LIST OF CHECK MATURITY DATES FOR EACH TEST
10:02 Wednesday, February 1, 2006

LOCATION	TTYPE	VARIETY	REP	CKDATE
BIXBY,OK(E)	PIVS	AG 4201	.	10/10
		AG 4201	1	10/10
		AG 4201	2	10/10
JACKSON,TN(E)	PIVS	AG 4201	.	09/20
		AG 4201	1	09/20
		AG 4201	2	09/20
KNOXVILLE,TN(E)	PIVS	AG 4201	.	09/07
		AG 4201	1	09/08
		AG 4201	2	09/06
		AG 4201	3	09/08
ORANGE,VA(E)	PIVS	AG 4201	.	09/23
		AG 4201	1	09/23
		AG 4201	2	09/23
PINE TREE,AR(E)	PIVS	AG 4201	.	09/13
		AG 4201	1	09/14
		AG 4201	2	09/13
PLYMOUTH,NC(E)	PIVS	AG 4201	.	09/26
		AG 4201	1	09/27
		AG 4201	2	09/25
PORTAGEVILLE,MO(E)	PIVS	AG 4201	.	09/23
		AG 4201	1	.
		AG 4201	2	09/23
PROSPER,TX(E)	PIVS	AG 4201	.	.
		AG 4201	1	.
QUEENSTOWN,MD(E)	PIVS	AG 4201	.	10/12
		AG 4201	1	10/17
		AG 4201	2	10/07
SPRINGFIELD,TN(E)	PIVS	AG 4201	.	10/04
		AG 4201	1	10/02
		AG 4201	2	10/05
		AG 4201	3	10/05
STONEVILLE,MS(E)	PIVS	AG 4201	.	08/19
		AG 4201	1	08/19
		AG 4201	2	.
STUTTGART,AR(E)	PIVS	AG 4201	.	10/02
		AG 4201	1	10/08
		AG 4201	2	09/30
		AG 4201	3	09/28
WARSAW,VA(E)	PIVS	AG 4201	.	09/26
		AG 4201	1	09/29
		AG 4201	2	09/24

