

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

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14:26 Friday, February 2, 2007

LOCATION	TTYPE	VARIETY	REP	CKDATE
BIXBY,OK(L)	PIVS	5002T	.	.
		5002T	1	.
		5002T	2	.
JACKSON,TN(L)	PIVS	5002T	.	09/25
		5002T	1	09/25
		5002T	2	09/25
MCCUNE,KS(L)	PIVS	5002T	.	.
		5002T	1	.
		5002T	2	.
PINE TREE,AR(L)	PIVS	5002T	.	09/26
		5002T	1	09/25
		5002T	2	09/27
PITTSBURG,KS(L)	PIVS	5002T	.	.
		5002T	1	.
		5002T	2	.
PLYMOUTH,NC(L)	PIVS	5002T	.	10/09
		5002T	1	10/10
		5002T	2	10/08
PORTAGEVILLE,MO(L)	PIVS	5002T	.	09/18
		5002T	1	09/18
		5002T	2	.
PRINCETON,KY(L)	PIVS	5002T	.	.
		5002T	1	.
		5002T	2	.
QUEENSTOWN,MD(L)	PIVS	5002T	.	10/21
		5002T	1	10/21
		5002T	2	10/21
ROHWER,AR(L)	PIVS	5002T	.	09/24
		5002T	1	09/26
		5002T	2	09/23
STONEVILLE,MS(L)	PIVS	5002T	.	09/26
		5002T	1	09/26
		5002T	2	.
ULLIN,IL(L)	PIVS	5002T	.	10/08

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

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14:26 Friday, February 2, 2007

LOCATION	TTYPE	VARIETY	REP	CKDATE
ULLIN, IL(L)	PIVS	5002T	1	10/07
		5002T	2	10/09
WARSAW, VA(L)	PIVS	5002T	.	10/15
		5002T	1	10/15
		5002T	2	10/15

2006 REGIONAL SOYBEAN TEST - Local Anova 3
LIST OF VARIETY MEANS 14:26 Friday, February 2, 2007

----- LOCATION=BIXBY,OK(L) TTYPE=PIVS -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5002T	2	39.264	.	.	.	.	16.7	40.0	18.9
2	DK 4866	2	27.296	.	.	.	.	18.6	40.7	18.4
3	AG 4403	2	26.464	.	.	.	.	16.2	40.0	19.6
4	AG 4903	2	37.104	.	.	.	.	16.7	40.1	20.0
5	JTN-4106	2	32.336	.	.	.	.	18.0	39.3	19.5
6	K04-2713RR	2	30.000	.	.	.	.	17.1	41.9	18.4
7	K04-3083RR	2	36.928	.	.	.	.	15.6	40.1	19.5
8	K04-4267RR	2	30.048	.	.	.	.	13.9	40.5	19.2
9	K04-4274RR	2	29.088	.	.	.	.	14.8	40.6	18.8
10	K04-4553RR	2	31.184	.	.	.	.	15.0	38.5	20.2
11	LS03-4303	2	27.696	.	.	.	.	16.1	43.3	16.0
12	LS03-4953	2	21.248	.	.	.	.	13.6	43.0	17.3
13	LS03-5236	2	24.128	.	.	.	.	15.8	40.6	17.9
14	LS03-5898	2	30.240	.	.	.	.	16.4	42.0	17.1
15	LS03D-2825	2	18.912	.	.	.	.	17.0	40.5	17.4
16	MD 03-4 RR	2	27.168	.	.	.	.	14.8	39.6	19.7
17	MD 03-5517	2	19.520	.	.	.	.	17.0	45.7	16.3
18	MD 03-6420	2	33.264	.	.	.	.	17.2	38.7	18.6
19	MD 03-68 RR	2	30.704	.	.	.	.	13.8	37.6	19.9
20	MD 03-81 RR	2	24.960	.	.	.	.	15.0	40.0	19.6
21	R00-1170F	2	36.608	.	.	.	.	16.1	40.1	19.2
22	R00-2351F	2	30.768	.	.	.	.	15.0	41.2	19.0
23	R00-764	2	34.352	.	.	.	.	16.2	39.4	19.8
24	R03-818	2	31.712	.	.	.	.	20.4	40.1	17.9
25	R98-1692	2	25.984	.	.	.	.	16.6	42.8	18.2
26	S03-1904	2	28.880	.	.	.	.	17.2	42.3	19.3
27	S03-1906	2	31.856	.	.	.	.	16.7	39.4	20.7
28	S04-1195	2	27.184	.	.	.	.	18.4	42.9	18.1
29	S04-4510	2	28.320	.	.	.	.	21.0	40.8	18.7
30	S04-5963	2	30.528	.	.	.	.	16.8	39.6	19.3
31	S04-6013	2	25.616	.	.	.	.	14.7	38.1	19.8
32	TN02-064RR	2	33.568	.	.	.	.	13.6	39.4	20.1
33	TN02-200	2	23.024	.	.	.	.	17.6	42.1	17.4
34	TN03-233	2	25.264	.	.	.	.	16.7	42.0	17.5
35	TN03-234	2	43.472	.	.	.	.	17.2	39.9	17.3

2006 REGIONAL SOYBEAN TEST - Local Anova 4
LIST OF VARIETY MEANS 14:26 Friday, February 2, 2007

----- LOCATION=JACKSON,TN(L) TTYPE=PIVS -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5002T	2	30.576	0.0	1	15.0	1.5	12.5	.	.
2	DK 4866	2	36.392	-3.0	1	31.5	2.0	13.0	.	.
3	AG 4403	2	33.352	-1.5	1	30.5	1.5	12.0	.	.
4	AG 4903	2	34.856	0.0	1	30.0	2.0	13.0	.	.
5	JTN-4106	2	30.728	1.0	1	25.5	1.5	12.5	.	.
6	K04-2713RR	2	27.632	0.5	1	30.0	2.5	12.5	.	.
7	K04-3083RR	2	35.368	4.5	1	38.0	2.0	11.5	.	.
8	K04-4267RR	2	26.816	2.0	1	18.0	1.0	11.0	.	.
9	K04-4274RR	2	33.944	-0.5	1	18.0	1.0	10.5	.	.
10	K04-4553RR	2	35.152	2.0	1	19.5	1.5	11.5	.	.
11	LS03-4303	2	19.072	-4.5	1	12.0	1.5	11.0	.	.
12	LS03-4953	2	21.784	-6.0	1	15.0	2.0	10.5	.	.
13	LS03-5236	2	27.440	2.0	1	18.5	2.0	12.0	.	.
14	LS03-5898	2	28.136	-1.5	1	31.0	2.0	12.5	.	.
15	LS03D-2825	2	18.032	-6.0	1	13.5	1.5	12.0	.	.
16	MD 03-4 RR	2	29.024	1.0	1	19.0	1.0	11.0	.	.
17	MD 03-5517	2	24.704	-1.5	1	27.0	2.0	12.5	.	.
18	MD 03-6420	2	30.800	1.0	1	33.5	2.5	13.5	.	.
19	MD 03-68 RR	2	16.880	-1.5	1	15.5	1.5	10.0	.	.
20	MD 03-81 RR	2	11.616	0.0	1	10.0	1.0	10.0	.	.
21	R00-1170F	2	25.368	5.5	1	33.5	1.5	11.0	.	.
22	R00-2351F	2	26.968	2.0	1	29.5	1.0	11.5	.	.
23	R00-764	2	28.016	0.5	1	16.5	1.5	11.5	.	.
24	R03-818	2	30.440	-3.0	1	22.0	2.0	12.5	.	.
25	R98-1692	2	28.832	3.0	1	25.5	2.0	12.5	.	.
26	S03-1904	2	27.424	0.0	1	25.0	1.5	11.5	.	.
27	S03-1906	2	18.368	3.5	1	24.0	2.0	11.5	.	.
28	S04-1195	2	20.928	0.0	1	33.5	2.0	12.5	.	.
29	S04-4510	2	28.440	4.0	1	30.5	2.0	13.0	.	.
30	S04-5963	2	25.080	3.0	1	29.0	2.0	12.0	.	.
31	S04-6013	2	32.600	-4.5	1	30.0	2.0	12.0	.	.
32	TN02-064RR	2	26.936	2.0	1	16.5	1.0	10.0	.	.
33	TN02-200	2	23.552	0.0	1	17.5	1.5	11.5	.	.
34	TN03-233	2	29.248	-6.0	1	15.5	1.5	12.5	.	.
35	TN03-234	2	28.480	0.0	1	18.5	2.0	13.0	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 5
LIST OF VARIETY MEANS 14:26 Friday, February 2, 2007

----- LOCATION=MCCUNE,KS(L) TTYPE=PIVS -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5002T	2	23.70	.	1	24.0	.	.	.	.
2	DK 4866	2	14.95	.	1	19.0	.	.	.	.
3	AG 4403	2	18.05	.	1	23.0	.	.	.	.
4	AG 4903	2	15.95	.	1	21.0	.	.	.	.
5	JTN-4106	2	14.30	.	1	24.5	.	.	.	.
6	K04-2713RR	2	16.95	.	1	22.5	.	.	.	.
7	K04-3083RR	2	19.15	.	1	22.5	.	.	.	.
8	K04-4267RR	2	18.00	.	1	23.5	.	.	.	.
9	K04-4274RR	2	17.60	.	1	21.0	.	.	.	.
10	K04-4553RR	2	16.40	.	1	18.0	.	.	.	.
11	LS03-4303	2	11.30	.	1	19.5	.	.	.	.
12	LS03-4953	2	18.00	.	1	20.5	.	.	.	.

13	LS03-5236	2	16.45	.	1	21.0	.	.	.	.
14	LS03-5898	2	17.10	.	1	27.0	.	.	.	.
15	LS03D-2825	2	9.90	.	1	20.0	.	.	.	.
16	MD 03-4 RR	2	18.55	.	1	21.5	.	.	.	.
17	MD 03-5517	2	16.05	.	1	19.0	.	.	.	.
18	MD 03-6420	2	14.80	.	1	22.0	.	.	.	.
19	MD 03-68 RR	2	18.95	.	1	21.0	.	.	.	.
20	MD 03-81 RR	2	16.55	.	1	16.5	.	.	.	.
21	R00-1170F	2	21.10	.	1	27.5	.	.	.	.
22	R00-2351F	2	14.45	.	1	20.0	.	.	.	.
23	R00-764	2	18.60	.	1	22.0	.	.	.	.
24	R03-818	2	13.45	.	1	20.5	.	.	.	.
25	R98-1692	2	17.40	.	1	22.5	.	.	.	.
26	S03-1904	2	19.60	.	1	21.5	.	.	.	.
27	S03-1906	2	19.70	.	1	21.0	.	.	.	.
28	S04-1195	2	17.60	.	1	23.0	.	.	.	.
29	S04-4510	2	14.55	.	1	22.0	.	.	.	.
30	S04-5963	2	19.55	.	1	25.0	.	.	.	.
31	S04-6013	2	19.15	.	1	24.5	.	.	.	.
32	TN02-064RR	2	15.00	.	1	21.5	.	.	.	.
33	TN02-200	2	14.50	.	1	21.0	.	.	.	.
34	TN03-233	2	18.50	.	1	21.0	.	.	.	.
35	TN03-234	2	19.90	.	1	22.0	.	.	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 6
LIST OF VARIETY MEANS 14:26 Friday, February 2, 2007

----- LOCATION=PINE TREE,AR(L) TTYPE=PIVS -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5002T	2	70.0792	0.0	2.25	28.5	2.50	16.55	.	.
2	DK 4866	2	71.3513	-3.5	2.25	38.5	3.00	14.90	.	.
3	AG 4403	2	74.8224	-8.5	1.50	37.5	3.25	13.85	.	.
4	AG 4903	2	65.9256	-8.5	1.25	28.5	3.25	15.25	.	.
5	JTN-4106	2	61.6710	-2.0	1.75	36.0	2.75	15.70	.	.
6	K04-2713RR	2	69.4894	-5.5	2.50	42.0	3.00	16.10	.	.
7	K04-3083RR	2	80.9306	0.5	4.50	48.0	3.25	13.55	.	.
8	K04-4267RR	2	68.8323	-3.5	1.50	26.0	2.75	13.70	.	.
9	K04-4274RR	2	74.0979	-0.5	1.50	30.0	2.00	13.70	.	.
10	K04-4553RR	2	65.2601	-4.5	1.50	22.5	2.75	13.70	.	.
11	LS03-4303	2	57.4501	-8.0	1.50	17.5	2.50	13.65	.	.
12	LS03-4953	2	55.2343	-5.0	1.50	21.5	2.25	13.80	.	.
13	LS03-5236	2	60.7527	-6.5	2.00	35.0	2.50	13.80	.	.
14	LS03-5898	2	63.3476	-7.5	2.00	37.5	3.25	16.75	.	.
15	LS03D-2825	2	66.3132	-5.0	1.50	21.0	2.50	14.20	.	.
16	MD 03-4 RR	2	61.4941	-2.0	1.50	26.0	2.25	12.30	.	.
17	MD 03-5517	2	52.7574	-7.5	2.50	34.5	2.50	17.10	.	.
18	MD 03-6420	2	58.8739	-1.5	2.50	39.0	2.50	17.70	.	.
19	MD 03-68 RR	2	57.6270	-3.0	1.50	27.5	2.00	11.75	.	.
20	MD 03-81 RR	2	56.5655	-1.5	2.00	30.5	1.75	14.05	.	.
21	R00-1170F	2	60.1040	0.5	3.25	39.5	2.75	13.60	.	.
22	R00-2351F	2	51.5947	-2.5	2.25	35.0	2.25	13.45	.	.
23	R00-764	2	66.3806	0.5	2.25	29.0	2.50	14.20	.	.
24	R03-818	2	62.5893	-3.5	2.25	30.5	2.50	17.80	.	.
25	R98-1692	2	56.0094	-5.0	1.75	33.0	2.50	14.95	.	.
26	S03-1904	2	65.7403	-2.0	2.00	38.5	2.50	14.85	.	.

