RR
E	B	D		C			
E	B	D		C	54.001	3	JTN-5203
E	B	D		C			
E	B	D		C	53.620	3	R01-4752RR
E	B	D		C			
E	B	D	F	C	53.217	3	TN02-205
E	B	D	F	C			
E	B	D	F	C	52.814	3	R00-1940
E		D	F	C			
E		D	F	C	48.871	3	DS-95-217-1-880
E		D	F				
E		D	F		45.150	2	S03-383RR
E			F				
E			F		42.672	3	S03-328RR
E			F				
E			F		37.117	3	NCC01-256RR

2006 REGIONAL SOYBEAN TEST - Local Anova 92
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=STONEVILLE,MS TTYPE=UV -----

The ANOVA Procedure

Class Level Information

Class Levels Values

VARIETY 22 5002T 5601T AG 5501RR ALLEN DS-95-217-1-880 G03-1668 RR G03-2282 RR
 JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR
 R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283
 V01-2245

REP 3 1 2 3

Number of Observations Read 66
 Number of Observations Used 66

2006 REGIONAL SOYBEAN TEST - Local Anova 93
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=STONEVILLE,MS TTYPE=UV -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	23	2464.309469	107.143890	9.81	<.0001
Error	42	458.789364	10.923556		
Corrected Total	65	2923.098833			

R-Square 0.843047
 Coeff Var 7.423894
 Root MSE 3.305080
 YIELD Mean 44.51950

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	43.804464	21.902232	2.01	0.1473
VARIETY	21	2420.505005	115.262143	10.55	<.0001

2006 REGIONAL SOYBEAN TEST - Local Anova 94
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=STONEVILLE,MS TTYPE=UV -----

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 42
 Error Mean Square 10.92356
 Critical Value of t 2.01808

Least Significant Difference 5.446

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	54.978	3	V01-2245
B A	53.548	3	JTN-033
B A C	52.327	3	MD 01-206 RR
B A C	50.457	3	5601T
B D C	48.884	3	JTN-5203
B D C	48.840	3	TN02-205
B D E C	48.675	3	R01-4804RR
F D E C	47.740	3	R01-379
F D E C	47.157	3	R01-4752RR
F D E G	46.387	3	DS-95-217-1-880
H F D E G	45.727	3	R01-976
H F D E G	45.012	3	TN02-104RR
H F I E G	43.318	3	5002T
H F I J G	42.977	3	R00-1940
H I J G	41.250	3	ALLEN

2006 REGIONAL SOYBEAN TEST - Local Anova 95
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=STONEVILLE,MS TTYPE=UV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
H I J	40.920	3	TN02-283
H I J	40.733	3	AG 5501RR

K	I	J	38.995	3	NCC01-256RR
K	I	J			
K	I	J	38.258	3	S03-328RR
K		J			
K		J	37.851	3	G03-1668 RR
K					
K		L	34.529	3	G03-2282 RR
		L			
		L	30.866	3	S03-383RR

2006 REGIONAL SOYBEAN TEST - Local Anova 96
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=SUFFOLK,VA TTYPE=UV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	22	5002T 5601T AG 5501RR ALLEN DS-95-217-1-880 G03-1668 RR G03-2282 RR JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283 V01-2245
REP	3	1 2 3

Number of Observations Read 66
 Number of Observations Used 66

2006 REGIONAL SOYBEAN TEST - Local Anova 97
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=SUFFOLK,VA TTYPE=UV -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	23	1304.696095	56.725917	0.83	0.6805
Error	42	2877.077003	68.501833		
Corrected Total	65	4181.773098			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.311996	18.96118	8.276583	43.65015

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	124.630330	62.315165	0.91	0.4104
VARIETY	21	1180.065765	56.193608	0.82	0.6813

2006 REGIONAL SOYBEAN TEST - Local Anova 98
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=SUFFOLK,VA TTYPE=UV -----

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 42
 Error Mean Square 68.50183
 Critical Value of t 2.01808
 Least Significant Difference 13.638

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	49.837	3	ALLEN
A			
A	49.687	3	R01-976
A			
B A	49.247	3	JTN-5203
B A			
B A	48.463	3	R01-379
B A			
B A	47.220	3	R00-1940
B A			
B A	46.120	3	NCC01-256RR
B A			
B A	45.967	3	G03-1668 RR
B A			
B A	45.860	3	R01-4804RR
B A			
B A	45.570	3	V01-2245
B A			
B A	45.310	3	MD 01-206 RR
B A			
B A	45.290	3	AG 5501RR
B A			
B A	44.233	3	S03-328RR
B A			
B A	43.750	3	JTN-033
B A			
B A	42.573	3	S03-383RR

B A
 B A 42.327 3 TN02-104RR

2006 REGIONAL SOYBEAN TEST - Local Anova 99
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=SUFFOLK,VA TTYPE=UV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
B A			
B A	41.113	3	5002T
B A			
B A	40.997	3	DS-95-217-1-880
B A			
B A	39.987	3	5601T
B A			
B A	37.660	3	TN02-205
B A			
B A	36.957	3	G03-2282 RR
B A			
B A	36.313	3	R01-4752RR
B			
B	35.823	3	TN02-283