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	2	32.144	0	.	28	.	15.4	.	.
2	AG 4403	2	36.544	0	.	30	.	13.1	.	.
3	AG 4603	2	33.120	0	.	29	.	13.4	.	.
4	LN97-15076	2	31.152	0	.	27	.	16.2	.	.
5	Md 02-5342	2	22.512	0	.	24	.	14.5	.	.
6	Md 02-5358	2	20.864	0	.	24	.	13.0	.	.
7	Md 02-5362	2	19.360	0	.	26	.	12.1	.	.
8	Md 02-5988	2	30.880	0	.	29	.	13.5	.	.
9	Md 02-651 RR	2	33.216	0	.	25	.	12.4	.	.
10	S02-2238RR	2	34.992	0	.	27	.	15.8	.	.
11	S03-007RR	2	38.512	0	.	33	.	13.4	.	.
12	S03-058RR	2	32.368	0	.	31	.	13.9	.	.
13	S03-575CR	2	36.480	0	.	31	.	15.8	.	.
14	TN02-19RR	2	31.680	0	.	31	.	12.2	.	.
15	V02-7740	2	25.296	0	.	32	.	14.4	.	.
16	V02-7767	2	29.264	0	.	28	.	16.9	.	.
17	V02-8706	2	22.016	0	.	28	.	13.9	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	2	35.8192	0.0	2.50	31.0	2.75	12.5	.	.
2	AG 4403	2	39.1322	1.5	1.50	35.0	2.00	11.5	.	.
3	AG 4603	2	34.2347	5.0	1.00	29.0	2.75	12.5	.	.
4	LN97-15076	2	26.9604	-0.5	2.00	34.5	3.25	13.5	.	.
5	Md 02-5342	2	15.9330	1.5	2.50	31.0	4.00	11.0	.	.
6	Md 02-5358	2	19.5901	3.0	2.25	27.5	3.75	12.5	.	.
7	Md 02-5362	2	21.8468	5.0	1.50	30.5	4.00	11.0	.	.
8	Md 02-5988	2	27.0404	-4.0	2.25	34.0	2.00	12.5	.	.
9	Md 02-651 RR	2	26.5683	0.0	1.00	25.0	2.25	12.0	.	.
10	S02-2238RR	2	37.2516	6.5	2.50	37.0	2.50	14.0	.	.
11	S03-007RR	2	44.1978	10.0	2.50	39.0	2.00	13.0	.	.
12	S03-058RR	2	28.5289	0.0	1.50	36.5	1.75	12.5	.	.
13	S03-575CR	2	22.4310	-2.0	2.00	38.0	2.50	14.0	.	.
14	TN02-19RR	2	33.1544	1.5	2.00	39.0	1.50	11.5	.	.
15	V02-7740	2	30.6816	-9.0	2.25	34.0	2.25	12.5	.	.
16	V02-7767	2	24.5997	3.0	1.00	30.0	3.00	15.0	.	.
17	V02-8706	2	31.6739	-11.0	1.25	31.5	3.00	13.0	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	3	42.9067	-0.00000	1.83333	30.6667	1	13.3	.	.
2	AG 4403	3	41.3533	4.66667	1.50000	32.6667	2	11.0	.	.
3	AG 4603	3	42.7400	6.66667	2.16667	34.3333	2	12.3	.	.
4	LN97-15076	3	42.7333	-2.00000	2.16667	35.0000	2	14.8	.	.
5	Md 02-5342	3	33.0267	-0.33333	2.16667	30.0000	4	13.5	.	.
6	Md 02-5358	3	38.4600	2.00000	2.16667	32.6667	4	12.1	.	.
7	Md 02-5362	3	40.7933	-0.00000	2.50000	33.6667	3	11.4	.	.
8	Md 02-5988	3	37.7867	-1.66667	2.66667	34.6667	2	12.0	.	.
9	Md 02-651 RR	3	39.0267	0.66667	2.00000	31.0000	2	11.7	.	.
10	S02-2238RR	3	39.1533	5.66667	3.33333	37.0000	2	14.8	.	.
11	S03-007RR	3	47.0467	7.33333	3.16667	43.0000	2	12.2	.	.
12	S03-058RR	3	42.1133	1.33333	1.66667	37.0000	2	12.6	.	.
13	S03-575CR	3	38.9467	4.66667	4.83333	40.3333	2	14.6	.	.
14	TN02-19RR	3	38.0200	5.33333	2.50000	34.6667	2	10.6	.	.
15	V02-7740	3	36.1733	-3.66667	1.50000	32.6667	2	12.5	.	.
16	V02-7767	3	37.4467	-2.33333	1.66667	31.6667	2	13.7	.	.
17	V02-8706	3	32.8600	-6.00000	1.50000	34.3333	3	13.1	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	2	12.840	0.0	1.00	24.5	1.25	12.0	35.3	23.4
2	AG 4403	2	13.390	-3.5	1.15	27.0	1.25	9.8	32.5	24.4
3	AG 4603	2	13.840	1.5	1.10	26.5	1.25	11.8	34.2	22.7
4	LN97-15076	2	17.610	0.0	1.00	28.0	1.50	13.1	34.8	24.0
5	Md 02-5342	2	10.525	-7.0	1.40	23.5	1.25	11.5	39.8	20.7
6	Md 02-5358	2	12.485	-4.0	1.50	25.5	1.00	10.1	34.5	25.3
7	Md 02-5362	2	8.280	-9.0	1.50	19.5	1.25	9.3	39.5	20.3
8	Md 02-5988	2	18.780	-3.5	1.15	27.5	1.00	10.8	37.6	20.9
9	Md 02-651 RR	2	12.140	-3.5	1.10	20.5	1.00	10.1	34.2	21.9
10	S02-2238RR	2	18.395	4.0	1.35	31.0	1.00	12.8	35.4	21.8
11	S03-007RR	2	19.535	6.5	1.50	36.0	1.50	11.8	37.7	21.1
12	S03-058RR	2	19.100	5.0	1.50	35.5	1.25	12.6	35.3	23.3
13	S03-575CR	2	20.540	8.0	1.35	36.0	1.50	13.2	33.7	22.7
14	TN02-19RR	2	13.570	-2.0	1.20	27.0	1.25	10.4	37.7	22.4
15	V02-7740	2	15.805	-3.5	1.00	27.5	1.00	10.6	34.7	23.3
16	V02-7767	2	11.240	-4.0	1.00	23.0	1.00	11.7	35.0	23.9
17	V02-8706	2	9.495	-11.0	1.00	23.0	1.75	11.2	34.6	22.9