27	S03-1906	2	56.8940	-4.5	2.25	33.0	2.00	15.40	.	.
28	S04-1195	2	62.6146	-6.0	2.25	39.0	2.75	16.70	.	.
29	S04-4510	2	59.2278	-3.5	2.75	40.0	3.00	18.10	.	.
30	S04-5963	2	66.7007	0.5	2.25	31.0	2.75	14.70	.	.
31	S04-6013	2	70.0455	-8.0	2.00	36.5	2.25	13.55	.	.
32	TN02-064RR	2	64.9652	2.0	2.25	27.5	2.75	12.20	.	.
33	TN02-200	2	45.9247	-0.5	1.75	27.0	2.75	15.60	.	.
34	TN03-233	2	56.5065	-3.0	1.00	23.5	2.50	16.30	.	.
35	TN03-234	2	64.1058	2.0	2.00	26.0	2.50	16.60	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 7
LIST OF VARIETY MEANS 14:26 Friday, February 2, 2007

----- LOCATION=PITTSBURG,KS(L) TTYPE=PIVS -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5002T	2	23.35	.	1.0	31.5	0.5	0.860	38.1	18.4
2	DK 4866	2	21.40	.	1.0	24.0	0.5	0.985	40.8	18.9
3	AG 4403	2	21.05	.	1.0	26.5	0.5	0.890	41.0	19.4
4	AG 4903	2	20.45	.	1.0	26.5	1.0	0.960	40.8	19.9
5	JTN-4106	2	23.55	.	2.0	37.0	1.0	0.860	41.2	18.3
6	K04-2713RR	2	29.65	.	1.0	33.0	1.0	0.810	40.9	18.5
7	K04-3083RR	2	32.15	.	1.0	34.0	0.5	0.625	40.0	19.7
8	K04-4267RR	2	20.80	.	1.0	29.5	0.5	0.675	.	.
9	K04-4274RR	2	18.40	.	1.0	25.5	0.5	0.620	40.9	18.8
10	K04-4553RR	2	29.70	.	1.0	26.0	0.5	0.705	38.3	19.5
11	LS03-4303	2	23.55	.	1.0	22.5	1.0	0.705	41.7	17.8
12	LS03-4953	2	20.15	.	1.0	26.0	0.5	0.720	42.1	18.5
13	LS03-5236	2	25.00	.	1.0	28.0	1.0	0.720	41.3	17.3
14	LS03-5898	2	26.95	.	1.5	34.5	1.0	0.770	41.5	18.5
15	LS03D-2825	2	27.20	.	1.0	27.0	1.0	0.885	41.2	15.9
16	MD 03-4 RR	2	27.25	.	2.0	33.0	0.5	0.680	39.8	18.9
17	MD 03-5517	2	16.25	.	1.0	23.0	1.0	0.780	44.8	17.8
18	MD 03-6420	2	23.30	.	1.0	29.5	1.5	0.845	39.3	17.5
19	MD 03-68 RR	2	23.15	.	2.0	30.5	1.0	0.660	38.1	18.5
20	MD 03-81 RR	2	21.35	.	1.0	23.5	1.0	0.655	39.6	19.4
21	R00-1170F	2	20.85	.	1.0	30.5	0.5	0.690	42.0	18.8
22	R00-2351F	2	24.65	.	1.0	29.0	0.5	0.685	37.6	19.6
23	R00-764	2	25.55	.	1.0	28.5	1.0	0.705	39.7	19.3
24	R03-818	2	22.85	.	1.0	29.5	1.0	0.895	39.2	18.2
25	R98-1692	2	27.90	.	1.0	28.5	1.0	0.820	43.0	19.1
26	S03-1904	2	21.40	.	1.0	25.0	0.5	0.695	40.3	19.8
27	S03-1906	2	24.25	.	1.0	25.0	0.5	0.860	40.3	20.1
28	S04-1195	2	28.55	.	1.0	29.5	0.5	0.940	41.9	18.7
29	S04-4510	2	30.15	.	1.0	29.5	0.5	0.840	42.5	18.1
30	S04-5963	2	21.45	.	1.0	28.0	0.5	0.690	41.3	18.4
31	S04-6013	2	22.10	.	1.0	26.5	0.5	0.750	39.1	20.2
32	TN02-064RR	2	29.35	.	1.0	34.0	0.5	0.535	41.0	18.1
33	TN02-200	2	21.70	.	1.0	25.5	1.0	0.705	40.9	18.1
34	TN03-233	2	25.15	.	1.0	27.0	0.5	0.905	41.2	17.9
35	TN03-234	2	27.55	.	1.0	27.0	0.5	0.765	38.0	17.6

2006 REGIONAL SOYBEAN TEST - Local Anova 8
LIST OF VARIETY MEANS 14:26 Friday, February 2, 2007

----- LOCATION=PLYMOUTH,NC(L) TTYPE=PIVS -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5002T	2	56.9592	0.0	2.50	31	1.25	15.310	42.5	19.9
2	DK 4866	2	55.2096	1.5	2.00	40	1.75	14.165	40.1	18.9
3	AG 4403	2	51.3410	-3.5	2.75	38	1.50	13.275	38.1	22.1
4	AG 4903	2	57.4063	4.5	2.00	39	1.25	14.845	40.1	20.5
5	JTN-4106	2	46.0728	0.5	2.00	35	1.50	15.755	41.2	20.1
6	K04-2713RR	2	45.5188	0.5	2.75	37	1.50	14.060	41.9	18.9
7	K04-3083RR	2	50.3982	6.0	3.25	44	1.75	12.760	42.8	19.4
8	K04-4267RR	2	49.7567	4.5	2.75	30	1.25	13.725	42.1	18.8
9	K04-4274RR	2	48.8722	4.0	2.50	30	1.50	13.185	41.8	19.0
10	K04-4553RR	2	56.4538	6.0	2.75	27	1.50	13.870	40.4	19.5
11	LS03-4303	2	63.4619	-0.5	1.50	24	1.25	12.585	42.4	19.4
12	LS03-4953	2	44.3232	-12.0	2.50	22	1.00	12.055	40.7	20.3
13	LS03-5236	2	52.3519	1.5	2.00	22	1.75	12.950	42.9	18.1
14	LS03-5898	2	46.1214	-2.0	3.25	40	1.50	13.460	39.3	19.2
15	LS03D-2825	2	56.9495	-8.0	1.75	24	1.00	13.700	39.9	19.3
16	MD 03-4 RR	2	52.8185	1.0	1.75	24	1.25	12.685	42.2	20.8
17	MD 03-5517	2	39.3660	-6.0	2.50	35	1.50	14.185	43.8	17.6
18	MD 03-6420	2	49.7858	2.0	2.00	41	1.50	15.710	41.8	18.4
19	MD 03-68 RR	2	48.1140	-0.5	2.00	27	1.00	12.805	40.4	20.3
20	MD 03-81 RR	2	55.5595	7.5	1.50	22	1.25	14.770	42.1	18.8
21	R00-1170F	2	45.2855	6.0	3.00	44	1.25	13.735	43.3	18.6
22	R00-2351F	2	41.4752	5.0	2.25	36	1.50	13.320	42.1	19.1
23	R00-764	2	53.8780	7.5	1.50	28	1.25	14.755	38.8	20.3
24	R03-818	2	48.6097	2.0	2.50	26	2.00	17.305	40.2	20.9
25	R98-1692	2	45.0133	1.0	1.75	34	1.25	15.045	42.5	19.5
26	S03-1904	2	50.7481	3.5	2.25	35	1.50	15.475	42.8	18.9
27	S03-1906	2	48.2792	2.5	1.75	32	1.50	15.055	42.6	20.2
28	S04-1195	2	48.4153	1.0	1.75	36	1.50	14.995	41.3	19.4
29	S04-4510	2	46.3158	5.5	2.50	42	2.75	17.715	43.1	18.2
30	S04-5963	2	53.4308	4.5	2.00	34	1.75	13.870	38.5	19.6
31	S04-6013	2	48.4348	-2.0	3.00	37	1.00	12.190	37.9	22.0
32	TN02-064RR	2	53.9363	6.5	2.00	31	1.00	12.135	43.8	17.9
33	TN02-200	2	54.4903	5.5	1.50	25	1.50	16.905	43.1	18.8
34	TN03-233	2	58.6116	1.0	1.50	22	1.25	15.075	39.5	19.7
35	TN03-234	2	54.4223	2.0	2.25	28	1.50	15.025	41.6	18.3

2006 REGIONAL SOYBEAN TEST - Local Anova 9
LIST OF VARIETY MEANS 14:26 Friday, February 2, 2007

----- LOCATION=PORTAGEVILLE,MO(L) TTYPE=PIVS -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5002T	2	63.1236	0	.	.	3	13.1	39.9	21.6
2	DK 4866	2	65.3622	-2	.	.	3	10.8	38.4	23.0
3	AG 4403	2	65.1162	-5	.	.	3	12.2	39.4	20.1
4	AG 4903	2	61.0941	1	.	.	3	11.4	40.3	20.9
5	JTN-4106	2	53.1237	2	.	.	2	12.8	40.4	20.9
6	K04-2713RR	2	51.8445	-4	.	.	3	12.1	40.5	20.1
7	K04-3083RR	2	56.9982	3	.	.	3	9.8	41.5	20.4
8	K04-4267RR	2	51.7092	1	.	.	3	10.4	40.2	20.1
9	K04-4274RR	2	54.8703	1	.	.	3	10.6	41.6	19.2
10	K04-4553RR	2	58.2159	3	.	.	3	11.2	41.6	20.0
11	LS03-4303	2	57.7116	-5	.	.	3	11.2	40.1	20.0

12	LS03-4953	2	47.2443	-8	.	.	3	9.7	43.3	20.1
13	LS03-5236	2	50.3070	-1	.	.	3	10.2	41.9	18.8
14	LS03-5898	2	48.6096	-5	.	.	3	11.8	40.3	20.3
15	LS03D-2825	2	44.1939	-7	.	.	3	12.3	42.1	19.0
16	MD 03-4 RR	2	53.1483	1	.	.	3	10.0	40.5	21.4
17	MD 03-5517	2	30.9345	-4	.	.	3	13.0	44.6	18.3
18	MD 03-6420	2	55.0548	1	.	.	3	14.0	41.1	20.4
19	MD 03-68 RR	2	48.3513	-1	.	.	2	9.6	39.6	21.1
20	MD 03-81 RR	2	42.0537	0	.	.	3	10.8	42.1	18.9
21	R00-1170F	2	61.3401	-6	.	.	3	10.8	40.8	19.6
22	R00-2351F	2	53.8248	-5	.	.	3	10.8	39.5	20.2
23	R00-764	2	50.1102	2	.	.	3	11.2	41.5	20.0
24	R03-818	2	53.3082	-1	.	.	3	13.3	40.1	20.6
25	R98-1692	2	51.1188	-4	.	.	3	12.0	42.0	20.5
26	S03-1904	2	59.2491	0	.	.	3	12.1	42.2	20.8
27	S03-1906	2	56.6292	0	.	.	3	10.9	42.3	20.1
28	S04-1195	2	52.6194	-3	.	.	3	12.9	40.9	20.5
29	S04-4510	2	53.0745	2	.	.	3	13.3	40.8	19.6
30	S04-5963	2	56.2356	-1	.	.	3	11.0	39.0	20.5
31	S04-6013	2	69.2736	-3	.	.	3	11.0	40.4	20.4
32	TN02-064RR	2	49.9134	5	.	.	3	8.9	40.8	19.5
33	TN02-200	2	36.3096	3	.	.	3	10.6	40.6	20.5
34	TN03-233	2	40.0365	-5	.	.	3	12.0	40.7	19.2
35	TN03-234	2	59.3967	2	.	.	3	10.7	41.3	19.4

