

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

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14:19 Friday, February 2, 2007

LOCATION	TTYPE	VARIETY	REP	CKDATE
BIXBY,OK(E)	PIVS	AG 4201	.	.
		AG 4201	1	.
		AG 4201	2	.
JACKSON,TN(E)	PIVS	AG 4201	.	09/16
		AG 4201	1	09/14
		AG 4201	2	09/19
KNOXVILLE, TN(E)	PIVS	AG 4201	.	09/12
		AG 4201	1	09/15
		AG 4201	2	09/09
MILAN, TN(E)	PIVS	AG 4201	.	10/02
		AG 4201	1	10/02
		AG 4201	2	10/02
ORANGE, VA(E)	PIVS	AG 4201	.	09/21
		AG 4201	1	09/22
		AG 4201	2	09/21
PINE TREE,AR(E)	PIVS	AG 4201	.	09/15
		AG 4201	1	09/15
		AG 4201	2	09/15
PLYMOUTH,NC(E)	PIVS	AG 4201	.	10/08
		AG 4201	1	10/08
		AG 4201	2	10/08
PORTAGEVILLE,MO(E)	PIVS	AG 4201	.	09/10
		AG 4201	1	09/10
		AG 4201	2	.
QUEENSTOWN,MD(E)	PIVS	AG 4201	.	10/13
		AG 4201	1	10/13
		AG 4201	2	10/13
ROHWER,AR(E)	PIVS	AG 4201	.	09/15
		AG 4201	1	09/15
		AG 4201	2	09/15
STONEVILLE,MS(E)	PIVS	AG 4201	.	09/10
		AG 4201	1	09/10
		AG 4201	2	.
WARSAW,VA(E)	PIVS	AG 4201	.	10/06

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

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14:19 Friday, February 2, 2007

LOCATION	TTYPE	VARIETY	REP	CKDATE
WARSAW,VA(E)	PIVS	AG 4201	1	10/06
		AG 4201	2	10/06

2006 REGIONAL SOYBEAN TEST - Local Anova 3
LIST OF VARIETY MEANS 14:19 Friday, February 2, 2007

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	2	21.936	.	.	26	.	18.9	42.9	18.3
2	AG 4403	2	27.264	.	.	24	.	14.9	40.3	19.5
3	AG 3906	2	24.624	.	.	20	.	19.1	42.9	17.7
4	LD00-3309	2	22.832	.	.	18	.	12.4	40.7	18.4
5	DS-97-94-9	2	26.848	.	.	18	.	12.5	38.5	18.8
6	DS-LG01-5087	2	29.312	.	.	19	.	16.6	39.7	18.8
7	MD 02-651RR	2	22.512	.	.	23	.	16.1	41.1	18.3
8	MD 0304 WN 79	2	15.664	.	.	17	.	14.0	44.1	12.6
9	MD 03-5435	2	24.864	.	.	27	.	18.0	42.6	17.1
10	MD 03-5759	2	23.744	.	.	24	.	16.3	47.6	14.5
11	MD 03-5842	2	6.624	.	.	22	.	16.9	50.7	13.7
12	S03-2114	2	20.192	.	.	24	.	15.1	39.9	19.1
13	S04-3940	2	22.896	.	.	17	.	17.1	39.3	18.7
14	S04-5969	2	25.296	.	.	26	.	15.0	39.3	19.5
15	S04-5997	2	22.448	.	.	20	.	16.0	41.0	18.8
16	S04-6001	2	25.728	.	.	21	.	15.4	40.9	19.2
17	S04-6008	2	23.280	.	.	18	.	15.2	40.2	19.5
18	TN03-235	2	24.224	.	.	19	.	16.5	44.1	16.2
19	TN04-509RR	2	27.104	.	.	22	.	13.3	40.8	18.0
20	TN05-4008	2	26.576	.	.	19	.	16.0	42.1	17.6
21	V02-7180	2	18.496	.	.	22	.	17.5	43.8	16.7
22	V02-8655	2	18.416	.	.	22	.	14.7	44.0	18.2
23	V02-8657	2	19.296	.	.	25	.	13.7	44.9	17.8
24	V02-8659	2	19.904	.	.	22	.	15.2	44.8	18.1

2006 REGIONAL SOYBEAN TEST - Local Anova 4
LIST OF VARIETY MEANS 14:19 Friday, February 2, 2007

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	2	30.736	0.0	1.0	32.5	2.0	14.0	.	.
2	AG 4403	2	30.968	1.5	1.0	33.0	2.0	12.0	.	.
3	AG 3906	2	25.248	-2.5	1.0	26.0	2.5	16.0	.	.
4	LD00-3309	2	22.640	-8.5	1.0	25.5	2.0	11.5	.	.
5	DS-97-94-9	2	28.696	-2.5	1.0	23.0	1.5	11.0	.	.
6	DS-LG01-5087	2	27.472	4.0	2.5	37.0	2.0	11.5	.	.
7	MD 02-651RR	2	30.672	0.0	1.0	27.5	2.0	12.5	.	.
8	MD 0304 WN 79	2	24.008	4.0	1.0	27.0	1.5	13.5	.	.
9	MD 03-5435	2	25.032	-1.5	1.0	28.0	2.5	13.5	.	.
10	MD 03-5759	2	28.688	0.0	1.0	33.5	1.0	13.0	.	.
11	MD 03-5842	2	24.992	-8.5	1.0	28.0	3.0	15.0	.	.
12	S03-2114	2	33.288	-2.5	1.0	35.5	1.5	12.5	.	.
13	S04-3940	2	33.784	5.5	1.0	31.0	3.0	14.0	.	.

14	S04-5969	2	33.280	-2.5	1.0	36.0	1.5	12.0	.	.
15	S04-5997	2	31.080	2.5	1.0	35.5	2.0	12.0	.	.
16	S04-6001	2	30.984	4.0	1.0	34.5	2.0	12.5	.	.
17	S04-6008	2	19.600	0.0	1.0	33.5	2.0	11.0	.	.
18	TN03-235	2	32.208	4.0	1.0	24.5	1.0	14.0	.	.
19	TN04-509RR	2	30.496	2.5	1.0	43.0	1.5	11.5	.	.
20	TN05-4008	2	34.616	-2.5	1.0	29.5	2.0	13.0	.	.
21	V02-7180	2	12.192	2.5	1.0	20.0	2.0	13.0	.	.
22	V02-8655	2	25.720	-8.5	1.5	32.5	2.0	12.0	.	.
23	V02-8657	2	24.240	-8.5	1.0	33.0	2.0	10.5	.	.
24	V02-8659	2	23.408	-8.5	1.0	33.5	2.0	11.0	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 5
LIST OF VARIETY MEANS 14:19 Friday, February 2, 2007