2006 REGIONAL SOYBEAN TEST - Local Anova 100
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=ULLIN,IL TTYPE=UV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	22	5002T 5601T AG 5501RR ALLEN DS-95-217-1-880 G03-1668 RR G03-2282 RR JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283 V01-2245
REP	3	1 2 3

Number of Observations Read 66
 Number of Observations Used 66

2006 REGIONAL SOYBEAN TEST - Local Anova 101
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=ULLIN,IL TTYPE=UV -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	23	2151.510753	93.543946	3.85	<.0001
Error	42	1021.206055	24.314430		
Corrected Total	65	3172.716808			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.678129	8.613051	4.930966	57.24994

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	65.542617	32.771309	1.35	0.2708
VARIETY	21	2085.968136	99.331816	4.09	<.0001

2006 REGIONAL SOYBEAN TEST - Local Anova 102
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=ULLIN,IL TTYPE=UV -----

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	42
Error Mean Square	24.31443
Critical Value of t	2.01808
Least Significant Difference	8.125

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	68.325	3	JTN-5203
A			
B	67.333	3	TN02-104RR
B			
B	67.024	3	DS-95-217-1-880
A C			

B		A	C			
B	D	A	C	62.085	3	ALLEN
B	D	A	C			
B	D	A	C	61.403	3	5002T
B	D		C			
B	D	E	C	59.467	3	AG 5501RR
B	D	E	C			
B	D	E	C	59.371	3	S03-328RR
	D	E	C			
	D	E	C	59.205	3	5601T
	D	E				
	D	E		58.160	3	JTN-033
	D	E				
F	D	E		58.037	3	R01-976
F	D	E				
F	D	E		57.851	3	R01-379
F	D	E				
F	D	E		56.299	3	V01-2245
F	D	E				
F	D	E		55.861	3	R00-1940
F	D	E				
F	D	E		55.472	3	G03-1668 RR
F	D	E				
F	D	E		55.056	3	NCC01-256RR

2006 REGIONAL SOYBEAN TEST - Local Anova 103
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=ULLIN,IL TTYPE=UV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping			Mean	N	VARIETY
F	D	E			
F	D	E	54.864	3	MD 01-206 RR
F	D	E			
F	D	E	54.165	3	G03-2282 RR
F		E			
F		E G	52.037	3	TN02-283
F		E G			
F		E G	51.648	3	R01-4804RR
F		G			
F		G	50.021	3	TN02-205
F		G			
F		G	49.952	3	S03-383RR
		G			
		G	45.861	3	R01-4752RR

2006 REGIONAL SOYBEAN TEST - Local Anova 104
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=WARSAW,VA TTYPE=UV -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	22	5002T 5601T AG 5501RR ALLEN DS-95-217-1-880 G03-1668 RR G03-2282 RR JTN-033 JTN-5203 MD 01-206 RR NCC01-256RR R00-1940 R01-379 R01-4752RR R01-4804RR R01-976 S03-328RR S03-383RR TN02-104RR TN02-205 TN02-283 V01-2245
REP	3	1 2 3

Number of Observations Read 66
Number of Observations Used 66

2006 REGIONAL SOYBEAN TEST - Local Anova 105
ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=WARSAW,VA TTYPE=UV -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	23	2040.665620	88.724592	4.79	<.0001
Error	42	777.894659	18.521301		
Corrected Total	65	2818.560279			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.724010	8.846742	4.303638	48.64659

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	1200.519095	600.259548	32.41	<.0001
VARIETY	21	840.146525	40.006977	2.16	0.0167

2006 REGIONAL SOYBEAN TEST - Local Anova 106
ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=WARSAW,VA TTYPE=UV -----

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	42
Error Mean Square	18.5213
Critical Value of t	2.01808
Least Significant Difference	7.0913

Means with the same letter are not significantly different.

t	Grouping	Mean	N	VARIETY
	A	56.800	3	ALLEN
	A			
B	A	52.759	3	JTN-5203
B	A			
B	A	51.638	3	5601T
B	A			
B	A	51.326	3	DS-95-217-1-880
B	A			
B	A	50.650	3	MD 01-206 RR
B	A			
B	A	50.632	3	5002T
B	A			
B	A	50.508	3	S03-383RR
B	A			
B	A	50.356	3	JTN-033
B	A			
B	A C	50.258	3	R01-976
B	A C			
B	A C	50.027	3	R01-379
B	C			
B	D C	49.466	3	TN02-104RR
B	D C			
B	D C	49.101	3	G03-1668 RR
B	D C			
B	D C	48.932	3	S03-328RR
B	D C			
B	D C	48.639	3	TN02-283
B	D C			
B	D C	47.401	3	R01-4804RR

2006 REGIONAL SOYBEAN TEST - Local Anova 107
 ANALYSIS OF YIELD 09:42 Friday, February 16, 2007

----- LOCATION=WARSAW,VA TTYPE=UV -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY
B		D	C			
B	E	D	C	46.903	3	G03-2282 RR
B	E	D	C			
B	E	D	C	46.636	3	V01-2245
B	E	D	C			
B	E	D	C	46.360	3	R00-1940
B	E	D	C			
B	E	D	C	45.880	3	AG 5501RR
	E	D	C			
	E	D	C	43.227	3	TN02-205
	E	D				
	E	D		42.729	3	NCC01-256RR
	E					
	E			39.997	3	R01-4752RR