2006 REGIONAL SOYBEAN TEST - Local Anova 10
LIST OF VARIETY MEANS 14:26 Friday, February 2, 2007

----- LOCATION=PRINCETON,KY(L) TTYPE=PIVS -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5002T	2	62.20	.	2.25	33.5	1	13.6	36.5	21.1
2	DK 4866	2	63.80	.	2.00	46.5	1	11.2	39.0	19.6
3	AG 4403	2	60.85	.	2.00	44.0	1	11.3	39.2	21.2
4	AG 4903	2	64.60	.	2.00	42.5	2	12.8	39.0	20.4
5	JTN-4106	2	53.95	.	2.75	41.0	2	14.7	39.6	20.1
6	K04-2713RR	2	50.95	.	2.50	38.5	3	12.7	39.6	20.0
7	K04-3083RR	2	53.80	.	3.00	46.5	2	10.0	39.0	20.0
8	K04-4267RR	2	55.35	.	3.25	36.0	1	12.2	38.3	19.9
9	K04-4274RR	2	56.85	.	2.50	35.0	2	12.2	38.9	19.6
10	K04-4553RR	2	55.55	.	4.00	39.0	1	11.6	37.8	19.7
11	LS03-4303	2	57.75	.	1.25	29.0	1	9.8	40.7	19.4
12	LS03-4953	2	56.10	.	3.00	30.5	2	10.3	41.6	19.0
13	LS03-5236	2	52.50	.	2.75	46.5	1	12.1	40.7	18.2
14	LS03-5898	2	55.15	.	3.00	44.5	2	12.7	39.8	19.2
15	LS03D-2825	2	58.25	.	2.00	30.5	2	11.6	39.0	19.2
16	MD 03-4 RR	2	60.35	.	2.75	37.0	1	10.5	38.1	20.7
17	MD 03-5517	2	44.10	.	3.00	42.0	3	12.9	46.6	16.7
18	MD 03-6420	2	56.75	.	3.00	48.0	3	16.3	39.0	19.3
19	MD 03-68 RR	2	53.35	.	2.50	38.5	2	11.2	37.3	21.1
20	MD 03-81 RR	2	56.30	.	1.75	33.0	1	11.4	41.1	18.8
21	R00-1170F	2	56.50	.	2.25	51.5	1	10.7	39.2	19.4
22	R00-2351F	2	49.95	.	2.25	47.5	1	11.7	40.1	18.4
23	R00-764	2	50.75	.	2.00	36.5	2	12.7	37.2	20.2
24	R03-818	2	63.40	.	2.50	38.0	1	16.4	38.1	20.8
25	R98-1692	2	60.15	.	1.75	42.0	1	13.5	40.8	20.0

26	S03-1904	2	59.80	.	2.00	41.0	2	13.2	40.5	20.1
27	S03-1906	2	56.10	.	1.75	40.0	2	13.9	40.2	20.7
28	S04-1195	2	48.55	.	2.00	43.0	2	13.4	39.4	19.7
29	S04-4510	2	54.30	.	2.50	45.0	2	15.0	39.3	18.6
30	S04-5963	2	53.50	.	2.00	40.0	2	12.3	39.1	19.5
31	S04-6013	2	61.15	.	2.00	43.5	1	11.1	38.5	21.0
32	TN02-064RR	2	54.40	.	1.75	38.5	1	10.0	38.5	19.3
33	TN02-200	2	58.95	.	2.00	38.0	2	12.4	38.5	20.7
34	TN03-233	2	61.25	.	1.50	32.0	1	12.6	38.4	20.0
35	TN03-234	2	66.20	.	3.00	32.5	1	14.0	38.3	18.8

2006 REGIONAL SOYBEAN TEST - Local Anova 11
LIST OF VARIETY MEANS 14:26 Friday, February 2, 2007

----- LOCATION=QUEENSTOWN,MD(L) TTYPE=PIVS -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5002T	2	31.6000	0.0	1.50	17.0	1.00	12.95	42.3	17.8
2	DK 4866	2	35.9500	-1.0	1.50	26.5	1.50	14.55	41.0	17.3
3	AG 4403	2	34.8500	-2.0	1.50	25.5	1.00	13.05	39.4	19.9
4	AG 4903	2	45.3000	0.5	1.50	29.5	1.25	15.15	41.2	19.0
5	JTN-4106	2	33.1375	-1.0	2.00	23.5	1.50	14.25	42.2	18.2
6	K04-2713RR	2	35.0875	-1.0	2.50	25.0	1.75	13.75	43.1	17.5
7	K04-3083RR	2	38.5500	0.0	2.50	28.0	1.00	11.20	43.5	17.5
8	K04-4267RR	2	38.5125	1.5	1.75	24.0	1.00	11.20	41.3	17.8
9	K04-4274RR	2	31.9125	1.5	1.75	23.0	1.50	11.75	42.1	16.4
10	K04-4553RR	2	41.1875	4.0	1.75	24.0	1.00	11.70	39.6	18.5
11	LS03-4303	2	36.0250	-9.0	1.00	18.0	1.00	11.80	42.0	18.3
12	LS03-4953	2	35.6375	-10.0	1.50	16.0	1.75	11.05	42.1	18.1
13	LS03-5236	2	29.6625	-0.5	1.50	16.5	1.75	11.30	41.3	17.6
14	LS03-5898	2	35.9750	-6.0	2.75	25.5	1.75	13.15	41.9	17.7
15	LS03D-2825	2	22.5875	-10.0	1.00	16.5	1.50	11.15	39.9	17.9
16	MD 03-4 RR	2	29.8250	-5.0	1.50	21.0	1.75	10.60	41.0	18.5
17	MD 03-5517	2	29.6625	-5.0	1.75	26.5	1.25	15.25	43.8	17.5
18	MD 03-6420	2	33.9625	-3.0	1.50	26.0	2.00	15.55	41.9	17.7
19	MD 03-68 RR	2	25.2000	-3.0	1.50	17.5	1.50	9.65	42.2	17.2
20	MD 03-81 RR	2	27.6750	-0.5	1.50	19.5	1.75	10.75	42.2	17.0
21	R00-1170F	2	31.7750	0.0	1.50	24.5	1.50	11.60	40.3	18.4
22	R00-2351F	2	25.8500	4.5	1.50	22.0	1.00	11.80	43.0	17.4
23	R00-764	2	27.3125	0.0	1.25	21.0	1.25	10.90	41.4	18.0
24	R03-818	2	29.9625	-2.0	1.50	15.0	2.00	13.35	41.0	18.3
25	R98-1692	2	31.0375	-6.0	1.25	24.5	2.00	12.95	41.8	18.7
26	S03-1904	2	35.5375	-2.0	1.25	25.0	1.75	13.50	41.8	18.9
27	S03-1906	2	37.0625	-2.0	1.25	22.0	1.50	13.85	41.6	19.5
28	S04-1195	2	37.8000	-4.0	1.50	24.0	1.50	15.75	41.7	18.8
29	S04-4510	2	31.8875	0.0	1.50	25.0	1.75	17.30	41.8	17.7
30	S04-5963	2	34.8125	-3.0	1.50	24.0	1.75	13.80	40.2	18.9
31	S04-6013	2	28.9875	-6.0	1.50	25.5	1.25	12.85	39.9	19.7
32	TN02-064RR	2	27.9375	0.0	1.00	21.0	1.25	10.60	41.0	17.7
33	TN02-200	2	41.1500	-3.0	1.00	18.0	1.00	12.60	42.4	18.0
34	TN03-233	2	27.2000	-7.0	1.00	14.0	1.25	10.75	43.3	17.3
35	TN03-234	2	23.5125	0.0	1.25	16.0	1.75	12.45	41.5	17.7

2006 REGIONAL SOYBEAN TEST - Local Anova 12
LIST OF VARIETY MEANS 14:26 Friday, February 2, 2007

----- LOCATION=ROHWER,AR(L) TTYPE=PIVS -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5002T	2	72.6512	0.0	.	30.5	.	.	.	.
2	DK 4866	2	77.5665	-5.5	.	39.5	.	.	.	.
3	AG 4403	2	63.5277	-9.0	.	39.5	.	.	.	.
4	AG 4903	2	69.3267	-3.5	.	36.5	.	.	.	.
5	JTN-4106	2	73.9474	-3.5	.	34.5	.	.	.	.
6	K04-2713RR	2	68.7544	-5.0	.	39.0	.	.	.	.
7	K04-3083RR	2	70.9006	-2.5	.	45.5	.	.	.	.
8	K04-4267RR	2	75.5886	-1.0	.	27.5	.	.	.	.
9	K04-4274RR	2	66.8523	-0.5	.	25.5	.	.	.	.
10	K04-4553RR	2	64.6724	2.5	.	29.5	.	.	.	.
11	LS03-4303	2	66.5829	-1.5	.	18.0	.	.	.	.
12	LS03-4953	2	61.0870	-9.0	.	20.0	.	.	.	.
13	LS03-5236	2	47.7216	-6.5	.	20.0	.	.	.	.
14	LS03-5898	2	59.5131	-6.5	.	38.5	.	.	.	.
15	LS03D-2825	2	41.4597	-8.5	.	17.5	.	.	.	.
16	MD 03-4 RR	2	59.9423	-2.5	.	20.0	.	.	.	.
17	MD 03-5517	2	49.0514	-5.5	.	35.5	.	.	.	.
18	MD 03-6420	2	71.5066	-1.5	.	40.5	.	.	.	.
19	MD 03-68 RR	2	54.5894	-4.0	.	22.5	.	.	.	.
20	MD 03-81 RR	2	47.6121	0.5	.	19.5	.	.	.	.
21	R00-1170F	2	70.1684	-2.0	.	42.5	.	.	.	.
22	R00-2351F	2	46.5012	-2.0	.	34.5	.	.	.	.
23	R00-764	2	69.0658	2.0	.	29.5	.	.	.	.
24	R03-818	2	55.8519	-1.5	.	22.0	.	.	.	.
25	R98-1692	2	58.2506	-6.5	.	33.0	.	.	.	.
26	S03-1904	2	65.4720	-1.5	.	31.0	.	.	.	.
27	S03-1906	2	65.7834	-1.5	.	32.5	.	.	.	.
28	S04-1195	2	46.9557	-3.5	.	34.0	.	.	.	.
29	S04-4510	2	38.6317	0.5	.	35.5	.	.	.	.
30	S04-5963	2	58.7135	-3.0	.	34.0	.	.	.	.
31	S04-6013	2	59.6309	-9.0	.	36.0	.	.	.	.
32	TN02-064RR	2	67.0374	3.0	.	29.5	.	.	.	.
33	TN02-200	2	61.2385	0.5	.	24.5	.	.	.	.
34	TN03-233	2	65.9685	-4.0	.	19.5	.	.	.	.
35	TN03-234	2	77.6927	2.0	.	25.5	.	.	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova

13

LIST OF VARIETY MEANS

14:26 Friday, February 2, 2007

----- LOCATION=STONEVILLE,MS(L) TTYPE=PIVS -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5002T	2	58.7400	0	2	26	2	.	.	.
2	DK 4866	2	57.4035	-3	2	38	2	.	.	.
3	AG 4403	2	53.8890	-15	2	38	2	.	.	.
4	AG 4903	2	54.4665	-3	2	36	2	.	.	.
5	JTN-4106	2	53.8230	-4	2	30	2	.	.	.
6	K04-2713RR	2	51.4305	-6	2	40	2	.	.	.
7	K04-3083RR	2	48.9390	-4	3	40	2	.	.	.
8	K04-4267RR	2	57.8078	2	2	26	2	.	.	.
9	K04-4274RR	2	57.7665	2	2	22	2	.	.	.
10	K04-4553RR	2	53.0145	2	2	22	2	.	.	.