----- LOCATION=KNOXVILLE,TN(E) TTYPE=PIVS -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	2	34.28	0.0	2.25	25.0	4	15.6	41.3	22.4
2	AG 4403	2	27.77	1.0	1.25	25.5	3	12.7	39.3	24.3
3	AG 3906	2	30.68	-3.5	1.75	24.5	4	17.1	42.4	22.1
4	LD00-3309	2	25.29	-7.0	1.25	23.0	3	10.7	41.9	20.0
5	DS-97-94-9	2	46.04	9.0	1.75	23.0	2	11.4	40.2	20.6
6	DS-LG01-5087	2	41.04	10.5	2.25	36.0	3	16.4	40.0	21.5
7	MD 02-651RR	2	30.49	-3.0	1.75	23.0	3	11.9	42.6	21.3
8	MD 0304 WN 79	2	22.78	1.0	1.50	21.5	4	14.0	43.4	18.8
9	MD 03-5435	2	38.25	0.0	2.00	25.0	3	14.8	39.9	22.1
10	MD 03-5759	2	33.13	4.5	2.00	31.5	2	15.4	47.0	16.4
11	MD 03-5842	2	24.66	-14.5	1.50	24.0	5	16.8	49.5	16.6
12	S03-2114	2	35.90	3.0	2.25	30.0	3	13.2	38.3	21.9
13	S04-3940	2	36.84	4.0	2.00	26.5	4	14.7	37.8	22.8
14	S04-5969	2	42.06	1.5	1.75	31.0	2	12.8	37.8	24.1
15	S04-5997	2	40.16	4.0	2.00	30.5	3	13.6	38.4	22.9
16	S04-6001	2	29.14	3.5	2.00	27.5	3	12.8	37.9	24.9
17	S04-6008	2	43.75	4.5	2.25	31.0	3	12.1	37.0	24.7
18	TN03-235	2	46.33	10.0	2.25	26.0	2	16.3	40.6	19.8
19	TN04-509RR	2	40.37	4.5	1.00	34.0	2	13.0	39.7	21.4
20	TN05-4008	2	32.66	-2.5	1.75	23.0	4	14.1	39.8	22.2
21	V02-7180	2	26.99	-4.0	1.25	22.0	4	14.6	41.9	20.8
22	V02-8655	2	32.45	-6.5	2.00	26.5	5	12.4	43.6	22.7
23	V02-8657	2	28.81	-7.0	1.25	28.0	4	12.2	43.0	22.4
24	V02-8659	2	30.01	-6.0	1.50	26.5	3	11.9	42.8	22.7

2006 REGIONAL SOYBEAN TEST - Local Anova 6
LIST OF VARIETY MEANS 14:19 Friday, February 2, 2007

----- LOCATION=MILAN,TN(E) TTYPE=PIVS -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	2	74.13	0.0	1.5	.	.	.	.	.
2	AG 4403	2	80.87	0.0	1.0	.	.	.	.	.
3	AG 3906	2	82.78	0.0	1.0	.	.	.	.	.
4	LD00-3309	2	84.77	-3.5	1.0	.	.	.	.	.
5	DS-97-94-9	2	62.72	3.5	2.0	.	.	.	.	.
6	DS-LG01-5087	2	79.35	7.0	3.0	.	.	.	.	.

7	MD 02-651RR	2	78.73	0.0	1.5	.	.	.	.	.
8	MD 0304 WN 79	2	46.23	7.0	1.0	.	.	.	.	.
9	MD 03-5435	2	77.15	0.0	1.0	.	.	.	.	.
10	MD 03-5759	2	62.60	0.0	1.0	.	.	.	.	.
11	MD 03-5842	2	57.06	-13.0	1.0	.	.	.	.	.
12	S03-2114	2	73.23	0.0	1.5	.	.	.	.	.
13	S04-3940	2	74.53	0.0	1.0	.	.	.	.	.
14	S04-5969	2	80.23	0.0	1.0	.	.	.	.	.
15	S04-5997	2	84.04	0.0	1.0	.	.	.	.	.
16	S04-6001	2	80.74	0.0	1.5	.	.	.	.	.
17	S04-6008	2	83.57	0.0	1.5	.	.	.	.	.
18	TN03-235	2	78.01	7.0	2.0	.	.	.	.	.
19	TN04-509RR	2	68.04	0.0	2.5	.	.	.	.	.
20	TN05-4008	2	84.17	3.5	2.0	.	.	.	.	.
21	V02-7180	2	78.36	0.0	1.5	.	.	.	.	.
22	V02-8655	2	74.77	-7.0	3.0	.	.	.	.	.
23	V02-8657	2	72.61	0.0	2.5	.	.	.	.	.
24	V02-8659	2	79.68	-7.0	3.0	.	.	.	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 7
LIST OF VARIETY MEANS 14:19 Friday, February 2, 2007

----- LOCATION=ORANGE,VA(E) TTYPE=PIVS -----

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	2	25.7908	0.0	1.5	33.0	1.75	13.90	41.4	19.7
2	AG 4403	2	31.7932	10.5	1.0	38.5	1.25	13.30	38.2	21.2
3	AG 3906	2	28.6822	5.0	1.5	32.5	2.25	14.80	40.7	20.2
4	LD00-3309	2	22.0820	-3.0	1.0	33.0	4.00	8.05	41.6	18.4
5	DS-97-94-9	2	35.8070	10.5	2.0	29.5	1.00	12.35	36.8	19.5
6	DS-LG01-5087	2	37.1856	17.5	2.0	38.5	1.50	15.10	39.1	19.6
7	MD 02-651RR	2	22.4480	-1.0	1.5	34.5	2.00	11.40	36.5	21.6
8	MD 0304 WN 79	2	27.4256	14.0	1.0	29.0	1.25	15.25	42.2	18.6
9	MD 03-5435	2	19.0930	-1.0	1.0	33.0	2.00	13.45	40.9	18.6
10	MD 03-5759	2	29.6460	12.0	2.0	37.5	1.00	16.45	48.9	15.4
11	MD 03-5842	2	13.7860	-3.5	1.0	33.0	4.50	10.95	49.6	14.0
12	S03-2114	2	28.6700	12.0	1.0	42.0	1.25	15.05	38.2	20.7
13	S04-3940	2	30.9514	10.5	2.0	33.5	2.00	15.60	38.2	20.2
14	S04-5969	2	29.7924	10.5	1.0	36.5	1.75	14.10	37.7	21.6
15	S04-5997	2	34.6480	10.5	1.0	37.5	1.25	15.75	38.5	21.4
16	S04-6001	2	32.4520	10.5	1.5	36.0	1.50	14.25	39.0	21.5
17	S04-6008	2	34.1478	12.0	1.0	33.5	2.00	14.00	38.5	21.8
18	TN03-235	2	41.1628	17.5	2.0	31.5	1.75	17.00	38.8	19.7
19	TN04-509RR	2	36.2218	17.5	2.0	38.5	1.25	15.45	39.2	19.8
20	TN05-4008	2	24.5220	-1.5	1.5	31.5	3.00	11.00	37.6	20.0
21	V02-7180	2	16.6774	-3.5	1.0	35.5	3.00	11.75	38.6	20.3
22	V02-8655	2	26.7546	-2.5	1.5	36.0	3.00	10.90	42.3	21.0
23	V02-8657	2	23.4484	-1.0	1.0	38.5	3.25	11.05	42.5	20.2
24	V02-8659	2	23.6558	-3.5	1.5	37.5	3.25	10.60	42.4	20.5

2006 REGIONAL SOYBEAN TEST - Local Anova 8
LIST OF VARIETY MEANS 14:19 Friday, February 2, 2007

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
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1	AG 4201	2	66.7681	0.0	2.00	37.0	3.50	16.35	.	.
2	AG 4403	2	58.0398	1.0	1.75	44.0	4.00	14.75	.	.
3	AG 3906	2	62.2018	-7.0	1.50	33.0	3.75	17.95	.	.
4	LD00-3309	2	70.3151	-14.0	1.25	34.5	3.50	13.00	.	.
5	DS-97-94-9	2	43.8353	2.0	1.50	20.0	3.75	12.05	.	.
6	DS-LG01-5087	2	65.5549	5.0	4.00	45.0	3.25	13.45	.	.
7	MD 02-651RR	2	66.1110	-1.0	2.00	37.5	3.50	13.65	.	.
8	MD 0304 WN 79	2	45.0485	14.5	2.00	29.5	3.75	15.20	.	.
9	MD 03-5435	2	53.6925	-1.5	1.50	31.5	3.00	15.50	.	.
10	MD 03-5759	2	53.9453	1.5	3.00	46.5	2.50	17.45	.	.
11	MD 03-5842	2	55.5545	-14.0	1.00	32.0	3.50	17.90	.	.
12	S03-2114	2	56.3885	3.0	2.75	40.0	4.00	14.75	.	.
13	S04-3940	2	68.9839	2.0	1.75	37.0	3.50	14.25	.	.
14	S04-5969	2	68.3099	-0.5	2.00	42.5	3.25	14.15	.	.
15	S04-5997	2	62.1765	0.0	2.25	42.5	4.00	14.40	.	.
16	S04-6001	2	71.2418	2.0	2.00	42.5	3.75	14.05	.	.
17	S04-6008	2	70.1634	3.5	2.25	41.0	3.75	12.80	.	.
18	TN03-235	2	70.4836	6.5	1.75	24.0	2.75	15.35	.	.
19	TN04-509RR	2	62.6736	2.0	3.50	44.5	3.75	14.05	.	.
20	TN05-4008	2	71.3008	-4.0	2.00	38.5	3.25	14.35	.	.
21	V02-7180	2	64.6366	-9.0	1.25	34.5	3.75	15.25	.	.
22	V02-8655	2	74.3001	-8.5	2.00	33.0	3.00	15.75	.	.
23	V02-8657	2	68.3773	-5.0	2.75	37.0	3.50	14.50	.	.
24	V02-8659	2	67.4169	-3.5	1.50	36.0	4.00	15.25	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 9
LIST OF VARIETY MEANS 14:19 Friday, February 2, 2007