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	2	30.3384	0.0	0	29.0	1.00	14.15	.	.
2	AG 4403	2	39.8166	0.0	0	29.0	1.25	13.25	.	.
3	AG 4603	2	41.5353	-0.5	0	29.0	1.50	13.30	.	.
4	LN97-15076	2	22.8149	-5.5	0	28.5	2.50	14.90	.	.
5	Md 02-5342	2	17.9621	-2.0	0	27.0	2.00	13.05	.	.
6	Md 02-5358	2	24.7948	-6.5	0	25.0	3.00	12.50	.	.
7	Md 02-5362	2	30.5743	-4.5	0	26.5	1.75	12.20	.	.
8	Md 02-5988	2	25.0728	-1.0	0	25.5	1.50	13.30	.	.
9	Md 02-651 RR	2	26.9853	-2.5	0	27.0	1.50	12.65	.	.
10	S02-2238RR	2	39.6733	-1.5	0	37.5	1.50	12.15	.	.
11	S03-007RR	2	41.7375	4.0	0	43.5	0.75	12.35	.	.
12	S03-058RR	2	34.5088	-1.0	0	31.0	1.00	12.10	.	.
13	S03-575CR	2	29.6560	1.5	0	32.0	1.00	12.15	.	.
14	TN02-19RR	2	29.8498	-1.0	0	29.5	1.50	12.25	.	.
15	V02-7740	2	34.6268	-5.0	0	33.5	2.00	12.25	.	.
16	V02-7767	2	27.5161	-4.5	0	26.5	2.00	12.05	.	.
17	V02-8706	2	21.7871	-5.0	0	22.5	2.25	13.20	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	2	33.0510	0.0	2.00	35	2.50	12.5	.	.
2	AG 4403	2	33.8092	-2.0	1.75	39	3.25	11.0	.	.
3	AG 4603	2	29.1418	0.5	1.50	37	3.75	12.0	.	.
4	LN97-15076	2	26.6383	-4.5	2.00	38	4.50	15.5	.	.
5	Md 02-5342	2	19.7674	0.5	3.75	33	3.00	12.5	.	.
6	Md 02-5358	2	26.1249	1.5	4.50	35	3.25	12.5	.	.
7	Md 02-5362	2	29.2050	-1.0	3.75	34	4.00	12.0	.	.
8	Md 02-5988	2	28.0993	0.0	3.25	35	3.00	12.5	.	.
9	Md 02-651 RR	2	39.5744	2.0	2.00	37	2.25	13.0	.	.
10	S02-2238RR	2	35.4124	1.0	3.00	36	2.75	14.5	.	.
11	S03-007RR	2	29.4024	6.0	2.00	49	2.25	11.0	.	.
12	S03-058RR	2	25.7143	0.5	2.00	45	3.00	12.0	.	.
13	S03-575CR	2	29.3866	6.0	4.00	46	3.25	15.0	.	.
14	TN02-19RR	2	14.6499	-0.5	1.25	35	3.75	10.5	.	.
15	V02-7740	2	31.2504	-5.0	1.75	39	4.00	13.0	.	.
16	V02-7767	2	18.7171	-3.5	1.50	33	3.00	16.0	.	.
17	V02-8706	2	22.0577	-12.0	1.50	36	4.25	13.5	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	2	81.4014	0	3.0	42	3	16.1	42.7	19.1
2	AG 4403	2	88.2648	-6	2.5	48	3	13.5	38.7	22.8
3	AG 4603	2	91.5612	0	2.5	47	3	15.4	40.4	19.6
4	LN97-15076	2	74.6118	-14	3.5	39	3	17.4	39.0	22.4
5	Md 02-5342	2	63.1482	-9	2.5	34	4	14.5	46.1	19.5
6	Md 02-5358	2	74.0583	-7	3.0	37	3	15.2	40.1	23.1
7	Md 02-5362	2	68.1174	-4	3.5	39	4	14.1	43.5	20.9
8	Md 02-5988	2	64.6611	-7	3.0	38	3	12.1	42.7	18.9
9	Md 02-651 RR	2	84.5625	-7	2.5	36	3	15.4	40.0	21.6
10	S02-2238RR	2	82.3362	-2	3.5	42	3	18.3	41.2	20.3
11	S03-007RR	2	94.7838	3	3.5	50	3	15.5	41.5	21.1
12	S03-058RR	2	89.1381	-4	3.0	49	3	16.6	42.0	20.3
13	S03-575CR	2	77.2932	-1	4.5	47	3	16.9	40.8	20.2
14	TN02-19RR	2	68.8185	-3	3.5	47	3	14.6	42.3	21.1
15	V02-7740	2	81.4014	-10	4.0	37	4	14.2	40.6	19.4
16	V02-7767	2	77.1825	-11	1.5	39	3	16.5	41.0	21.5
17	V02-8706	2	83.8122	-14	2.5	38	3	15.3	40.4	21.2