11	LS03-4303	2	59.2350	-11	2	16	2	.	.	.
12	LS03-4953	2	47.8005	-15	2	16	2	.	.	.
13	LS03-5236	2	47.9325	-4	2	16	2	.	.	.
14	LS03-5898	2	52.3875	-13	3	34	2	.	.	.
15	LS03D-2825	2	54.6645	-13	2	18	2	.	.	.
16	MD 03-4 RR	2	55.8855	-2	2	24	2	.	.	.
17	MD 03-5517	2	34.6665	-10	3	32	2	.	.	.
18	MD 03-6420	2	45.6225	-2	3	34	2	.	.	.
19	MD 03-68 RR	2	.	.	.	.	.	.	.	.
20	MD 03-81 RR	2	49.4175	4	2	16	2	.	.	.
21	R00-1170F	2	.	.	.	.	.	.	.	.
22	R00-2351F	2	33.0825	-3	3	38	2	.	.	.
23	R00-764	2	55.9020	4	2	23	2	.	.	.
24	R03-818	2	51.7770	-4	2	22	2	.	.	.
25	R98-1692	2	50.2425	-13	2	36	2	.	.	.
26	S03-1904	2	54.1530	-4	3	36	2	.	.	.
27	S03-1906	2	55.1265	-5	2	36	2	.	.	.
28	S04-1195	2	42.5535	-5	2	36	2	.	.	.
29	S04-4510	2	40.7550	-4	2	38	2	.	.	.
30	S04-5963	2	52.3050	-4	2	36	2	.	.	.
31	S04-6013	2	53.7900	-14	3	34	2	.	.	.
32	TN02-064RR	2	39.8805	4	2	20	2	.	.	.
33	TN02-200	2	55.3245	0	2	21	2	.	.	.
34	TN03-233	2	47.4045	-6	2	20	2	.	.	.
35	TN03-234	2	61.2315	1	2	26	2	.	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 14
LIST OF VARIETY MEANS 14:26 Friday, February 2, 2007

----- LOCATION=ULLIN,IL(L) TTYPE=PIVS -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5002T	2	60.248	0.0	.	24.0	2.0	15.70	42.6	19.4
2	DK 4866	2	58.184	-5.5	.	39.5	2.0	14.00	41.7	18.6
3	AG 4403	2	60.328	-8.0	.	42.0	2.5	13.45	40.8	21.5
4	AG 4903	2	62.176	-2.0	.	39.0	2.0	15.00	40.6	20.9
5	JTN-4106	2	58.216	-1.0	.	40.5	2.0	15.10	42.2	19.2
6	K04-2713RR	2	49.432	-1.5	.	41.5	1.5	12.90	40.6	19.8
7	K04-3083RR	2	52.376	0.5	.	40.0	3.0	12.10	43.2	19.3
8	K04-4267RR	2	63.960	1.0	.	31.0	1.0	13.40	41.4	18.9
9	K04-4274RR	2	66.504	-0.5	.	33.5	1.5	13.85	42.8	18.4
10	K04-4553RR	2	60.216	-1.0	.	31.0	3.0	14.40	40.9	19.8
11	LS03-4303	2	52.192	-7.0	.	22.5	2.0	12.70	43.5	19.8
12	LS03-4953	2	60.152	-8.0	.	23.0	2.0	13.05	43.0	19.9
13	LS03-5236	2	61.488	-3.0	.	31.5	2.0	14.20	42.2	19.6
14	LS03-5898	2	58.624	-6.5	.	38.0	2.5	15.40	42.9	19.5
15	LS03D-2825	2	63.816	-8.0	.	20.5	2.5	16.25	42.1	19.2
16	MD 03-4 RR	2	61.016	-3.0	.	31.0	1.5	12.75	41.5	20.4
17	MD 03-5517	2	38.168	-8.0	.	33.5	4.0	15.45	46.5	17.7
18	MD 03-6420	2	53.240	-2.0	.	39.5	3.5	16.30	42.9	18.2
19	MD 03-68 RR	2	54.296	-4.0	.	29.5	1.5	12.20	40.5	19.8
20	MD 03-81 RR	2	51.280	1.5	.	20.5	2.0	13.70	42.0	19.2
21	R00-1170F	2	48.056	5.5	.	45.5	2.0	13.10	43.1	18.5
22	R00-2351F	2	45.472	2.0	.	37.5	2.0	13.05	43.7	18.2
23	R00-764	2	58.952	0.0	.	32.5	2.0	15.15	39.9	20.9
24	R03-818	2	59.272	-1.5	.	30.0	2.5	14.30	41.9	19.8

25	R98-1692	2	42.816	-5.0	.	37.0	2.0	13.90	42.2	19.8
26	S03-1904	2	52.520	-1.0	.	31.0	2.5	14.60	43.1	20.1
27	S03-1906	2	56.152	0.5	.	35.5	2.5	15.40	43.3	19.5
28	S04-1195	2	50.416	-3.0	.	41.0	3.5	14.80	42.1	19.1
29	S04-4510	2	45.944	0.5	.	41.0	2.5	14.70	42.0	20.2
30	S04-5963	2	53.752	0.0	.	37.5	3.0	14.30	41.0	19.4
31	S04-6013	2	57.640	-7.0	.	41.5	2.0	13.15	41.2	21.2
32	TN02-064RR	2	63.416	2.5	.	34.5	2.0	11.70	42.1	18.6
33	TN02-200	2	23.384	0.0	.	28.0	2.5	14.40	42.6	19.3
34	TN03-233	2	58.944	-3.5	.	25.0	2.5	14.25	42.5	19.3
35	TN03-234	2	55.240	3.5	.	29.5	2.5	15.70	41.8	18.2

2006 REGIONAL SOYBEAN TEST - Local Anova 15
LIST OF VARIETY MEANS 14:26 Friday, February 2, 2007

----- LOCATION=WARSAW,VA(L) TTYPE=PIVS -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	5002T	2	50.8502	0.0	2.80	26.5	1.65	15.50	41.8	18.5
2	DK 4866	2	47.1923	0.5	1.35	27.0	2.00	16.25	41.4	18.0
3	AG 4403	2	41.6520	-7.0	1.25	28.0	2.00	14.10	38.6	20.6
4	AG 4903	2	50.3963	2.0	1.35	28.5	1.35	16.15	40.5	19.7
5	JTN-4106	2	42.8402	1.5	3.65	34.0	1.35	15.80	41.6	18.7
6	K04-2713RR	2	48.0333	-1.0	1.75	30.0	2.25	15.55	42.6	18.3
7	K04-3083RR	2	47.7930	0.0	2.10	30.0	1.50	12.35	41.7	19.1
8	K04-4267RR	2	44.2953	5.0	3.15	28.0	1.65	11.85	40.8	17.7
9	K04-4274RR	2	47.5260	4.5	2.75	29.0	1.65	12.30	40.8	17.5
10	K04-4553RR	2	51.1038	6.0	2.65	26.0	1.90	12.80	39.4	18.3
11	LS03-4303	2	48.9144	-1.0	1.35	22.0	2.00	13.30	43.2	17.6
12	LS03-4953	2	42.8802	-9.5	3.00	24.0	1.65	12.60	40.5	19.2
13	LS03-5236	2	41.8923	2.5	2.25	27.0	2.20	13.75	42.3	17.5
14	LS03-5898	2	45.2165	-3.0	3.00	35.0	1.90	14.55	40.9	18.4
15	LS03D-2825	2	45.1898	-5.0	1.80	23.5	1.80	14.65	38.6	19.6
16	MD 03-4 RR	2	46.1643	1.5	2.25	26.0	1.50	12.95	42.4	18.1
17	MD 03-5517	2	37.7538	1.5	2.15	27.0	2.35	16.55	44.6	16.9
18	MD 03-6420	2	48.6474	2.0	1.75	34.5	2.65	17.30	41.8	17.5
19	MD 03-68 RR	2	40.6641	-0.5	2.40	30.0	1.50	11.90	41.4	17.6
20	MD 03-81 RR	2	41.7321	2.5	1.35	23.5	1.75	12.45	41.3	18.3
21	R00-1170F	2	49.1414	4.5	2.40	40.5	1.65	13.60	41.2	18.1
22	R00-2351F	2	41.8656	5.0	1.40	30.5	1.50	13.55	43.6	17.3
23	R00-764	2	41.3583	5.5	1.50	27.0	1.90	12.75	40.8	18.3
24	R03-818	2	41.8389	2.5	2.90	26.0	2.35	16.75	41.5	18.0
25	R98-1692	2	37.5536	-2.5	1.35	27.0	1.65	15.40	41.4	18.5
26	S03-1904	2	49.0346	1.0	1.10	25.0	1.80	16.30	44.0	18.7
27	S03-1906	2	47.8464	0.5	1.20	23.0	2.00	16.00	44.1	18.6
28	S04-1195	2	41.6787	-1.0	1.10	25.5	1.90	17.50	42.5	18.6
29	S04-4510	2	43.7747	5.5	1.35	26.5	2.90	19.40	43.5	16.7
30	S04-5963	2	49.5285	1.5	1.20	26.0	2.65	15.75	41.4	18.4
31	S04-6013	2	44.0817	-4.5	1.40	26.0	1.75	13.60	39.5	20.6
32	TN02-064RR	2	50.9436	4.5	1.35	27.0	1.65	12.10	41.6	17.3
33	TN02-200	2	41.3583	5.0	1.20	22.0	2.25	14.45	42.7	17.8
34	TN03-233	2	44.8160	-0.5	1.10	21.5	1.50	13.95	41.3	18.4
35	TN03-234	2	46.7784	4.5	1.85	22.0	2.10	15.20	42.6	16.7

2006 REGIONAL SOYBEAN TEST - Local Anova 16
ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=BIXBY,OK(L) TTYPE=PIVS -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	35	5002T AG 4403 AG 4903 DK 4866 JTN-4106 K04-2713RR K04-3083RR K04-4267RR K04-4274RR K04-4553RR LS03-4303 LS03-4953 LS03-5236 LS03-5898 LS03D-2825 MD 03-4 RR MD 03-5517 MD 03-6420 MD 03-68 RR MD 03-81 RR R00-1170F R00-2351F R00-764 R03-818 R98-1692 S03-1904 S03-1906 S04-1195 S04-4510 S04-5963 S04-6013 TN02-064RR TN02-200 TN03-233 TN03-234
REP	2	1 2

Number of Observations Read 70
Number of Observations Used 70

2006 REGIONAL SOYBEAN TEST - Local Anova 17
ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=BIXBY,OK(L) TTYPE=PIVS -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	35	2019.242160	57.692633	16.52	<.0001
Error	34	118.755094	3.492797		
Corrected Total	69	2137.997253			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.944455	6.321866	1.868903	29.56251

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	56.426730	56.426730	16.16	0.0003
VARIETY	34	1962.815429	57.729866	16.53	<.0001

2006 REGIONAL SOYBEAN TEST - Local Anova 18
ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=BIXBY,OK(L) TTYPE=PIVS -----

The ANOVA Procedure

t Tests (LSD) for YIELD

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

Alpha 0.05
 Error Degrees of Freedom 34
 Error Mean Square 3.492797
 Critical Value of t 2.03224
 Least Significant Difference 3.7981

Means with the same letter are not significantly different.

	t Grouping	Mean	N	VARIETY		
	A	43.472	2	TN03-234		
	B	39.264	2	5002T		
	B					
C	B	37.104	2	AG 4903		
C	B					
C	B	D	2	K04-3083RR		
C	B	D				
C	B	D	2	R00-1170F		
C		D				
C	E	D	2	R00-764		
C	E	D				
C	F	E	D	33.568		
	F	E	D			
	F	E	D	33.264		
	F	E				
G	F	E	2	JTN-4106		
G	F	E				
G	F	E	H	31.856		
G	F	E	H			
G	F	E	H	31.712		
G	F	E	H			
I	G	F	E	H	31.184	
I	G	F	E	H		
I	G	F	E	H	J	30.768
I	G	F	E	H	J	
I	G	F	E	H	J	30.704
I	G	F		H	J	
I	G	F		H	J	30.528

2006 REGIONAL SOYBEAN TEST - Local Anova 19
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=BIXBY,OK(L) TTYPE=PIVS -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping						Mean	N	VARIETY	
I	G	F		H	J				
I	G	F	K	H	J	30.240	2	LS03-5898	
I	G	F	K	H	J				
I	G	F	K	H	J	30.048	2	K04-4267RR	
I	G	F	K	H	J				
I	G	F	K	H	J	30.000	2	K04-2713RR	
I	G		K	H	J				
I	G	L	K	H	J	29.088	2	K04-4274RR	
I	G	L	K	H	J				
I	G	L	K	M	H	J	28.880	2	S03-1904
I		L	K	M	H	J			
I	N	L	K	M	H	J	28.320	2	S04-4510
I	N	L	K	M		J			
I	N	L	K	M	O	J	27.696	2	LS03-4303
	N	L	K	M	O	J			
	N	L	K	M	O	J	27.296	2	DK 4866
	N	L	K	M	O	J			
	N	L	K	M	O	J	27.184	2	S04-1195
	N	L	K	M	O	J			
	N	L	K	M	O	J	27.168	2	MD 03-4 RR
	N	L	K	M	O				
P	N	L	K	M	O	26.464	2	AG 4403	
P	N	L		M	O				
P	N	L		M	O	25.984	2	R98-1692	
P	N	L		M	O				
P	N	L		M	O	25.616	2	S04-6013	
P	N			M	O				
P	N			M	O	25.264	2	TN03-233	
P	N				O				
P	N		Q		O	24.960	2	MD 03-81 RR	
P			Q		O				
P			Q		O	24.128	2	LS03-5236	
P			Q						
P	R		Q			23.024	2	TN02-200	
	R		Q						
	R		Q	S		21.248	2	LS03-4953	
	R			S					
	R			S		19.520	2	MD 03-5517	
				S					
				S		18.912	2	LS03D-2825	