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	2	50.8259	0.0	2.00	30.5	2.00	14.185	41.0	20.5
2	AG 4403	2	49.9608	-0.5	3.00	35.0	1.50	11.575	38.2	21.7
3	AG 3906	2	49.7081	-6.5	2.25	29.5	1.75	13.905	38.6	22.2
4	LD00-3309	2	52.3325	-8.5	2.00	32.0	2.00	12.735	39.6	20.2
5	DS-97-94-9	2	32.9119	-9.5	3.00	20.0	2.50	10.755	38.4	19.6
6	DS-LG01-5087	2	42.4667	1.0	3.50	40.0	2.00	13.225	39.2	20.0
7	MD 02-651RR	2	50.8550	-1.5	2.00	31.0	2.50	12.730	39.8	20.4
8	MD 0304 WN 79	2	29.1989	-2.5	1.75	25.0	2.00	12.900	45.4	15.9
9	MD 03-5435	2	42.3014	-10.5	1.75	28.0	2.50	14.180	40.0	19.4
10	MD 03-5759	2	37.0818	-4.5	3.00	33.0	2.25	14.010	50.6	14.8
11	MD 03-5842	2	35.2253	-17.5	2.00	29.0	2.50	16.490	52.9	13.7
12	S03-2114	2	37.7233	-3.5	2.50	32.0	1.50	12.810	37.1	20.9
13	S04-3940	2	44.9356	-2.0	3.00	32.5	2.50	13.470	39.7	19.0
14	S04-5969	2	47.2878	-3.5	2.25	33.0	1.50	11.965	36.1	22.8
15	S04-5997	2	44.8578	-2.0	3.00	35.0	1.50	11.840	36.3	22.9
16	S04-6001	2	46.3644	-0.5	2.75	34.0	1.50	12.465	36.1	22.5
17	S04-6008	2	45.5090	-1.0	3.25	34.5	1.50	11.545	36.1	22.9
18	TN03-235	2	46.7726	-2.0	2.25	23.0	1.25	13.820	38.6	19.2
19	TN04-509RR	2	33.7381	-7.5	2.75	37.0	2.00	11.300	35.0	20.2
20	TN05-4008	2	48.6486	-1.5	3.75	30.0	1.50	11.985	38.3	20.5
21	V02-7180	2	41.4655	-11.0	3.50	30.5	1.75	13.280	40.9	19.3
22	V02-8655	2	40.3574	-13.5	3.75	30.5	2.00	12.845	40.1	21.7
23	V02-8657	2	39.0161	-13.5	3.75	30.5	1.75	12.120	40.9	21.4
24	V02-8659	2	41.9029	-13.0	3.75	31.0	1.25	12.685	41.9	20.1

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	2	57.1335	0	1.0	34	4	12.5	40.8	21.5
2	AG 4403	2	62.5578	4	1.0	39	4	10.8	37.8	22.7
3	AG 3906	2	54.0093	0	1.5	34	3	14.7	39.2	22.8
4	LD00-3309	2	59.9256	0	1.5	35	4	11.2	40.2	20.8
5	DS-97-94-9	2	47.9331	1	1.0	12	3	9.0	41.9	18.2
6	DS-LG01-5087	2	56.4447	7	3.5	46	4	10.5	39.0	21.3
7	MD 02-651RR	2	39.9012	1	1.0	29	4	13.4	41.5	20.2
8	MD 0304 WN 79	2	46.1619	4	2.5	34	3	12.1	44.2	17.6
9	MD 03-5435	2	51.6108	0	1.0	25	3	11.3	40.8	19.9
10	MD 03-5759	2	46.5432	2	2.0	44	3	12.0	48.7	15.9
11	MD 03-5842	2	44.6121	-1	1.0	21	4	13.9	48.8	15.4
12	S03-2114	2	53.8494	2	2.0	37	3	11.4	39.2	20.7
13	S04-3940	2	59.0769	3	2.0	35	4	11.8	37.2	20.5
14	S04-5969	2	57.2442	2	1.0	40	4	11.1	38.4	22.4
15	S04-5997	2	57.2811	3	2.0	39	3	11.9	38.4	22.8
16	S04-6001	2	55.8174	3	2.0	41	3	10.8	38.0	23.1
17	S04-6008	2	54.6612	3	2.0	41	4	10.4	38.3	23.3
18	TN03-235	2	53.1729	4	1.0	20	3	12.2	39.5	20.0
19	TN04-509RR	2	47.9208	1	2.5	42	4	10.6	39.7	19.7
20	TN05-4008	2	57.2565	-1	2.0	33	4	11.6	38.7	21.8
21	V02-7180	2	56.5431	-10	2.0	26	4	11.9	40.1	21.0
22	V02-8655	2	43.3452	-10	2.5	34	4	11.9	42.7	22.2
23	V02-8657	2	59.5443	-10	2.5	32	4	11.2	43.8	21.1
24	V02-8659	2	46.0635	-10	2.5	31	4	11.1	42.7	21.7

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	2	31.1500	0.0	1.00	22.5	1.75	14.70	41.1	19.6
2	AG 4403	2	28.2375	0.0	1.25	22.0	2.00	12.40	40.3	19.3
3	AG 3906	2	32.0750	-1.0	1.50	23.0	1.75	15.85	41.8	19.4
4	LD00-3309	2	27.2625	-5.0	1.00	22.0	2.00	11.85	39.6	19.5
5	DS-97-94-9	2	20.0875	0.0	1.25	17.5	2.00	9.55	38.3	18.1
6	DS-LG01-5087	2	32.5000	2.0	1.75	29.0	1.50	12.45	38.0	19.1
7	MD 02-651RR	2	25.9750	-2.0	1.50	22.5	1.50	13.65	40.4	19.1
8	MD 0304 WN 79	2	30.5625	-6.5	1.25	18.0	1.00	12.40	43.1	17.2
9	MD 03-5435	2	28.8375	-3.0	1.50	23.5	2.00	15.60	40.9	18.6
10	MD 03-5759	2	26.7125	-6.0	1.00	23.0	1.50	12.30	46.8	15.0
11	MD 03-5842	2	28.7000	-17.0	1.25	18.5	2.00	12.55	48.6	14.6
12	S03-2114	2	24.6500	0.0	1.50	25.0	1.75	12.05	41.5	18.5
13	S04-3940	2	30.9500	0.0	1.50	23.0	2.00	13.75	39.4	19.0
14	S04-5969	2	27.1750	-5.0	1.25	24.0	1.50	12.35	35.0	21.1
15	S04-5997	2	29.1000	-1.0	1.50	25.0	1.50	13.55	38.4	20.0
16	S04-6001	2	26.1750	-2.0	1.50	24.5	1.75	13.05	38.2	20.1
17	S04-6008	2	29.1125	0.0	1.25	23.5	1.75	11.85	37.6	20.8