---------- LOCATION=PROSPER,TX(E) TTYPE=PIVS ----------

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	1	10	.	.	23	.	.	.	.
2	AG 4403	1	14	.	.	18	.	.	.	.
3	AG 4603	1	8	.	.	17	.	.	.	.
4	LN97-15076	1	14	.	.	16	.	.	.	.
5	Md 02-5342	1	4	.	.	17	.	.	.	.
6	Md 02-5358	1	11	.	.	17	.	.	.	.
7	Md 02-5362	1	9	.	.	15	.	.	.	.
8	Md 02-5988	1	18	.	.	19	.	.	.	.
9	Md 02-651 RR	1	8	.	.	19	.	.	.	.
10	S02-2238RR	1	11	.	.	17	.	.	.	.
11	S03-007RR	1	13	.	.	25	.	.	.	.
12	S03-058RR	1	20	.	.	23	.	.	.	.
13	S03-575CR	1	15	.	.	25	.	.	.	.
14	TN02-19RR	1	18	.	.	20	.	.	.	.
15	V02-7740	1	17	.	.	19	.	.	.	.
16	V02-7767	1	11	.	.	19	.	.	.	.
17	V02-8706	1	12	.	.	19	.	.	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	2	48.9750	0	2.75	34.0	1.50	14.65	.	.
2	AG 4403	2	54.8000	-2	2.75	35.0	1.25	12.45	.	.
3	AG 4603	2	48.4500	4	2.75	35.0	2.00	14.20	.	.
4	LN97-15076	2	49.7125	-6	2.75	34.5	2.00	14.95	.	.
5	Md 02-5342	2	42.0250	-5	3.25	31.5	4.00	12.85	.	.
6	Md 02-5358	2	42.8375	-5	3.25	34.0	1.75	13.55	.	.
7	Md 02-5362	2	39.0000	-9	3.75	32.5	2.50	11.40	.	.
8	Md 02-5988	2	38.8250	-7	3.50	34.0	1.50	12.90	.	.
9	Md 02-651 RR	2	49.5750	-2	2.75	37.5	1.50	13.05	.	.
10	S02-2238RR	2	48.1500	4	3.50	37.0	2.00	16.15	.	.
11	S03-007RR	2	53.2375	6	3.50	40.5	1.50	14.10	.	.
12	S03-058RR	2	53.0000	4	3.00	41.5	1.75	15.35	.	.
13	S03-575CR	2	43.7875	5	3.50	41.0	2.00	14.85	.	.
14	TN02-19RR	2	40.1625	-5	3.25	37.0	2.00	12.40	.	.
15	V02-7740	2	47.2250	-8	3.00	34.5	2.00	12.95	.	.
16	V02-7767	2	43.1875	-8	1.75	34.0	2.00	15.60	.	.
17	V02-8706	2	47.0750	-13	3.00	32.5	2.25	12.85	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	3	36.9933	0.00000	1.00000	30.3333	.	.	.	.
2	AG 4403	3	32.5933	-3.00000	1.16667	29.0000	.	.	.	.
3	AG 4603	3	39.1600	-2.00000	1.00000	30.0000	.	.	.	.
4	LN97-15076	3	26.1733	-4.66667	1.16667	32.0000	.	.	.	.
5	Md 02-5342	3	22.4600	-1.00000	1.33333	30.3333	.	.	.	.
6	Md 02-5358	3	22.3067	-3.66667	1.00000	27.3333	.	.	.	.
7	Md 02-5362	3	24.1733	-1.00000	1.16667	27.0000	.	.	.	.
8	Md 02-5988	3	32.6467	-4.00000	1.16667	28.0000	.	.	.	.
9	Md 02-651 RR	3	34.7067	-2.00000	1.00000	26.6667	.	.	.	.
10	S02-2238RR	3	28.2800	-3.66667	1.00000	29.0000	.	.	.	.
11	S03-007RR	3	36.9200	-2.00000	1.00000	37.6667	.	.	.	.
12	S03-058RR	3	32.6400	-5.00000	1.00000	34.3333	.	.	.	.
13	S03-575CR	3	45.8600	-2.00000	1.33333	35.0000	.	.	.	.
14	TN02-19RR	3	38.0300	-6.00000	1.00000	29.3333	.	.	.	.
15	V02-7740	3	29.8133	-3.00000	1.00000	29.3333	.	.	.	.
16	V02-7767	3	31.5067	-2.00000	1.00000	30.0000	.	.	.	.
17	V02-8706	3	31.6267	-2.00000	1.00000	31.6667	.	.	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	2	53.2125	0	2	30	2	16.9	41.6	18.7
2	AG 4403	2	53.3115	0	2	34	2	12.7	42.1	20.6
3	AG 4603	2	62.9805	3	2	36	2	14.5	38.7	23.8
4	LN97-15076	2	63.1290	-3	2	36	2	14.6	41.5	19.4
5	Md 02-5342	2	49.2360	-2	2	30	2	14.7	39.6	22.6
6	Md 02-5358	2	54.6810	-4	3	30	3	14.1	47.7	18.7
7	Md 02-5362	2	56.3970	-3	3	28	2	14.0	40.1	23.4
8	Md 02-5988	2	69.5805	-3	3	34	2	12.7	41.3	21.5
9	Md 02-651 RR	2	63.6405	4	3	28	2	14.2	39.7	21.1
10	S02-2238RR	2	59.3175	3	4	36	2	15.5	42.2	19.5
11	S03-007RR	2	55.7700	1	3	37	2	13.6	40.4	21.9
12	S03-058RR	2	65.8185	-1	3	40	2	14.3	42.1	21.1
13	S03-575CR	2	63.5415	-1	4	38	4	15.5	42.0	21.2
14	TN02-19RR	2	64.4655	-3	2	32	2	11.9	44.3	20.7
15	V02-7740	2	60.5385	-4	2	32	2	15.4	40.9	21.5
16	V02-7767	2	65.1255	-3	2	32	2	17.9	42.7	19.5
17	V02-8706	2	62.4360	-4	2	30	2	15.6	42.0	22.1