2006 REGIONAL SOYBEAN TEST - Local Anova 20
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=JACKSON,TN(L) TTYPE=PIVS -----

The ANOVA Procedure

Class Level Information

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Class      Levels  Values
VARIETY    35  5002T AG 4403 AG 4903 DK 4866 JTN-4106 K04-2713RR K04-3083RR
           K04-4267RR K04-4274RR K04-4553RR LS03-4303 LS03-4953 LS03-5236
           LS03-5898 LS03D-2825 MD 03-4 RR MD 03-5517 MD 03-6420 MD 03-68 RR MD
           03-81 RR R00-1170F R00-2351F R00-764 R03-818 R98-1692 S03-1904
           S03-1906 S04-1195 S04-4510 S04-5963 S04-6013 TN02-064RR TN02-200
           TN03-233 TN03-234
REP        2  1  2

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Number of Observations Read      70
Number of Observations Used      69

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2006 REGIONAL SOYBEAN TEST - Local Anova                21
ANALYSIS OF YIELD      14:26 Friday, February 2, 2007

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----- LOCATION=JACKSON,TN(L) TTYPE=PIVS -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	35	2348.555330	67.101581	1.23	0.2762
Error	33	1800.340355	54.555768		
Corrected Total	68	4148.895685			

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R-Square      Coeff Var      Root MSE      YIELD Mean
0.566068      27.17549      7.386188      27.17959

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Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	116.261373	116.261373	2.13	0.1538
VARIETY	34	2232.293957	65.655705	1.20	0.2982

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2006 REGIONAL SOYBEAN TEST - Local Anova                22
ANALYSIS OF YIELD      14:26 Friday, February 2, 2007

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----- LOCATION=JACKSON,TN(L) TTYPE=PIVS -----

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 33
 Error Mean Square 54.55577
 Critical Value of t 2.03452
 Least Significant Difference 15.24
 Harmonic Mean of Cell Sizes 1.944444

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	A	36.392	2	DK 4866
	A			
B	A	35.368	2	K04-3083RR
B	A			
B	A	35.152	2	K04-4553RR
B	A			
B	A	34.856	2	AG 4903
B	A			
B	A	33.944	2	K04-4274RR
B	A			
B	D	33.352	2	AG 4403
B	D			
E	B	32.600	2	S04-6013
E	B			
E	B	30.800	2	MD 03-6420
E	B			
E	B	30.728	2	JTN-4106
E	B			
E	B	30.576	1	5002T
E	B			
E	B	30.440	2	R03-818
E	B			
E	B	29.248	2	TN03-233
E	B			
E	B	29.024	2	MD 03-4 RR
E	B			

2006 REGIONAL SOYBEAN TEST - Local Anova 23
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=JACKSON,TN(L) TTYPE=PIVS -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
E	B	28.832	2	R98-1692

E	B	D	A	C	F				
E	B	D	A	C	F	28.480	2	TN03-234	
E	B	D	A	C	F				
E	B	D	A	C	F	28.440	2	S04-4510	
E	B	D	A	C	F				
E	B	D	A	C	F	28.136	2	LS03-5898	
E	B	D	A	C	F				
E	B	D	A	C	F	28.016	2	R00-764	
E	B	D	A	C	F				
E	B	D	A	C	F	27.632	2	K04-2713RR	
E	B	D	A	C	F				
E	B	D	A	C	F	27.440	2	LS03-5236	
E	B	D	A	C	F				
E	B	D	A	C	F	27.424	2	S03-1904	
E	B	D	A	C	F				
E	B	D	A	C	F	26.968	2	R00-2351F	
E	B	D	A	C	F				
E	B	D	A	C	F	26.936	2	TN02-064RR	
E	B	D	A	C	F				
E	B	D	A	G	C	F	26.816	2	K04-4267RR
E	B	D	A	G	C	F			
E	B	D	A	G	C	F	25.368	2	R00-1170F
E	B	D	A	G	C	F			
E	B	D	A	G	C	F	25.080	2	S04-5963
E	B	D	A	G	C	F			
E	B	D	A	G	C	F	24.704	2	MD 03-5517
E	B	D	A	G	C	F			
E	B	D	A	G	C	F	23.552	2	TN02-200
E	B	D	A	G	C	F			
E	B	D	A	G	C	F	21.784	2	LS03-4953
E	B	D		G	C	F			
E	B	D		G	C	F	20.928	2	S04-1195
E		D		G	C	F			
E		D		G	C	F	19.072	2	LS03-4303
E		D		G		F			
E		D		G		F	18.368	2	S03-1906
E				G		F			
E				G		F	18.032	2	LS03D-2825
				G		F			

2006 REGIONAL SOYBEAN TEST - Local Anova 24
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=JACKSON,TN(L) TTYPE=PIVS -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
G F	16.880	2	MD 03-68 RR
G			
G	11.616	2	MD 03-81 RR

----- LOCATION=MCCUNE,KS(L) TTYPE=PIVS -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	35	5002T AG 4403 AG 4903 DK 4866 JTN-4106 K04-2713RR K04-3083RR K04-4267RR K04-4274RR K04-4553RR LS03-4303 LS03-4953 LS03-5236 LS03-5898 LS03D-2825 MD 03-4 RR MD 03-5517 MD 03-6420 MD 03-68 RR MD 03-81 RR R00-1170F R00-2351F R00-764 R03-818 R98-1692 S03-1904 S03-1906 S04-1195 S04-4510 S04-5963 S04-6013 TN02-064RR TN02-200 TN03-233 TN03-234
REP	2	1 2

Number of Observations Read 70
 Number of Observations Used 70

----- LOCATION=MCCUNE,KS(L) TTYPE=PIVS -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	35	547.7801429	15.6508612	2.33	0.0077
Error	34	228.4777143	6.7199328		
Corrected Total	69	776.2578571			

R-Square 0.705668
 Coeff Var 15.22953
 Root MSE 2.592283
 YIELD Mean 17.02143

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	43.0572857	43.0572857	6.41	0.0162
VARIETY	34	504.7228571	14.8447899	2.21	0.0118

----- LOCATION=MCCUNE,KS(L) TTYPE=PIVS -----

The ANOVA Procedure

t Tests (LSD) for YIELD

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

Alpha 0.05
Error Degrees of Freedom 34
Error Mean Square 6.719933
Critical Value of t 2.03224
Least Significant Difference 5.2682

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	A	23.700	2	5002T
	A			
B	A	21.100	2	R00-1170F
B	A			
B	A C	19.900	2	TN03-234
B	A C			
B	D A C	19.700	2	S03-1906
B	D A C			
B	D A C	19.600	2	S03-1904
B	D A C			
E	B D A C	19.550	2	S04-5963
E	B D A C			
E	B D A C	19.150	2	K04-3083RR
E	B D A C			
E	B D A C	19.150	2	S04-6013
E	B D A C			
E	B D A C	18.950	2	MD 03-68 RR
E	B D A C			
E	B D A C F	18.600	2	R00-764
E	B D A C F			
E	B D A C F	18.550	2	MD 03-4 RR
E	B D A C F			
E	B D A C F	18.500	2	TN03-233
E	B D C F			
E	B D C F	18.050	2	AG 4403
E	B D C F			
E	B D C F	18.000	2	LS03-4953
E	B D C F			
E	B D C F	18.000	2	K04-4267RR

----- LOCATION=MCCUNE,KS(L) TTYPE=PIVS -----

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	F				
E	B	D	C	F	17.600	2	S04-1195	
E	B	D	C	F				
E	B	D	C	F	17.600	2	K04-4274RR	
E	B	D	C	F				
E	B	D	C	F	17.400	2	R98-1692	
E	B	D	C	F				
E	B	D	C	F	17.100	2	LS03-5898	
E	B	D	C	F				
E	B	D	C	F	16.950	2	K04-2713RR	
E	B	D	C	F				
E	B	D	G	C	F	16.550	2	MD 03-81 RR
E	B	D	G	C	F			
E	B	D	G	C	F	16.450	2	LS03-5236
E	B	D	G	C	F			
E	B	D	G	C	F	16.400	2	K04-4553RR
E	B	D	G	C	F			
E	B	D	G	C	F	16.050	2	MD 03-5517
E	B	D	G	C	F			
E	B	D	G	C	F	15.950	2	AG 4903
E		D	G	C	F			
E	H	D	G	C	F	15.000	2	TN02-064RR
E	H	D	G	C	F			
E	H	D	G	C	F	14.950	2	DK 4866
E	H	D	G	C	F			
E	H	D	G	C	F	14.800	2	MD 03-6420
E	H	D	G		F			
E	H	D	G		F	14.550	2	S04-4510
E	H	D	G		F			
E	H	D	G		F	14.500	2	TN02-200
E	H	D	G		F			
E	H	D	G		F	14.450	2	R00-2351F
E	H		G		F			
E	H		G		F	14.300	2	JTN-4106
	H		G		F			
	H		G		F	13.450	2	R03-818
	H		G					
	H		G			11.300	2	LS03-4303
	H							
	H					9.900	2	LS03D-2825

----- LOCATION=PINE TREE,AR(L) TTYPE=PIVS -----

Class Level Information

Class	Levels	Values
VARIETY	35	5002T AG 4403 AG 4903 DK 4866 JTN-4106 K04-2713RR K04-3083RR K04-4267RR K04-4274RR K04-4553RR LS03-4303 LS03-4953 LS03-5236 LS03-5898 LS03D-2825 MD 03-4 RR MD 03-5517 MD 03-6420 MD 03-68 RR MD 03-81 RR R00-1170F R00-2351F R00-764 R03-818 R98-1692 S03-1904 S03-1906 S04-1195 S04-4510 S04-5963 S04-6013 TN02-064RR TN02-200 TN03-233 TN03-234
REP	2	1 2

Number of Observations Read 70
Number of Observations Used 70

2006 REGIONAL SOYBEAN TEST - Local Anova 30
ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=PINE TREE,AR(L) TTYPE=PIVS -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	35	3533.222048	100.949201	2.87	0.0014
Error	34	1195.590485	35.164426		
Corrected Total	69	4728.812532			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.747169	9.424268	5.929960	62.92223

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	17.955324	17.955324	0.51	0.4798
VARIETY	34	3515.266724	103.390198	2.94	0.0011

2006 REGIONAL SOYBEAN TEST - Local Anova 31
ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=PINE TREE,AR(L) TTYPE=PIVS -----

The ANOVA Procedure

t Tests (LSD) for YIELD

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

Alpha 0.05
 Error Degrees of Freedom 34
 Error Mean Square 35.16443
 Critical Value of t 2.03224
 Least Significant Difference 12.051

Means with the same letter are not significantly different.

		t Grouping	Mean	N	VARIETY
		A	80.931	2	K04-3083RR
		A			
B		A	74.822	2	AG 4403
B		A			
B		A C	74.098	2	K04-4274RR
B		A C			
B	D	A C	71.351	2	DK 4866
B	D	A C			
E	B	A C	70.079	2	5002T
E	B	A C			
E	B	A C	70.045	2	S04-6013
E	B	A C			
E	B	A C F	69.489	2	K04-2713RR
E	B	C F			
E	B	G C F	68.832	2	K04-4267RR
E	B	G C F			
E	B	G H C F	66.701	2	S04-5963
E	B	G H C F			
E	B	G H C F	66.381	2	R00-764
E	B	G H C F			
E	B	G H C F	66.313	2	LS03D-2825
E	B	G H C F			
E	B	G H C F	65.926	2	AG 4903
E	B	G H C F			
E	B	G H C F	65.740	2	S03-1904
E	B	G H C F			
E	B	G H C F	65.260	2	K04-4553RR
E	B	G H C F			
E	B	G H C F	64.965	2	TN02-064RR

2006 REGIONAL SOYBEAN TEST - Local Anova 32
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=PINE TREE,AR(L) TTYPE=PIVS -----