18	TN03-235	2	23.1375	0.0	1.50	17.5	1.00	12.45	41.4	17.5
19	TN04-509RR	2	26.3375	-4.0	2.00	25.0	1.25	11.85	40.1	17.6
20	TN05-4008	2	30.9500	-2.0	1.75	19.5	1.75	12.55	36.8	19.4
21	V02-7180	2	30.3500	-8.0	1.25	18.5	1.50	12.50	40.2	18.9
22	V02-8655	2	25.1750	-7.5	2.00	24.0	1.75	11.00	42.0	19.8
23	V02-8657	2	23.4500	-9.0	2.25	25.0	1.75	11.35	42.3	18.5
24	V02-8659	2	26.5875	-9.0	1.75	29.0	1.75	11.80	41.8	19.3

2006 REGIONAL SOYBEAN TEST - Local Anova 12
LIST OF VARIETY MEANS 14:19 Friday, February 2, 2007

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	2	72.4027	0.0	.	35.5	.	.	.	.
2	AG 4403	2	62.7507	1.0	.	40.0	.	.	.	.
3	AG 3906	2	58.6273	-3.0	.	34.0	.	.	.	.
4	LD00-3309	2	53.0566	-3.5	.	31.5	.	.	.	.
5	DS-97-94-9	2	27.2225	2.0	.	18.0	.	.	.	.
6	DS-LG01-5087	2	59.7297	3.0	.	40.5	.	.	.	.
7	MD 02-651RR	2	53.7466	1.5	.	31.0	.	.	.	.
8	MD 0304 WN 79	2	35.3514	1.0	.	26.0	.	.	.	.
9	MD 03-5435	2	45.5336	0.5	.	30.0	.	.	.	.
10	MD 03-5759	2	60.8825	1.5	.	39.0	.	.	.	.
11	MD 03-5842	2	38.5155	-3.5	.	30.0	.	.	.	.
12	S03-2114	2	63.5501	-1.0	.	37.5	.	.	.	.
13	S04-3940	2	61.8671	2.5	.	32.0	.	.	.	.
14	S04-5969	2	62.7086	1.5	.	40.5	.	.	.	.
15	S04-5997	2	60.4197	0.5	.	40.0	.	.	.	.
16	S04-6001	2	61.5305	2.0	.	38.0	.	.	.	.
17	S04-6008	2	58.8545	0.5	.	38.0	.	.	.	.
18	TN03-235	2	68.1699	2.5	.	24.0	.	.	.	.
19	TN04-509RR	2	44.7678	-1.0	.	39.0	.	.	.	.
20	TN05-4008	2	59.7381	0.0	.	34.0	.	.	.	.
21	V02-7180	2	49.5391	-2.0	.	33.5	.	.	.	.
22	V02-8655	2	58.0551	-4.0	.	36.5	.	.	.	.
23	V02-8657	2	48.5125	-6.0	.	37.5	.	.	.	.
24	V02-8659	2	51.6008	-6.0	.	37.0	.	.	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 13
LIST OF VARIETY MEANS 14:19 Friday, February 2, 2007

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	2	57.2715	0	2	32	2	.	.	.
2	AG 4403	2	52.1730	0	2	34	2	.	.	.
3	AG 3906	2	52.4700	-3	2	32	2	.	.	.
4	LD00-3309	2	46.8270	-3	2	28	2	.	.	.
5	DS-97-94-9	2	29.4690	4	2	20	2	.	.	.
6	DS-LG01-5087	2	43.9230	6	2	38	2	.	.	.
7	MD 02-651RR	2	41.5140	3	2	27	2	.	.	.
8	MD 0304 WN 79	2	26.4825	3	2	26	2	.	.	.
9	MD 03-5435	2	40.4085	-1	2	28	2	.	.	.
10	MD 03-5759	2	42.0750	4	3	38	2	.	.	.

11	MD 03-5842	2	26.2845	-4	2	26	2	.	.	.
12	S03-2114	2	34.2705	0	3	38	2	.	.	.
13	S04-3940	2	41.3325	3	3	28	2	.	.	.
14	S04-5969	2	49.2195	1	3	36	2	.	.	.
15	S04-5997	2	48.5100	1	2	38	2	.	.	.
16	S04-6001	2	44.4180	1	2	38	2	.	.	.
17	S04-6008	2	47.8665	1	2	38	2	.	.	.
18	TN03-235	2	47.3550	12	2	20	2	.	.	.
19	TN04-509RR	2	35.6400	0	3	40	2	.	.	.
20	TN05-4008	2	49.6815	2	2	32	2	.	.	.
21	V02-7180	2	.	.	.	.	.	.	.	.
22	V02-8655	2	.	.	.	.	.	.	.	.
23	V02-8657	2	.	.	.	.	.	.	.	.
24	V02-8659	2	.	.	.	.	.	.	.	.

2006 REGIONAL SOYBEAN TEST - Local Anova 14
LIST OF VARIETY MEANS 14:19 Friday, February 2, 2007

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LOGGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	2	44.3754	0.0	1.20	25.0	1.90	16.70	43.0	19.1
2	AG 4403	2	46.4847	0.5	1.35	26.0	1.50	13.45	39.0	20.8
3	AG 3906	2	44.2686	-2.0	1.35	24.5	1.90	16.60	41.4	20.8
4	LD00-3309	2	43.2941	-2.5	1.10	24.0	2.50	13.90	40.1	19.9
5	DS-97-94-9	2	41.9858	5.0	2.15	22.5	1.65	11.45	38.9	18.4
6	DS-LG01-5087	2	48.7676	8.5	2.30	30.0	2.80	13.80	40.4	19.0
7	MD 02-651RR	2	43.4543	1.0	1.10	24.0	1.65	15.00	39.6	20.2
8	MD 0304 WN 79	2	31.0121	7.5	1.25	19.5	2.00	14.05	45.3	15.4
9	MD 03-5435	2	46.5515	0.0	1.25	26.0	2.10	16.40	41.6	18.8
10	MD 03-5759	2	38.0609	1.0	1.60	27.0	1.65	15.55	49.0	15.0
11	MD 03-5842	2	30.3846	-10.0	1.65	22.5	2.10	15.65	51.1	13.8
12	S03-2114	2	47.8464	4.5	1.50	33.5	1.65	14.65	40.6	19.4
13	S04-3940	2	49.1280	6.5	1.40	25.5	1.90	15.00	39.8	19.1
14	S04-5969	2	49.7555	1.5	1.35	28.5	1.50	13.15	37.6	21.1
15	S04-5997	2	49.9557	4.5	1.65	30.0	1.50	13.80	39.3	19.9
16	S04-6001	2	51.3842	5.5	1.60	30.0	1.65	13.55	39.6	20.6
17	S04-6008	2	46.2711	3.0	1.35	27.5	1.35	13.25	39.8	20.1
18	TN03-235	2	44.1485	5.0	1.35	24.0	1.35	13.75	41.6	18.6
19	TN04-509RR	2	43.9616	3.5	1.80	31.0	1.65	13.15	40.2	18.2
20	TN05-4008	2	45.7772	0.5	1.35	23.0	1.50	14.25	38.6	19.7
21	V02-7180	2	40.9311	-3.0	1.20	25.0	2.50	16.05	41.4	18.6
22	V02-8655	2	39.2490	-6.0	2.00	25.0	2.50	13.70	42.2	20.7
23	V02-8657	2	39.2891	-7.5	2.15	27.5	2.10	14.05	42.4	20.9
24	V02-8659	2	43.5077	-6.0	2.10	27.0	1.90	13.65	42.0	20.4