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	3	58.1212	0.00000	2.50000	25.3333	.	.	.	.
2	AG 4403	3	59.7551	-4.00000	2.00000	28.6667	.	.	.	.
3	AG 4603	3	60.2648	-1.66667	2.33333	27.0000	.	.	.	.
4	LN97-15076	3	38.4793	-2.33333	2.00000	27.6667	.	.	.	.
5	Md 02-5342	3	23.1895	-0.33333	2.00000	22.3333	.	.	.	.
6	Md 02-5358	3	44.2955	-4.00000	2.50000	22.6667	.	.	.	.
7	Md 02-5362	3	36.5706	-2.00000	1.83333	22.3333	.	.	.	.
8	Md 02-5988	3	42.0619	-2.66667	2.16667	25.3333	.	.	.	.
9	Md 02-651 RR	3	51.9553	-5.33333	1.66667	25.0000	.	.	.	.
10	S02-2238RR	3	46.8038	2.00000	2.66667	27.3333	.	.	.	.
11	S03-007RR	3	59.6052	-2.00000	2.33333	37.0000	.	.	.	.
12	S03-058RR	3	47.4334	-1.33333	2.66667	32.3333	.	.	.	.
13	S03-575CR	3	46.2392	-4.00000	3.33333	32.0000	.	.	.	.
14	TN02-19RR	3	47.5283	-5.33333	3.16667	30.3333	.	.	.	.
15	V02-7740	3	36.2308	-4.00000	1.83333	24.0000	.	.	.	.
16	V02-7767	3	40.9927	-1.33333	1.33333	26.0000	.	.	.	.
17	V02-8706	3	38.5593	0.33333	1.50000	24.0000	.	.	.	.