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		G	H	C	F			
E	B		D	I	G	H	C	F	64.106	2	TN03-234
E	B		D	I	G	H	C	F			
E	B	J	D	I	G	H	C	F	63.348	2	LS03-5898
E		J	D	I	G	H	C	F			
E		J	D	I	G	H	C	F	62.615	2	S04-1195
E		J	D	I	G	H	C	F			
E		J	D	I	G	H	C	F	62.589	2	R03-818
E		J	D	I	G	H		F			
E		J	D	I	G	H		F	61.671	2	JTN-4106
E		J	D	I	G	H		F			
E		J	D	I	G	H		F	61.494	2	MD 03-4 RR
E		J	D	I	G	H		F			
E		J	D	I	G	H		F	60.753	2	LS03-5236
E		J	D	I	G	H		F			
E		J	D	I	G	H		F	60.104	2	R00-1170F
E		J		I	G	H		F			
E		J		I	G	H		F	59.228	2	S04-4510
E		J		I	G	H		F			
E		J		I	G	H		F	58.874	2	MD 03-6420
		J		I	G	H		F			
	K	J		I	G	H		F	57.627	2	MD 03-68 RR
	K	J		I	G	H		F			
	K	J		I	G	H		F	57.450	2	LS03-4303
	K	J		I	G	H					
	K	J		I	G	H			56.894	2	S03-1906
	K	J		I		H					
	K	J		I		H			56.565	2	MD 03-81 RR
	K	J		I		H					
	K	J		I		H			56.506	2	TN03-233
	K	J		I		H					
	K	J		I		H			56.009	2	R98-1692
	K	J		I		H					
	K	J		I		H			55.234	2	LS03-4953
	K	J		I							
	K	J		I					52.757	2	MD 03-5517
	K	J									
	K	J							51.595	2	R00-2351F
	K										
	K								45.925	2	TN02-200

2006 REGIONAL SOYBEAN TEST - Local Anova 33
ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=PITTSBURG,KS(L) TTYPE=PIVS -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	35	5002T AG 4403 AG 4903 DK 4866 JTN-4106 K04-2713RR K04-3083RR

K04-4267RR K04-4274RR K04-4553RR LS03-4303 LS03-4953 LS03-5236
 LS03-5898 LS03D-2825 MD 03-4 RR MD 03-5517 MD 03-6420 MD 03-68 RR MD
 03-81 RR R00-1170F R00-2351F R00-764 R03-818 R98-1692 S03-1904
 S03-1906 S04-1195 S04-4510 S04-5963 S04-6013 TN02-064RR TN02-200
 TN03-233 TN03-234

REP 2 1 2

Number of Observations Read 70
 Number of Observations Used 70

2006 REGIONAL SOYBEAN TEST - Local Anova 34
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=PITTSBURG,KS(L) TTYPE=PIVS -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	35	1004.138857	28.689682	3.60	0.0002
Error	34	270.872000	7.966824		
Corrected Total	69	1275.010857			

R-Square 0.787553
 Coeff Var 11.64833
 Root MSE 2.822556
 YIELD Mean 24.23143

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	72.8280000	72.8280000	9.14	0.0047
VARIETY	34	931.3108571	27.3914958	3.44	0.0003

2006 REGIONAL SOYBEAN TEST - Local Anova 35
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=PITTSBURG,KS(L) TTYPE=PIVS -----

The ANOVA Procedure

t Tests (LSD) for YIELD

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

Alpha 0.05
 Error Degrees of Freedom 34
 Error Mean Square 7.966824

E	I	D	H	G	F				
E	I	D	H	G	F	23.550	2	LS03-4303	
E	I	D	H	G	F				
E	I	D	H	G	F	23.350	2	5002T	
E	I	D	H	G	F				
E	I	D	H	G	F	23.300	2	MD 03-6420	
E	I	D	H	G	F				
E	I	D	H	G	F	23.150	2	MD 03-68 RR	
E	I	D	H	G	F				
E	I	D	H	G	F	22.850	2	R03-818	
E	I		H	G	F				
E	I		H	G	F	22.100	2	S04-6013	
	I		H	G	F				
	I		H	G	J	F	21.700	2	TN02-200
	I		H	G	J				
	I		H	G	J	21.450	2	S04-5963	
	I		H	G	J				
	I		H	G	J	21.400	2	DK 4866	
	I		H	G	J				
	I		H	G	J	21.400	2	S03-1904	
	I		H	G	J				
	I		H	G	J	21.350	2	MD 03-81 RR	
	I		H		J				
	I		H		J	21.050	2	AG 4403	
	I		H		J				
	I		H		J	20.850	2	R00-1170F	
	I		H		J				
	I		H		J	20.800	2	K04-4267RR	
	I		H		J				
	I		H		J	20.450	2	AG 4903	
	I		H		J				
	I		H		J	20.150	2	LS03-4953	
	I				J				
	I				J	18.400	2	K04-4274RR	
					J				
					J	16.250	2	MD 03-5517	

2006 REGIONAL SOYBEAN TEST - Local Anova 37
ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=PLYMOUTH,NC(L) TTYPE=PIVS -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	35	5002T AG 4403 AG 4903 DK 4866 JTN-4106 K04-2713RR K04-3083RR K04-4267RR K04-4274RR K04-4553RR LS03-4303 LS03-4953 LS03-5236 LS03-5898 LS03D-2825 MD 03-4 RR MD 03-5517 MD 03-6420 MD 03-68 RR MD 03-81 RR R00-1170F R00-2351F R00-764 R03-818 R98-1692 S03-1904 S03-1906 S04-1195 S04-4510 S04-5963 S04-6013 TN02-064RR TN02-200 TN03-233 TN03-234
REP	2	1 2

Number of Observations Read 70
 Number of Observations Used 69

2006 REGIONAL SOYBEAN TEST - Local Anova 38
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=PLYMOUTH,NC(L) TTYPE=PIVS -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	35	2071.973561	59.199245	5.12	<.0001
Error	33	381.460656	11.559414		
Corrected Total	68	2453.434217			

R-Square 0.844520
 Coeff Var 6.699084
 Root MSE 3.399914
 YIELD Mean 50.75192

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	233.830113	233.830113	20.23	<.0001
VARIETY	34	1838.143448	54.063043	4.68	<.0001

2006 REGIONAL SOYBEAN TEST - Local Anova 39
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=PLYMOUTH,NC(L) TTYPE=PIVS -----

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 33
 Error Mean Square 11.55941
 Critical Value of t 2.03452
 Least Significant Difference 7.0153
 Harmonic Mean of Cell Sizes 1.944444

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping					Mean	N	VARIETY	
			A		63.462	2	LS03-4303	
			A					
B			A		58.612	2	TN03-233	
B			A					
B			A	C	57.406	2	AG 4903	
B			A	C				
B			A	C	56.959	2	5002T	
B			A	C				
B			A	C	56.949	2	LS03D-2825	
B			A	C				
B	D		A	C	56.454	2	K04-4553RR	
B	D			C				
B	D		E	C	55.560	2	MD 03-81 RR	
B	D		E	C				
F	B	D	E	C	55.210	2	DK 4866	
F	B	D	E	C				
F	B	D	E	C	G	54.490	1	TN02-200
F	B	D	E	C	G			
F	B	D	E	C	G	54.422	2	TN03-234
F	B	D	E	C	G			
F	B	D	E	C	G	53.936	2	TN02-064RR
F	B	D	E	C	G			
F	B	D	E	C	G	53.878	2	R00-764
F	B	D	E	C	G			
F	B	D	E	C	G	53.431	2	S04-5963
F	B	D	E	C	G			

2006 REGIONAL SOYBEAN TEST - Local Anova 40
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=PLYMOUTH,NC(L) TTYPE=PIVS -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping					Mean	N	VARIETY				
F	B	D	E	H	C	G	52.818	2	MD 03-4 RR		
F	B	D	E	H	C	G					
F	B	D	I	E	H	C	G	52.352	2	LS03-5236	
F		D	I	E	H	C	G				
F	J	D	I	E	H	C	G	51.341	2	AG 4403	
F	J	D	I	E	H	C	G				
F	J	K	D	I	E	H	C	G	50.748	2	S03-1904
F	J	K	D	I	E	H	C	G			
F	J	K	D	I	E	H	C	G	50.398	2	K04-3083RR
F	J	K	D	I	E	H		G			
F	J	K	D	I	E	H		G	49.786	2	MD 03-6420

F	J	K	D	I	E	H	G			
F	J	K	D	I	E	H	G	49.757	2	K04-4267RR
F	J	K		I	E	H	G	48.872	2	K04-4274RR
F	J	K		I	E	H	G	48.610	2	R03-818
F	J	K		I	L	H	G	48.435	2	S04-6013
F	J	K		I	L	H	G	48.415	2	S04-1195
F	J	K		I	L	H	G	48.279	2	S03-1906
	J	K		I	L	H	G	48.114	2	MD 03-68 RR
	J	K		I	L	H		46.316	2	S04-4510
	J	K		I	L	H	M	46.121	2	LS03-5898
	J	K		I	L	H	M	46.073	2	JTN-4106
	J	K		I	L		M	45.519	2	K04-2713RR
	J	K			L		M	45.285	2	R00-1170F
	J	K			L		M	45.013	2	R98-1692
		K			L		M	44.323	2	LS03-4953
		K			L		M			

2006 REGIONAL SOYBEAN TEST - Local Anova 41
ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=PLYMOUTH,NC(L) TTYPE=PIVS -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
L M	41.475	2	R00-2351F
M	39.366	2	MD 03-5517

2006 REGIONAL SOYBEAN TEST - Local Anova 42
ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=PORTAGEVILLE,MO(L) TTYPE=PIVS -----

The ANOVA Procedure

Class Level Information

```

Class      Levels  Values
VARIETY    35  5002T AG 4403 AG 4903 DK 4866 JTN-4106 K04-2713RR K04-3083RR
           K04-4267RR K04-4274RR K04-4553RR LS03-4303 LS03-4953 LS03-5236
           LS03-5898 LS03D-2825 MD 03-4 RR MD 03-5517 MD 03-6420 MD 03-68 RR MD
           03-81 RR R00-1170F R00-2351F R00-764 R03-818 R98-1692 S03-1904
           S03-1906 S04-1195 S04-4510 S04-5963 S04-6013 TN02-064RR TN02-200
           TN03-233 TN03-234
REP        2  1  2

```

```

Number of Observations Read      70
Number of Observations Used      70

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2006 REGIONAL SOYBEAN TEST - Local Anova      43
ANALYSIS OF YIELD      14:26 Friday, February 2, 2007

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----- LOCATION=PORTAGEVILLE,MO(L) TTYPE=PIVS -----

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The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	35	4589.058130	131.115947	10.24	<.0001
Error	34	435.493331	12.808627		
Corrected Total	69	5024.551461			

```

R-Square      Coeff Var      Root MSE      YIELD Mean
0.913327      6.729066      3.578914      53.18590

```

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	158.957758	158.957758	12.41	0.0012
VARIETY	34	4430.100372	130.297070	10.17	<.0001

```

2006 REGIONAL SOYBEAN TEST - Local Anova      44
ANALYSIS OF YIELD      14:26 Friday, February 2, 2007

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----- LOCATION=PORTAGEVILLE,MO(L) TTYPE=PIVS -----

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The ANOVA Procedure

t Tests (LSD) for YIELD

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

Alpha	0.05
Error Degrees of Freedom	34
Error Mean Square	12.80863
Critical Value of t	2.03224
Least Significant Difference	7.2732

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	69.274	2	S04-6013
A			
B A	65.362	2	DK 4866
B A			
B A	65.116	2	AG 4403
B A			
B A C	63.124	2	5002T
B C			
B D C	61.340	2	R00-1170F
B D C			
B E D C	61.094	2	AG 4903
B E D C			
F B E D C	59.397	2	TN03-234
F B E D C			
F B E D C	59.249	2	S03-1904
F B E D C			
F B E D C G	58.216	2	K04-4553RR
F E D C G			
F E D C G	57.712	2	LS03-4303
F E D C G			
F H E D C G	56.998	2	K04-3083RR
F H E D C G			
F H E D C G	56.629	2	S03-1906
F H E D C G			
F H E D C G	56.236	2	S04-5963
F H E D G			
F H E D I G	55.055	2	MD 03-6420
F H E D I G			
F H E D I G	54.870	2	K04-4274RR

2006 REGIONAL SOYBEAN TEST - Local Anova 45
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=PORTAGEVILLE,MO(L) TTYPE=PIVS -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

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

F	H	E		I	G			
F	H	E	J	I	G	53.825	2	R00-2351F
F	H		J	I	G			
F	H		J	I	G	53.308	2	R03-818
F	H		J	I	G			
F	H		J	I	G	53.148	2	MD 03-4 RR
F	H		J	I	G			
F	H		J	I	G	53.124	2	JTN-4106
F	H		J	I	G			
F	H		J	I	G	53.075	2	S04-4510
F	H		J	I	G			
F	H		J	I	G	52.619	2	S04-1195
	H		J	I	G			
	H		J	I	G	51.845	2	K04-2713RR
	H		J	I	G			
	H		J	I	G	51.709	2	K04-4267RR
	H		J	I	G			
	H	K	J	I	G	51.119	2	R98-1692
	H	K	J	I				
	H	K	J	I		50.307	2	LS03-5236
	H	K	J	I				
	H	K	J	I		50.110	2	R00-764
	H	K	J	I				
	H	K	J	I		49.913	2	TN02-064RR
		K	J	I				
L	K	J	I			48.610	2	LS03-5898
L	K	J	I					
L	K	J	I			48.351	2	MD 03-68 RR
L	K	J						
L	K	J	M			47.244	2	LS03-4953
L	K		M					
L	K		M			44.194	2	LS03D-2825
L			M					
L		N	M			42.054	2	MD 03-81 RR
		N	M					
		N	M			40.037	2	TN03-233
		N						
O		N				36.310	2	TN02-200
O								
O						30.935	2	MD 03-5517