2006 REGIONAL SOYBEAN TEST - Local Anova 15
ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

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

The ANOVA Procedure

Class Level Information

Class Levels Values

VARIETY 24 AG 3906 AG 4201 AG 4403 DS-97-94-9 DS-LG01-5087 LD00-3309 MD 02-651RR
 MD 03-5435 MD 03-5759 MD 03-5842 MD 0304 WN 79 S03-2114 S04-3940
 S04-5969 S04-5997 S04-6001 S04-6008 TN03-235 TN04-509RR TN05-4008
 V02-7180 V02-8655 V02-8657 V02-8659

REP 2 1 2

Number of Observations Read 48
 Number of Observations Used 48

2006 REGIONAL SOYBEAN TEST - Local Anova 16
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

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

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	24	1112.626176	46.359424	17.32	<.0001
Error	23	61.552107	2.676179		
Corrected Total	47	1174.178283			

R-Square 0.947579
 Coeff Var 7.269603
 Root MSE 1.635903
 YIELD Mean 22.50333

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	85.248021	85.248021	31.85	<.0001
VARIETY	23	1027.378155	44.668615	16.69	<.0001

2006 REGIONAL SOYBEAN TEST - Local Anova 17
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=BIXBY,OK(E) 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 23
 Error Mean Square 2.676179

G		H			
G	I	H	20.192	2	S03-2114
G	I	H			
G	I	H	19.904	2	V02-8659
	I	H			
	I	H	19.296	2	V02-8657
	I				
J	I		18.496	2	V02-7180
J	I				
J	I		18.416	2	V02-8655
J					
J			15.664	2	MD 0304 WN 79
	K		6.624	2	MD 03-5842

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

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	24	AG 3906 AG 4201 AG 4403 DS-97-94-9 DS-LG01-5087 LD00-3309 MD 02-651RR MD 03-5435 MD 03-5759 MD 03-5842 MD 0304 WN 79 S03-2114 S04-3940 S04-5969 S04-5997 S04-6001 S04-6008 TN03-235 TN04-509RR TN05-4008 V02-7180 V02-8655 V02-8657 V02-8659
REP	2	1 2

Number of Observations Read 48
 Number of Observations Used 48

2006 REGIONAL SOYBEAN TEST - Local Anova 20
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

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

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	24	2655.449515	110.643730	4.46	0.0003
Error	23	570.812480	24.817934		
Corrected Total	47	3226.261995			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.823073	18.00506	4.981760	27.66867

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	1398.643392	1398.643392	56.36	<.0001
VARIETY	23	1256.806123	54.643744	2.20	0.0322

2006 REGIONAL SOYBEAN TEST - Local Anova 21
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=JACKSON,TN(E) 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	23
Error Mean Square	24.81793
Critical Value of t	2.06866
Least Significant Difference	10.306

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	34.616	2	TN05-4008
A			
B A	33.784	2	S04-3940
B A			
B A C	33.288	2	S03-2114
B A C			
B A C	33.280	2	S04-5969
B A C			
B D A C	32.208	2	TN03-235
B D A C			
B D A C	31.080	2	S04-5997
B D A C			
B D A C	30.984	2	S04-6001
B D A C			
B D A C	30.968	2	AG 4403
B D A C			
B D A C	30.736	2	AG 4201
B D A C			
B D A C	30.672	2	MD 02-651RR
B D A C			
B D A C	30.496	2	TN04-509RR
B D A C			

E	B	D	A	C	28.696	2	DS-97-94-9
E	B	D	A	C			
E	B	D	A	C	28.688	2	MD 03-5759
E	B	D	A	C			
E	B	D	A	C	27.472	2	DS-LG01-5087
E	B	D	A	C			
E	B	D	A	C	25.720	2	V02-8655

2006 REGIONAL SOYBEAN TEST - Local Anova 22
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=JACKSON,TN(E) 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	C			
E	B	D	A	C	25.248	2	AG 3906
E	B	D	A	C			
E	B	D	A	C	25.032	2	MD 03-5435
E	B	D	A	C			
E	B	D	A	C	24.992	2	MD 03-5842
E	B	D		C			
E	B	D		C	24.240	2	V02-8657
E	B	D		C			
E	B	D		C	24.008	2	MD 0304 WN 79
E		D		C			
E		D		C	23.408	2	V02-8659
E		D					
E		D			22.640	2	LD00-3309
E							
E			F		19.600	2	S04-6008
			F				
			F		12.192	2	V02-7180

2006 REGIONAL SOYBEAN TEST - Local Anova 23
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=KNOXVILLE,TN(E) TTYPE=PIVS -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	24	AG 3906 AG 4201 AG 4403 DS-97-94-9 DS-LG01-5087 LD00-3309 MD 02-651RR MD 03-5435 MD 03-5759 MD 03-5842 MD 0304 WN 79 S03-2114 S04-3940 S04-5969 S04-5997 S04-6001 S04-6008 TN03-235 TN04-509RR TN05-4008 V02-7180 V02-8655 V02-8657 V02-8659

REP 2 1 2

Number of Observations Read 48
Number of Observations Used 48

2006 REGIONAL SOYBEAN TEST - Local Anova 24
ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=KNOXVILLE,TN(E) TTYPE=PIVS -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	24	3202.091367	133.420474	7.93	<.0001
Error	23	386.835700	16.818943		
Corrected Total	47	3588.927067			

R-Square 0.892214
Coeff Var 12.00495
Root MSE 4.101091
YIELD Mean 34.16167

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	1030.082700	1030.082700	61.25	<.0001
VARIETY	23	2172.008667	94.435159	5.61	<.0001

2006 REGIONAL SOYBEAN TEST - Local Anova 25
ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=KNOXVILLE,TN(E) 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 23
Error Mean Square 16.81894
Critical Value of t 2.06866
Least Significant Difference 8.4838

Means with the same letter are not significantly different.

t Grouping							Mean	N	VARIETY
			A				46.330	2	TN03-235
			A						
			A				46.040	2	DS-97-94-9
			A						
B			A				43.750	2	S04-6008
B			A						
B			A	C			42.060	2	S04-5969
B			A	C					
B	D		A	C			41.040	2	DS-LG01-5087
B	D		A	C					
E	B	D	A	C			40.370	2	TN04-509RR
E	B	D	A	C					
E	B	D	A	C			40.160	2	S04-5997
E	B	D	A	C					
E	B	D	A	C	F		38.250	2	MD 03-5435
E	B	D		C	F				
E	B	D	G	C	F		36.840	2	S04-3940
E	B	D	G	C	F				
E	B	D	G	H	C	F	35.900	2	S03-2114
E		D	G	H	C	F			
E	I	D	G	H	C	F	34.280	2	AG 4201
E	I	D	G	H		F			
E	I	D	G	H	J	F	33.130	2	MD 03-5759
E	I	D	G	H	J	F			
E	I	D	G	H	J	F	32.660	2	TN05-4008
E	I		G	H	J	F			
E	I		G	H	J	F	32.450	2	V02-8655
	I		G	H	J	F			
I	K	G	H	J	F		30.680	2	AG 3906

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

----- LOCATION=KNOXVILLE, TN(E) 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	K	G	H	J	F				
I	K	G	H	J	F	30.490	2	MD 02-651RR	
I	K	G	H	J	F				
I	K	G	H	J	F	30.010	2	V02-8659	
I	K	G	H	J					
I	K	G	H	J		29.140	2	S04-6001	
I	K	G	H	J					
I	K	G	H	J		28.810	2	V02-8657	
I	K		H	J					

I	K	H	J	27.770	2	AG 4403
I	K		J			
I	K		J	26.990	2	V02-7180
	K		J			
	K		J	25.290	2	LD00-3309
	K		J			
	K		J	24.660	2	MD 03-5842
	K					
	K			22.780	2	MD 0304 WN 79

2006 REGIONAL SOYBEAN TEST - Local Anova 27
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=MILAN,TN(E) TTYPE=PIVS -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	24	AG 3906 AG 4201 AG 4403 DS-97-94-9 DS-LG01-5087 LD00-3309 MD 02-651RR MD 03-5435 MD 03-5759 MD 03-5842 MD 0304 WN 79 S03-2114 S04-3940 S04-5969 S04-5997 S04-6001 S04-6008 TN03-235 TN04-509RR TN05-4008 V02-7180 V02-8655 V02-8657 V02-8659
REP	2	1 2

Number of Observations Read 48
 Number of Observations Used 48

2006 REGIONAL SOYBEAN TEST - Local Anova 28
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=MILAN,TN(E) TTYPE=PIVS -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	24	4174.300200	173.929175	4.27	0.0004
Error	23	937.531592	40.762243		
Corrected Total	47	5111.831792			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.816596	8.520424	6.384532	74.93208

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	10.249008	10.249008	0.25	0.6208
VARIETY	23	4164.051192	181.045704	4.44	0.0003

2006 REGIONAL SOYBEAN TEST - Local Anova 29
ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=MILAN,TN(E) 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 23
Error Mean Square 40.76224
Critical Value of t 2.06866
Least Significant Difference 13.207

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	84.770	2	LD00-3309
A			
A	84.170	2	TN05-4008
A			
A	84.040	2	S04-5997
A			
A	83.570	2	S04-6008
A			
A	82.780	2	AG 3906
A			
B	80.870	2	AG 4403
B			
B	80.740	2	S04-6001
B			
B	80.230	2	S04-5969
B			
B	79.680	2	V02-8659
B			
B	79.350	2	DS-LG01-5087
B			
B	78.730	2	MD 02-651RR
B			
B	78.360	2	V02-7180
B			
B	78.010	2	TN03-235
B			
B	77.150	2	MD 03-5435

B A
 B A C 74.770 2 V02-8655

2006 REGIONAL SOYBEAN TEST - Local Anova 30
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=MILAN,TN(E) 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 A C			
B A C	74.530	2	S04-3940
B A C			
B A C	74.130	2	AG 4201
B A C			
B A C	73.230	2	S03-2114
B A C			
B A C	72.610	2	V02-8657
B C			
B D C	68.040	2	TN04-509RR
D C			
D C	62.720	2	DS-97-94-9
D C			
D C	62.600	2	MD 03-5759
D			
E D	57.060	2	MD 03-5842
E			
E	46.230	2	MD 0304 WN 79

2006 REGIONAL SOYBEAN TEST - Local Anova 31
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=ORANGE,VA(E) TTYPE=PIVS -----

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	24	AG 3906 AG 4201 AG 4403 DS-97-94-9 DS-LG01-5087 LD00-3309 MD 02-651RR MD 03-5435 MD 03-5759 MD 03-5842 MD 0304 WN 79 S03-2114 S04-3940 S04-5969 S04-5997 S04-6001 S04-6008 TN03-235 TN04-509RR TN05-4008 V02-7180 V02-8655 V02-8657 V02-8659
REP	2	1 2

Number of Observations Used 48

2006 REGIONAL SOYBEAN TEST - Local Anova 32
ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=ORANGE,VA(E) TTYPE=PIVS -----

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	24	2120.070014	88.336251	13.92	<.0001
Error	23	146.006669	6.348116		
Corrected Total	47	2266.076683			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.935569	8.933985	2.519547	28.20183

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	18.430870	18.430870	2.90	0.1019
VARIETY	23	2101.639145	91.375615	14.39	<.0001

2006 REGIONAL SOYBEAN TEST - Local Anova 33
ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=ORANGE,VA(E) 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	23
Error Mean Square	6.348116
Critical Value of t	2.06866
Least Significant Difference	5.2121

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	41.163	2	TN03-235

N					
N	0	16.677	2	V02-7180	
	0				
	0	13.786	2	MD 03-5842	

2006 REGIONAL SOYBEAN TEST - Local Anova 35
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	24	AG 3906 AG 4201 AG 4403 DS-97-94-9 DS-LG01-5087 LD00-3309 MD 02-651RR MD 03-5435 MD 03-5759 MD 03-5842 MD 0304 WN 79 S03-2114 S04-3940 S04-5969 S04-5997 S04-6001 S04-6008 TN03-235 TN04-509RR TN05-4008 V02-7180 V02-8655 V02-8657 V02-8659
REP	2	1 2

Number of Observations Read 48
 Number of Observations Used 48

2006 REGIONAL SOYBEAN TEST - Local Anova 36
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

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

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	24	3632.623429	151.359310	2.04	0.0455
Error	23	1702.941880	74.040951		
Corrected Total	47	5335.565309			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.680832	13.60859	8.604705	63.22998

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	526.776610	526.776610	7.11	0.0138
VARIETY	23	3105.846819	135.036818	1.82	0.0785

----- LOCATION=PINE TREE,AR(E) 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	23
Error Mean Square	74.04095
Critical Value of t	2.06866
Least Significant Difference	17.8

Means with the same letter are not significantly different.

t	Grouping	Mean	N	VARIETY
	A	74.300	2	V02-8655
	A			
B	A	71.301	2	TN05-4008
B	A			
B	A	71.242	2	S04-6001
B	A			
B	A	70.484	2	TN03-235
B	A			
B	A	70.315	2	LD00-3309
B	A			
B	A	70.163	2	S04-6008
B	A			
B	A	68.984	2	S04-3940
B	A			
B	A	68.377	2	V02-8657
B	A			
B	A	68.310	2	S04-5969
B	A			
B	A	67.417	2	V02-8659
B	A			
B	A	66.768	2	AG 4201
B	A			
B	A	66.111	2	MD 02-651RR
B	A			
B	A	65.555	2	DS-LG01-5087
B	A			
B	A	64.637	2	V02-7180
B	A			
B	A C	62.674	2	TN04-509RR

----- LOCATION=PINE TREE,AR(E) 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	A	C			
B	A	C	62.202	2	AG 3906
B	A	C			
B	A	C	62.177	2	S04-5997
B	A	C			
B	D	A	58.040	2	AG 4403
B	D	C			
B	D	C	56.389	2	S03-2114
B	D	C			
B	D	C	55.554	2	MD 03-5842
B	D	C			
B	D	C	53.945	2	MD 03-5759
B	D	C			
B	D	C	53.693	2	MD 03-5435
	D	C			
	D	C	45.048	2	MD 0304 WN 79
	D				
	D		43.835	2	DS-97-94-9

2006 REGIONAL SOYBEAN TEST - Local Anova 39
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	24	AG 3906 AG 4201 AG 4403 DS-97-94-9 DS-LG01-5087 LD00-3309 MD 02-651RR MD 03-5435 MD 03-5759 MD 03-5842 MD 0304 WN 79 S03-2114 S04-3940 S04-5969 S04-5997 S04-6001 S04-6008 TN03-235 TN04-509RR TN05-4008 V02-7180 V02-8655 V02-8657 V02-8659
REP	2	1 2

Number of Observations Read 48
 Number of Observations Used 48

2006 REGIONAL SOYBEAN TEST - Local Anova 40
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

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

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	24	1970.039442	82.084977	5.86	<.0001
Error	23	322.077968	14.003390		
Corrected Total	47	2292.117410			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.859485	8.707244	3.742110	42.97698

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	127.360694	127.360694	9.09	0.0062
VARIETY	23	1842.678748	80.116467	5.72	<.0001

2006 REGIONAL SOYBEAN TEST - Local Anova 41
ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=PLYMOUTH,NC(E) 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	23
Error Mean Square	14.00339
Critical Value of t	2.06866
Least Significant Difference	7.7411

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	52.332	2	LD00-3309
A	50.855	2	MD 02-651RR
A	50.826	2	AG 4201
A			
A			