2006 REGIONAL SOYBEAN TEST - Local Anova 46
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=PRINCETON,KY(L) TTYPE=PIVS -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	35	5002T AG 4403 AG 4903 DK 4866 JTN-4106 K04-2713RR K04-3083RR K04-4267RR K04-4274RR K04-4553RR LS03-4303 LS03-4953 LS03-5236 LS03-5898 LS03D-2825 MD 03-4 RR MD 03-5517 MD 03-6420 MD 03-68 RR MD 03-81 RR R00-1170F R00-2351F R00-764 R03-818 R98-1692 S03-1904

S03-1906 S04-1195 S04-4510 S04-5963 S04-6013 TN02-064RR TN02-200
 TN03-233 TN03-234

REP 2 1 2

Number of Observations Read 70
 Number of Observations Used 70

2006 REGIONAL SOYBEAN TEST - Local Anova 47
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=PRINCETON,KY(L) TTYPE=PIVS -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	35	1614.504143	46.128690	1.89	0.0332
Error	34	830.102857	24.414790		
Corrected Total	69	2444.607000			

R-Square Coeff Var Root MSE YIELD Mean
 0.660435 8.719133 4.941132 56.67000

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	32.232143	32.232143	1.32	0.2586
VARIETY	34	1582.272000	46.537412	1.91	0.0321

2006 REGIONAL SOYBEAN TEST - Local Anova 48
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=PRINCETON,KY(L) TTYPE=PIVS -----

The ANOVA Procedure

t Tests (LSD) for YIELD

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

Alpha 0.05
 Error Degrees of Freedom 34
 Error Mean Square 24.41479
 Critical Value of t 2.03224
 Least Significant Difference 10.042

Means with the same letter are not significantly different.

t Grouping										Mean	N	VARIETY
									A	66.200	2	TN03-234
									A			
B									A	64.600	2	AG 4903
B									A			
B									A	63.800	2	DK 4866
B									A			
B	D								A	63.400	2	R03-818
B	D								A			
E	B	D							A	62.200	2	5002T
E	B	D							A			
E	B	D							A	61.250	2	TN03-233
E	B	D							A			
E	B	D							A	61.150	2	S04-6013
E	B	D							A			
E	B	D							A	60.850	2	AG 4403
E	B	D							A			
E	B	D							A	60.350	2	MD 03-4 RR
E	B	D							A			
E	B	D							A	60.150	2	R98-1692
E	B	D							A			
E	B	D	H						A	59.800	2	S03-1904
E	B	D	H						A			
E	B	D	H						A	58.950	2	TN02-200
E	B	D	H						A			
E	B	I	D	H					A	58.250	2	LS03D-2825
E	B	I	D	H					A			
E	B	I	D	H					A	57.750	2	LS03-4303
E	B	I	D	H					A			
E	B	I	D	H					A	56.850	2	K04-4274RR

2006 REGIONAL SOYBEAN TEST - Local Anova 49
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=PRINCETON,KY(L) TTYPE=PIVS -----

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			
E	B	I	D	H					A	56.750	2	MD 03-6420
E	B	I	D	H					A			
E	B	I	D	H					A	56.500	2	R00-1170F
E	B	I	D	H					A			
E	B	I	D	H					A	56.300	2	MD 03-81 RR
E	B	I	D	H					A			
E	B	I	D	H					G			
									C			
									F			

E	B	I	D	H	G	C	F	56.100	2	LS03-4953	
E	B	I	D	H	G	C	F				
E	B	I	D	H	G	C	F	56.100	2	S03-1906	
E	B	I	D	H	G	C	F				
E	B	I	D	H	G	C	F	55.550	2	K04-4553RR	
E	B	I	D	H	G	C	F				
E	B	I	D	H	G	C	F	55.350	2	K04-4267RR	
E	B	I	D	H	G	C	F				
E	B	I	D	H	G	C	F	55.150	2	LS03-5898	
E		I	D	H	G	C	F				
E		I	D	H	G	C	F	54.400	2	TN02-064RR	
E		I	D	H	G	C	F				
E		I	D	H	G	C	F	54.300	2	S04-4510	
E		I	D	H	G	C	F				
E		I	D	H	J	G	C	F	53.950	2	JTN-4106
E		I	D	H	J	G	C	F			
E		I	D	H	J	G	C	F	53.800	2	K04-3083RR
E		I	D	H	J	G		F			
E		I	D	H	J	G		F	53.500	2	S04-5963
E		I		H	J	G		F			
E		I		H	J	G		F	53.350	2	MD 03-68 RR
E		I		H	J	G		F			
E		I		H	J	G		F	52.500	2	LS03-5236
		I		H	J	G		F			
		I		H	J	G		F	50.950	2	K04-2713RR
		I		H	J	G					
		I		H	J	G			50.750	2	R00-764
		I		H	J						
		I		H	J				49.950	2	R00-2351F
		I			J						
		I			J				48.550	2	S04-1195
					J						
					J				44.100	2	MD 03-5517

2006 REGIONAL SOYBEAN TEST - Local Anova 50
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=QUEENSTOWN,MD(L) TTYPE=PIVS -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	35	5002T AG 4403 AG 4903 DK 4866 JTN-4106 K04-2713RR K04-3083RR K04-4267RR K04-4274RR K04-4553RR LS03-4303 LS03-4953 LS03-5236 LS03-5898 LS03D-2825 MD 03-4 RR MD 03-5517 MD 03-6420 MD 03-68 RR MD 03-81 RR R00-1170F R00-2351F R00-764 R03-818 R98-1692 S03-1904 S03-1906 S04-1195 S04-4510 S04-5963 S04-6013 TN02-064RR TN02-200 TN03-233 TN03-234
REP	2	1 2

Number of Observations Used 70

2006 REGIONAL SOYBEAN TEST - Local Anova 51
ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=QUEENSTOWN,MD(L) TTYPE=PIVS -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	35	2160.223036	61.720658	1.49	0.1250
Error	34	1411.076429	41.502248		
Corrected Total	69	3571.299464			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.604884	19.70745	6.442224	32.68929

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	296.228571	296.228571	7.14	0.0115
VARIETY	34	1863.994464	54.823367	1.32	0.2106

2006 REGIONAL SOYBEAN TEST - Local Anova 52
ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=QUEENSTOWN,MD(L) TTYPE=PIVS -----

The ANOVA Procedure

t Tests (LSD) for YIELD

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

Alpha	0.05
Error Degrees of Freedom	34
Error Mean Square	41.50225
Critical Value of t	2.03224
Least Significant Difference	13.092

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	45.300	2	AG 4903

E	B	D	C	F			
E	B	D	C	F	29.963	2	R03-818
E	B	D	C	F			
E	B	D	C	F	29.825	2	MD 03-4 RR
E	B	D	C	F			
E	B	D	C	F	29.663	2	LS03-5236
E	B	D	C	F			
E	B	D	C	F	29.663	2	MD 03-5517
E	B	D	C	F			
E	B	D	C	F	28.988	2	S04-6013
E		D	C	F			
E		D	C	F	27.938	2	TN02-064RR
E		D	C	F			
E		D	C	F	27.675	2	MD 03-81 RR
E		D	C	F			
E		D	C	F	27.313	2	R00-764
E		D	C	F			
E		D	C	F	27.200	2	TN03-233
E		D	C	F			
E		D	C	F	25.850	2	R00-2351F
E		D		F			
E		D		F	25.200	2	MD 03-68 RR
E				F			
E				F	23.513	2	TN03-234
E				F			
E				F	22.588	2	LS03D-2825

2006 REGIONAL SOYBEAN TEST - Local Anova 54
ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=ROHWER,AR(L) TTYPE=PIVS -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	35	5002T AG 4403 AG 4903 DK 4866 JTN-4106 K04-2713RR K04-3083RR K04-4267RR K04-4274RR K04-4553RR LS03-4303 LS03-4953 LS03-5236 LS03-5898 LS03D-2825 MD 03-4 RR MD 03-5517 MD 03-6420 MD 03-68 RR MD 03-81 RR R00-1170F R00-2351F R00-764 R03-818 R98-1692 S03-1904 S03-1906 S04-1195 S04-4510 S04-5963 S04-6013 TN02-064RR TN02-200 TN03-233 TN03-234
REP	2	1 2

Number of Observations Read 70
Number of Observations Used 70

2006 REGIONAL SOYBEAN TEST - Local Anova 55
ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=ROHWER,AR(L) TTYPE=PIVS -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	35	7169.845214	204.852720	5.01	<.0001
Error	34	1389.441640	40.865931		
Corrected Total	69	8559.286854			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.837669	10.31160	6.392647	61.99474

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	0.697142	0.697142	0.02	0.8969
VARIETY	34	7169.148072	210.857296	5.16	<.0001

2006 REGIONAL SOYBEAN TEST - Local Anova 56
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=ROHWER,AR(L) TTYPE=PIVS -----

The ANOVA Procedure

t Tests (LSD) for YIELD

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

Alpha	0.05
Error Degrees of Freedom	34
Error Mean Square	40.86593
Critical Value of t	2.03224
Least Significant Difference	12.991

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	A	77.693	2	TN03-234
	A			
B	A	77.566	2	DK 4866
B	A			
B	A	75.589	2	K04-4267RR
B	A			
B	D	73.947	2	JTN-4106
B	D			
	A			
	C			

E	B	D	A	C		72.651	2	5002T			
E	B	D	A	C							
E	B	D	A	C	F	71.507	2	MD 03-6420			
E	B	D	A	C	F						
E	B	D	A	G	C	F	70.901	2	K04-3083RR		
E	B	D	A	G	C	F					
E	B	D	A	G	C	F	70.168	2	R00-1170F		
E	B	D	A	G	C	F					
E	B	D	A	G	C	F	69.327	2	AG 4903		
E	B	D	A	G	C	F					
E	B	D	A	G	C	F	69.066	2	R00-764		
E	B	D	A	G	C	F					
E	B	D	H	A	G	C	F	68.754	2	K04-2713RR	
E	B	D	H	A	G	C	F				
E	B	I	D	H	A	G	C	F	67.037	2	TN02-064RR
E	B	I	D	H	A	G	C	F			
E	B	I	D	H	A	G	C	F	66.852	2	K04-4274RR
E	B	I	D	H	A	G	C	F			
E	B	I	D	H	A	G	C	F	66.583	2	LS03-4303
E	B	I	D	H	A	G	C	F			
E	B	I	D	H	A	G	C	F	65.969	2	TN03-233

2006 REGIONAL SOYBEAN TEST - Local Anova 57
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=ROHWER,AR(L) TTYPE=PIVS -----

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	B	I	D	H	A	G	C	F	65.783	2	S03-1906	
E	B	I	D	H	A	G	C	F				
E	B	I	D	H	A	G	C	F	65.472	2	S03-1904	
E	B	I	D	H		G	C	F				
E	B	I	D	H		G	C	F	64.672	2	K04-4553RR	
E		I	D	H		G	C	F				
E		I	D	H		G	C	F	63.528	2	AG 4403	
E		I	D	H		G		F				
E		I	D	H	J	G		F	61.238	2	TN02-200	
E		I	D	H	J	G		F				
E		I	D	H	J	G		F	61.087	2	LS03-4953	
E		I		H	J	G		F				
E	K	I		H	J	G		F	59.942	2	MD 03-4 RR	
	K	I		H	J	G		F				
	K	I		H	J	G		F	59.631	2	S04-6013	
	K	I		H	J	G		F				
	K	I		H	J	G		F	59.513	2	LS03-5898	
	K	I		H	J	G		F				
	K	I		H	J	G	L	F	58.714	2	S04-5963	
	K	I		H	J	G	L					

K	I	H	J	G	L	58.251	2	R98-1692
K	I	H	J		L			
K	I	H	J		L	55.852	2	R03-818
K	I		J		L			
K	I		J		L	54.589	2	MD 03-68 RR
K			J		L			
K		M	J		L	49.051	2	MD 03-5517
K		M			L			
K		M			L	47.722	2	LS03-5236
K		M			L			
K		M			L	47.612	2	MD 03-81 RR
K		M			L			
K		M			L	46.956	2	S04-1195
		M			L			
		M			L	46.501	2	R00-2351F
		M						
		M				41.460	2	LS03D-2825
		M						
		M				38.632	2	S04-4510