	B		A			49.961	2	AG 4403
	B		A					
	B		A			49.708	2	AG 3906
	B		A					
	B		A	C		48.649	2	TN05-4008
	B		A	C				
	B	D	A	C		47.288	2	S04-5969
	B	D	A	C				
	B	D	A	C		46.773	2	TN03-235
	B	D	A	C				
E	B	D	A	C		46.364	2	S04-6001
E	B	D	A	C				
E	B	D	A	C		45.509	2	S04-6008
E	B	D	A	C				
E	B	D	A	C	F	44.936	2	S04-3940
E	B	D	A	C	F			
E	B	D	A	C	F	44.858	2	S04-5997
E	B	D		C	F			
E	B	D	G	C	F	42.467	2	DS-LG01-5087
E	B	D	G	C	F			
E	B	D	G	C	F	42.301	2	MD 03-5435
E		D	G	C	F			
E		D	G	C	F	41.903	2	V02-8659

2006 REGIONAL SOYBEAN TEST - Local Anova 42
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=PLYMOUTH,NC(E) 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		D	G	C	F			
E	H	D	G	C	F	41.466	2	V02-7180
E	H	D	G		F			
E	H	D	G	I	F	40.357	2	V02-8655
E	H		G	I	F			
E	H		G	I	F	39.016	2	V02-8657
	H		G	I	F			
	H		G	I	F	37.723	2	S03-2114
	H		G	I				
	H		G	I		37.082	2	MD 03-5759
	H		G	I				
	H	J	G	I		35.225	2	MD 03-5842
	H	J		I				
	H	J		I		33.738	2	TN04-509RR
		J		I				
		J		I		32.912	2	DS-97-94-9
		J						
		J				29.199	2	MD 0304 WN 79

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	24	AG 3906 AG 4201 AG 4403 DS-97-94-9 DS-LG01-5087 LD00-3309 MD 02-651RR MD 03-5435 MD 03-5759 MD 03-5842 MD 0304 WN 79 S03-2114 S04-3940 S04-5969 S04-5997 S04-6001 S04-6008 TN03-235 TN04-509RR TN05-4008 V02-7180 V02-8655 V02-8657 V02-8659
REP	2	1 2

Number of Observations Read 48
 Number of Observations Used 48

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

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	24	2048.212836	85.342202	1.64	0.1196
Error	23	1196.018140	52.000789		
Corrected Total	47	3244.230976			

R-Square 0.631340
 Coeff Var 13.64232
 Root MSE 7.211157
 YIELD Mean 52.85874

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	343.929183	343.929183	6.61	0.0171
VARIETY	23	1704.283653	74.099289	1.42	0.2010

----- LOCATION=PORTAGEVILLE,MO(E) 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	23
Error Mean Square	52.00079
Critical Value of t	2.06866
Least Significant Difference	14.917

Means with the same letter are not significantly different.

t	Grouping	Mean	N	VARIETY
	A	62.558	2	AG 4403
	A			
B	A	59.926	2	LD00-3309
B	A			
B	A	59.544	2	V02-8657
B	A			
B	A C	59.077	2	S04-3940
B	A C			
B	D A C	57.281	2	S04-5997
B	D A C			
B	D A C	57.257	2	TN05-4008
B	D A C			
B	D A C	57.244	2	S04-5969
B	D A C			
B	D A C	57.134	2	AG 4201
B	D A C			
B	D A C	56.543	2	V02-7180
B	D A C			
B	D A C	56.445	2	DS-LG01-5087
B	D A C			
B	D A C	55.817	2	S04-6001
B	D A C			
E	B D A C	54.661	2	S04-6008
E	B D A C			
E	B D A C	54.009	2	AG 3906
E	B D A C			
E	B D A C	53.849	2	S03-2114
E	B D A C			
E	B D A C	53.173	2	TN03-235

2006 REGIONAL SOYBEAN TEST - Local Anova 46
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

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

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping					Mean	N	VARIETY
E	B	D	A	C			
E	B	D	A	C	51.611	2	MD 03-5435
E	B	D	A	C			
E	B	D	A	C	47.933	2	DS-97-94-9
E	B	D	A	C			
E	B	D	A	C	47.921	2	TN04-509RR
E	B	D		C			
E	B	D		C	46.543	2	MD 03-5759
E	B	D		C			
E	B	D		C	46.162	2	MD 0304 WN 79
E	B	D		C			
E	B	D		C	46.064	2	V02-8659
E		D		C			
E		D		C	44.612	2	MD 03-5842
E		D					
E		D			43.345	2	V02-8655
E							
E					39.901	2	MD 02-651RR

2006 REGIONAL SOYBEAN TEST - Local Anova 47
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	24	AG 3906 AG 4201 AG 4403 DS-97-94-9 DS-LG01-5087 LD00-3309 MD 02-651RR MD 03-5435 MD 03-5759 MD 03-5842 MD 0304 WN 79 S03-2114 S04-3940 S04-5969 S04-5997 S04-6001 S04-6008 TN03-235 TN04-509RR TN05-4008 V02-7180 V02-8655 V02-8657 V02-8659
REP	2	1 2

Number of Observations Read 48
 Number of Observations Used 48

2006 REGIONAL SOYBEAN TEST - Local Anova 48
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

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

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	24	480.4108333	20.0171181	2.49	0.0160
Error	23	184.6085417	8.0264583		
Corrected Total	47	665.0193750			

R-Square Coeff Var Root MSE YIELD Mean
0.722401 10.22088 2.833100 27.71875

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	41.8133333	41.8133333	5.21	0.0320
VARIETY	23	438.5975000	19.0694565	2.38	0.0216

2006 REGIONAL SOYBEAN TEST - Local Anova 49
ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=QUEENSTOWN,MD(E) 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 23
Error Mean Square 8.026458
Critical Value of t 2.06866
Least Significant Difference 5.8607

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	32.500	2	DS-LG01-5087
B	32.075	2	AG 3906
B	31.150	2	AG 4201
B	30.950	2	S04-3940
B	30.950	2	TN05-4008
B	30.563	2	MD 0304 WN 79

	B	D	A	C					
E	B	D	A	C		30.350	2	V02-7180	
E	B	D	A	C					
E	B	D	A	C	F	29.113	2	S04-6008	
E	B	D	A	C	F				
E	B	D	A	C	F	29.100	2	S04-5997	
E	B	D	A	C	F				
E	B	D	A	G	C	F	28.838	2	MD 03-5435
E	B	D	A	G	C	F			
E	B	D	A	G	C	F	28.700	2	MD 03-5842
E	B	D	A	G	C	F			
E	B	D	A	G	C	F	28.238	2	AG 4403
E	B	D	A	G	C	F			
E	B	D	A	G	C	F	27.263	2	LD00-3309
E	B	D	A	G	C	F			
E	B	D	A	G	C	F	27.175	2	S04-5969
E	B	D	A	G	C	F			
E	B	D	A	G	C	F	26.713	2	MD 03-5759

2006 REGIONAL SOYBEAN TEST - Local Anova 50
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=QUEENSTOWN,MD(E) 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	C	F			
E	B	D		G	C	F	26.588	2	V02-8659
E	B	D		G	C	F			
E	B	D		G	C	F	26.338	2	TN04-509RR
E		D		G	C	F			
E		D		G	C	F	26.175	2	S04-6001
E		D		G	C	F			
E		D		G	C	F	25.975	2	MD 02-651RR
E		D		G		F			
E		D	H	G		F	25.175	2	V02-8655
E			H	G		F			
E			H	G		F	24.650	2	S03-2114
			H	G		F			
			H	G		F	23.450	2	V02-8657
			H	G					
			H	G			23.138	2	TN03-235
			H						
			H				20.088	2	DS-97-94-9

2006 REGIONAL SOYBEAN TEST - Local Anova 51
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	24	AG 3906 AG 4201 AG 4403 DS-97-94-9 DS-LG01-5087 LD00-3309 MD 02-651RR MD 03-5435 MD 03-5759 MD 03-5842 MD 0304 WN 79 S03-2114 S04-3940 S04-5969 S04-5997 S04-6001 S04-6008 TN03-235 TN04-509RR TN05-4008 V02-7180 V02-8655 V02-8657 V02-8659
REP	2	1 2

Number of Observations Read 48
Number of Observations Used 48

2006 REGIONAL SOYBEAN TEST - Local Anova 52
ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

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

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	24	5235.271928	218.136330	17.24	<.0001
Error	23	291.084414	12.655844		
Corrected Total	47	5526.356342			

R-Square 0.947328
Coeff Var 6.482273
Root MSE 3.557505
YIELD Mean 54.88053

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	1.227034	1.227034	0.10	0.7583
VARIETY	23	5234.044894	227.567169	17.98	<.0001

2006 REGIONAL SOYBEAN TEST - Local Anova 53
ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=ROHWER,AR(E) 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	23
Error Mean Square	12.65584
Critical Value of t	2.06866
Least Significant Difference	7.3593

Means with the same letter are not significantly different.

t	Grouping	Mean	N	VARIETY
	A	72.403	2	AG 4201
	A			
B	A	68.170	2	TN03-235
B				
B	C	63.550	2	S03-2114
B	C			
B	C	62.751	2	AG 4403
B	C			
B	C	62.709	2	S04-5969
B	C			
B	C	61.867	2	S04-3940
B	C			
B	C	61.530	2	S04-6001
B	C			
B	C D	60.883	2	MD 03-5759
	C D			
	C D	60.420	2	S04-5997
	C D			
E	C D	59.738	2	TN05-4008
E	C D			
E	C D	59.730	2	DS-LG01-5087
E	C D			
E	F C D	58.855	2	S04-6008
E	F C D			
E	F C D	58.627	2	AG 3906
E	F C D			
E	F C D	58.055	2	V02-8655
E	F			
E	F G D	53.747	2	MD 02-651RR

2006 REGIONAL SOYBEAN TEST - Local Anova 54
ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=ROHWER,AR(E) 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	F	G			
E	F	G	53.057	2	LD00-3309
	F	G			
H	F	G	51.601	2	V02-8659
H		G			
H		G	49.539	2	V02-7180
H		G			
H		G	48.512	2	V02-8657
H					
H		I	45.534	2	MD 03-5435
H		I			
H		I	44.768	2	TN04-509RR
		I			
J		I	38.515	2	MD 03-5842
J					
J			35.351	2	MD 0304 WN 79
		K	27.223	2	DS-97-94-9

2006 REGIONAL SOYBEAN TEST - Local Anova 55
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	24	AG 3906 AG 4201 AG 4403 DS-97-94-9 DS-LG01-5087 LD00-3309 MD 02-651RR MD 03-5435 MD 03-5759 MD 03-5842 MD 0304 WN 79 S03-2114 S04-3940 S04-5969 S04-5997 S04-6001 S04-6008 TN03-235 TN04-509RR TN05-4008 V02-7180 V02-8655 V02-8657 V02-8659
REP	2	1 2

Number of Observations Read 48
 Number of Observations Used 40

2006 REGIONAL SOYBEAN TEST - Local Anova 56
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

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

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	20	2859.694071	142.984704	11.46	<.0001

Error	19	236.963432	12.471760
Corrected Total	39	3096.657504	

R-Square	Coeff Var	Root MSE	YIELD Mean
0.923478	8.239787	3.531538	42.85958

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	1.281998	1.281998	0.10	0.7520
VARIETY	19	2858.412073	150.442741	12.06	<.0001

2006 REGIONAL SOYBEAN TEST - Local Anova 57
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=STONEVILLE,MS(E) 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	19
Error Mean Square	12.47176
Critical Value of t	2.09302
Least Significant Difference	7.3916

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	57.272	2	AG 4201
A			
B A	52.470	2	AG 3906
B A			
B A	52.173	2	AG 4403
B A			
B C	49.682	2	TN05-4008
B C			
B C D	49.220	2	S04-5969
B C D			
B E C D	48.510	2	S04-5997
B E C D			
B E C D	47.867	2	S04-6008
B E C D			
F B E C D	47.355	2	TN03-235
F B E C D			

F	B	E	C	D	46.827	2	LD00-3309
F		E	C	D			
F		E	C	D	44.418	2	S04-6001
F		E	C	D			
F		E	C	D	43.923	2	DS-LG01-5087
F		E		D			
F		E	G	D	42.075	2	MD 03-5759
F		E	G				
F	H	E	G		41.514	2	MD 02-651RR
F	H	E	G				
F	H	E	G		41.333	2	S04-3940
F	H		G				
F	H		G		40.409	2	MD 03-5435

2006 REGIONAL SOYBEAN TEST - Local Anova 58
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

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

The ANOVA Procedure

t Tests (LSD) for YIELD

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
H G			
H G I	35.640	2	TN04-509RR
H I			
H I	34.271	2	S03-2114
			I
J I	29.469	2	DS-97-94-9
J			
J	26.483	2	MD 0304 WN 79
J			
J	26.285	2	MD 03-5842

2006 REGIONAL SOYBEAN TEST - Local Anova 59
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	24	AG 3906 AG 4201 AG 4403 DS-97-94-9 DS-LG01-5087 LD00-3309 MD 02-651RR MD 03-5435 MD 03-5759 MD 03-5842 MD 0304 WN 79 S03-2114 S04-3940 S04-5969 S04-5997 S04-6001 S04-6008 TN03-235 TN04-509RR TN05-4008 V02-7180 V02-8655 V02-8657 V02-8659
REP	2	1 2

Number of Observations Read 48
 Number of Observations Used 48

2006 REGIONAL SOYBEAN TEST - Local Anova 60
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

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

The ANOVA Procedure

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	24	1321.832559	55.076357	11.17	<.0001
Error	23	113.456443	4.932889		
Corrected Total	47	1435.289002			

R-Square 0.920952
 Coeff Var 5.077350
 Root MSE 2.221011
 YIELD Mean 43.74350

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	11.396972	11.396972	2.31	0.1421
VARIETY	23	1310.435586	56.975460	11.55	<.0001

2006 REGIONAL SOYBEAN TEST - Local Anova 61
 ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=WARSAW,VA(E) 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 23
 Error Mean Square 4.932889
 Critical Value of t 2.06866
 Least Significant Difference 4.5945

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY
		A		51.384	2	S04-6001
		A				
B		A		49.956	2	S04-5997
B		A				
B		A		49.755	2	S04-5969
B		A				
B		A		49.128	2	S04-3940
B		A				
B		A	C	48.768	2	DS-LG01-5087
B		A	C			
B	D	A	C	47.846	2	S03-2114
B	D		C			
B	D	E	C	46.551	2	MD 03-5435
B	D	E	C			
B	D	E	C	46.485	2	AG 4403
B	D	E	C			
B	D	E	C	46.271	2	S04-6008
B	D	E	C			
B	D	E	C	45.777	2	TN05-4008
	D	E	C			
F	D	E	C	44.375	2	AG 4201
F	D	E	C			
F	D	E	C	44.269	2	AG 3906
F	D	E				
F	D	E		44.148	2	TN03-235
F	D	E				
F	D	E		43.962	2	TN04-509RR
F	D	E				
F	D	E	G	43.508	2	V02-8659

2006 REGIONAL SOYBEAN TEST - Local Anova 62
ANALYSIS OF YIELD 14:19 Friday, February 2, 2007

----- LOCATION=WARSAW,VA(E) 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	D	E	G			
F	D	E	G	43.454	2	MD 02-651RR
F	D	E	G			
F	D	E	G	43.294	2	LD00-3309
F		E	G			
F	H	E	G	41.986	2	DS-97-94-9
F	H		G			
F	H		G	40.931	2	V02-7180
	H		G			
	H		G	39.289	2	V02-8657
	H		G			

H	G	39.249	2	V02-8655
H				
H		38.061	2	MD 03-5759
	I	31.012	2	MD 0304 WN 79
	I			
	I	30.385	2	MD 03-5842