2006 REGIONAL SOYBEAN TEST - Local Anova 58
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=STONEVILLE,MS(L) TTYPE=PIVS -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	35	5002T AG 4403 AG 4903 DK 4866 JTN-4106 K04-2713RR K04-3083RR K04-4267RR K04-4274RR K04-4553RR LS03-4303 LS03-4953 LS03-5236 LS03-5898 LS03D-2825 MD 03-4 RR MD 03-5517 MD 03-6420 MD 03-68 RR MD 03-81 RR R00-1170F R00-2351F R00-764 R03-818 R98-1692 S03-1904 S03-1906 S04-1195 S04-4510 S04-5963 S04-6013 TN02-064RR TN02-200 TN03-233 TN03-234
REP	2	1 2

Number of Observations Read 70
 Number of Observations Used 66

2006 REGIONAL SOYBEAN TEST - Local Anova 59
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=STONEVILLE,MS(L) TTYPE=PIVS -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
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Model	33	3052.898694	92.512082	3.33	0.0005
Error	32	888.327281	27.760228		
Corrected Total	65	3941.225974			

R-Square Coeff Var Root MSE YIELD Mean
0.774606 10.29781 5.268798 51.16425

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	107.249179	107.249179	3.86	0.0581
VARIETY	32	2945.649515	92.051547	3.32	0.0005

2006 REGIONAL SOYBEAN TEST - Local Anova 60
ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=STONEVILLE,MS(L) TTYPE=PIVS -----

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 32
Error Mean Square 27.76023
Critical Value of t 2.03693
Least Significant Difference 10.732

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	61.232	2	TN03-234
A			
B A	59.235	2	LS03-4303
B A			
B A	58.740	2	5002T
B A			
B A C	57.808	2	K04-4267RR
B A C			
B A C	57.767	2	K04-4274RR
B A C			
B A C	57.404	2	DK 4866
B A C			
B D A C	55.902	2	R00-764
B D A C			
B D A C	55.886	2	MD 03-4 RR

B	D	A	C			
B	D	A	C	55.325	2	TN02-200
B	D	A	C			
B	D	A	C	55.127	2	S03-1906
B	D	A	C			
B	D	A	C	54.665	2	LS03D-2825
B	D	A	C			
B	D	A	C	54.467	2	AG 4903
B	D	A	C			
B	D	A	C	54.153	2	S03-1904
B	D	A	C			
B	D	A	C	53.889	2	AG 4403
B	D	A	C			
B	D	A	C	53.823	2	JTN-4106

2006 REGIONAL SOYBEAN TEST - Local Anova 61
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=STONEVILLE,MS(L) TTYPE=PIVS -----

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY		
B	D	A	C					
B	D	A	C	53.790	2	S04-6013		
B	D	A	C					
E	B	D	A	C	53.015	2	K04-4553RR	
E	B	D	A	C				
E	B	D	A	C	52.388	2	LS03-5898	
E	B	D	A	C				
E	B	D	A	C	52.305	2	S04-5963	
E	B	D	A	C				
E	B	D	A	C	51.777	2	R03-818	
E	B	D	A	C				
E	B	D	A	C	F	51.431	2	K04-2713RR
E	B	D	C	F				
E	B	D	G	C	F	50.243	2	R98-1692
E	B	D	G	C	F			
E	B	D	G	C	F	49.418	2	MD 03-81 RR
E	B	D	G	C	F			
E	B	D	G	C	F	48.939	2	K04-3083RR
E		D	G	C	F			
E		D	G	C	F	47.933	2	LS03-5236
E		D	G	C	F			
E		D	G	C	F	47.801	2	LS03-4953
E		D	G	C	F			
E		D	G	C	F	47.405	2	TN03-233
E		D	G		F			
E		D	G		F	45.623	2	MD 03-6420
E			G		F			
E	H		G		F	42.554	2	S04-1195

H	G	F			
H	G	F	40.755	2	S04-4510
H	G				
H	G		39.881	2	TN02-064RR
H					
H			34.667	2	MD 03-5517
H					
H			33.083	2	R00-2351F

2006 REGIONAL SOYBEAN TEST - Local Anova 62
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=ULLIN,IL(L) TTYPE=PIVS -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	35	5002T AG 4403 AG 4903 DK 4866 JTN-4106 K04-2713RR K04-3083RR K04-4267RR K04-4274RR K04-4553RR LS03-4303 LS03-4953 LS03-5236 LS03-5898 LS03D-2825 MD 03-4 RR MD 03-5517 MD 03-6420 MD 03-68 RR MD 03-81 RR R00-1170F R00-2351F R00-764 R03-818 R98-1692 S03-1904 S03-1906 S04-1195 S04-4510 S04-5963 S04-6013 TN02-064RR TN02-200 TN03-233 TN03-234
REP	2	1 2

Number of Observations Read 70
 Number of Observations Used 70

2006 REGIONAL SOYBEAN TEST - Local Anova 63
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=ULLIN,IL(L) TTYPE=PIVS -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	35	4949.951671	141.427191	6.07	<.0001
Error	34	792.738428	23.315836		
Corrected Total	69	5742.690099			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.861957	8.811915	4.828647	54.79680

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	80.237188	80.237188	3.44	0.0723
VARIETY	34	4869.714483	143.226897	6.14	<.0001

2006 REGIONAL SOYBEAN TEST - Local Anova 64
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=ULLIN,IL(L) TTYPE=PIVS -----

The ANOVA Procedure

t Tests (LSD) for YIELD

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

Alpha 0.05
 Error Degrees of Freedom 34
 Error Mean Square 23.31584
 Critical Value of t 2.03224
 Least Significant Difference 9.813

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY
			A	66.504	2	K04-4274RR
			A			
B			A	63.960	2	K04-4267RR
B			A			
B			A	63.816	2	LS03D-2825
B			A			
B			A	63.416	2	TN02-064RR
B			A			
B	D		A	62.176	2	AG 4903
B	D		A			
E	B	D	A	61.488	2	LS03-5236
E	B	D	A			
E	B	D	A	61.016	2	MD 03-4 RR
E	B	D	A			
E	B	D	A	60.328	2	AG 4403
E	B	D	A			
E	B	D	A	60.248	2	5002T
E	B	D	A			
E	B	D	A	60.216	2	K04-4553RR
E	B	D	A			
E	B	D	A	60.152	2	LS03-4953
E	B	D	A			
E	B	D	A	59.272	2	R03-818
E	B	D	A			
E	B	D	H	58.952	2	R00-764
E	B	D	H			

E	B	D	H	A	G	C	F	58.944	2	TN03-233
E	B	D	H	A	G	C	F			
E	B	D	H	A	G	C	F	58.624	2	LS03-5898

2006 REGIONAL SOYBEAN TEST - Local Anova 65
 ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=ULLIN,IL(L) TTYPE=PIVS -----

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	58.216	2	JTN-4106	
E	B	D	H	A	G	C	F				
E	B	D	H	A	G	C	F	58.184	2	DK 4866	
E	B	D	H	A	G	C	F				
E	B	I	D	H	A	G	C	F	57.640	2	S04-6013
E	B	I	D	H		G	C	F	56.152	2	S03-1906
E	B	I	D	H		G	C	F			
E	B	I	D	H	J	G	C	F	55.240	2	TN03-234
E	B	I	D	H	J	G	C	F			
E	B	I	D	H	J	G	C	F	54.296	2	MD 03-68 RR
E		I	D	H	J	G	C	F			
E		I	D	H	J	G	C	F	53.752	2	S04-5963
E		I	D	H	J	G		F			
E		I	D	H	J	G		F	53.240	2	MD 03-6420
E		I	D	H	J	G		F			
E	K	I	D	H	J	G		F	52.520	2	S03-1904
E	K	I	D	H	J	G		F			
E	K	I	D	H	J	G		F	52.376	2	K04-3083RR
E	K	I		H	J	G		F			
E	K	I		H	J	G		F	52.192	2	LS03-4303
	K	I		H	J	G		F			
	K	I		H	J	G		F	51.280	2	MD 03-81 RR
	K	I		H	J	G					
	K	I		H	J	G			50.416	2	S04-1195
	K	I		H	J						
	K	I		H	J				49.432	2	K04-2713RR
	K	I			J						
	K	I			J				48.056	2	R00-1170F
	K				J						
	K				J	L			45.944	2	S04-4510
	K				J	L					
	K				J	L			45.472	2	R00-2351F
	K					L					
	K					L			42.816	2	R98-1692
						L					
						L			38.168	2	MD 03-5517

M 23.384 2 TN02-200

2006 REGIONAL SOYBEAN TEST - Local Anova 66
ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=WARSAW,VA(L) TTYPE=PIVS -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	35	5002T AG 4403 AG 4903 DK 4866 JTN-4106 K04-2713RR K04-3083RR K04-4267RR K04-4274RR K04-4553RR LS03-4303 LS03-4953 LS03-5236 LS03-5898 LS03D-2825 MD 03-4 RR MD 03-5517 MD 03-6420 MD 03-68 RR MD 03-81 RR R00-1170F R00-2351F R00-764 R03-818 R98-1692 S03-1904 S03-1906 S04-1195 S04-4510 S04-5963 S04-6013 TN02-064RR TN02-200 TN03-233 TN03-234
REP	2	1 2

Number of Observations Read 70
Number of Observations Used 70

2006 REGIONAL SOYBEAN TEST - Local Anova 67
ANALYSIS OF YIELD 14:26 Friday, February 2, 2007

----- LOCATION=WARSAW,VA(L) TTYPE=PIVS -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	35	1486.366943	42.467627	3.77	<.0001
Error	34	383.117840	11.268172		
Corrected Total	69	1869.484783			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.795068	7.424996	3.356810	45.20958

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	515.2643553	515.2643553	45.73	<.0001
VARIETY	34	971.1025872	28.5618408	2.53	0.0041

2006 REGIONAL SOYBEAN TEST - Local Anova 68

----- LOCATION=WARSAW,VA(L) TTYPE=PIVS -----

The ANOVA Procedure

t Tests (LSD) for YIELD

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

Alpha	0.05
Error Degrees of Freedom	34
Error Mean Square	11.26817
Critical Value of t	2.03224
Least Significant Difference	6.8219

Means with the same letter are not significantly different.

t Grouping		Mean	N	VARIETY
	A	51.104	2	K04-4553RR
	A			
	A	50.944	2	TN02-064RR
	A			
B	A	50.850	2	5002T
B	A			
B	A C	50.396	2	AG 4903
B	A C			
B D	A C	49.529	2	S04-5963
B D	A C			
B D	A C	49.141	2	R00-1170F
B D	A C			
B D	A C	49.035	2	S03-1904
B D	A C			
B D	A C	48.914	2	LS03-4303
B D	A C			
E B D	A C	48.647	2	MD 03-6420
E B D	A C			
E B D	A C F	48.033	2	K04-2713RR
E B D	A C F			
E B D	A C F	47.846	2	S03-1906
E B D	A C F			
E B D	A C F	47.793	2	K04-3083RR
E B D	A C F			
E B D	A C F	47.526	2	K04-4274RR
E B D	A C F			
E B D	A G C F	47.192	2	DK 4866
E B D	A G C F			
E B D	A G C F	46.778	2	TN03-234

----- LOCATION=WARSAW,VA(L) TTYPE=PIVS -----

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		A	G	C	F	46.164	2	MD 03-4 RR
E	B	D		A	G	C	F			
E	B	D		A	G	C	F	45.216	2	LS03-5898
E	B	D		A	G	C	F			
E	B	D		A	G	C	F	45.190	2	LS03D-2825
E	B	D		A	G	C	F			
E	B	D		A	G	C	F	44.816	2	TN03-233
E	B	D		A	G	C	F			
E	B	D	H	A	G	C	F	44.295	2	K04-4267RR
E	B	D	H		G	C	F			
E	B	D	H		G	C	F	44.082	2	S04-6013
E		D	H		G	C	F			
E		D	H		G	C	F	43.775	2	S04-4510
E		D	H		G		F			
E		D	H		G		F	42.880	2	LS03-4953
E		D	H		G		F			
E		D	H		G		F	42.840	2	JTN-4106
E			H		G		F			
E			H		G		F	41.892	2	LS03-5236
E			H		G		F			
E			H		G		F	41.866	2	R00-2351F
E			H		G		F			
E			H		G		F	41.839	2	R03-818
			H		G		F			
			H		G		F	41.732	2	MD 03-81 RR
			H		G		F			
			H		G		F	41.679	2	S04-1195
			H		G		F			
			H		G		F	41.652	2	AG 4403
			H		G		F			
			H		G		F	41.358	2	TN02-200
			H		G		F			
			H		G		F	41.358	2	R00-764
			H		G					
			H		G			40.664	2	MD 03-68 RR
			H							
			H					37.754	2	MD 03-5517
			H							
			H					37.554	2	R98-1692