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

ENTRYNO	VARIETY	_FREQ_	YIELD	MATURITY	LODGING	HEIGHT	QUALITY	SIZE	PROTEIN	OIL
1	AG 4201	2	32.2269	0.0	1.10	26.5	2.00	15.25	.	.
2	AG 4403	2	37.8873	2.5	1.00	29.0	2.00	12.10	.	.
3	AG 4603	2	41.6787	3.0	1.10	29.5	1.80	12.65	.	.
4	LN97-15076	2	43.7880	5.5	1.25	32.0	2.50	15.65	.	.
5	Md 02-5342	2	33.5085	3.0	1.35	29.5	2.85	13.70	.	.
6	Md 02-5358	2	34.4430	7.5	1.50	34.0	2.00	12.70	.	.
7	Md 02-5362	2	40.8243	5.5	1.60	32.0	1.90	12.05	.	.
8	Md 02-5988	2	49.8756	12.5	2.50	39.0	1.65	12.00	.	.
9	Md 02-651 RR	2	34.2962	-1.0	1.00	25.5	2.15	12.45	.	.
10	S02-2238RR	2	43.4276	14.0	2.10	40.5	2.65	14.90	.	.
11	S03-007RR	2	45.7772	17.0	1.90	43.5	1.90	12.30	.	.
12	S03-058RR	2	45.9107	13.0	1.35	39.5	1.65	12.70	.	.
13	S03-575CR	2	39.7964	13.0	1.35	39.5	2.10	14.45	.	.
14	TN02-19RR	2	34.2294	8.5	1.10	35.0	1.50	12.05	.	.
15	V02-7740	2	37.2465	2.0	1.00	28.5	2.00	13.50	.	.
16	V02-7767	2	37.0863	2.5	1.00	29.0	2.50	15.15	.	.
17	V02-8706	2	37.7004	2.0	1.00	28.5	2.90	14.25	.	.

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	17	AG 4201 AG 4403 AG 4603 LN97-15076 Md 02-5342 Md 02-5358 Md 02-5362 Md 02-5988 Md 02-651 RR S02-2238RR S03-007RR S03-058RR S03-575CR TN02-19RR V02-7740 V02-7767 V02-8706
REP	2	1 2

Number of Observations Read 34
Number of Observations Used 34

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	17	1118.200410	65.776495	9.03	<.0001
Error	16	116.579870	7.286242		
Corrected Total	33	1234.780280			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.905587	8.990628	2.699304	30.02353

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	5.112290	5.112290	0.70	0.4146
VARIETY	16	1113.088120	69.568008	9.55	<.0001

---------- 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	16
Error Mean Square	7.286242
Critical Value of t	2.11991
Least Significant Difference	5.7223

Means with the same letter are not significantly different.

t Grouping			Mean	N	VARIETY
	A		38.512	2	S03-007RR
	A				
B	A		36.544	2	AG 4403
B	A				
B	A		36.480	2	S03-575CR
B	A				
B	A		34.992	2	S02-2238RR
B	A				
B	A	C	33.216	2	Md 02-651 RR
B	A	C			
B	A	C	33.120	2	AG 4603
B		C			
B		C	32.368	2	S03-058RR
B		C			
B		C	32.144	2	AG 4201
B		C			
B		C	31.680	2	TN02-19RR
B		C			
B		C	31.152	2	LN97-15076
B		C			
B	D	C	30.880	2	Md 02-5988
	D	C			
	D	C	29.264	2	V02-7767
	D				
E	D		25.296	2	V02-7740
E					
E	F		22.512	2	Md 02-5342
E	F				
E	F		22.016	2	V02-8706
E	F				
E	F		20.864	2	Md 02-5358
	F				
	F		19.360	2	Md 02-5362

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	17	AG 4201 AG 4403 AG 4603 LN97-15076 Md 02-5342 Md 02-5358 Md 02-5362 Md 02-5988 Md 02-651 RR S02-2238RR S03-007RR S03-058RR S03-575CR TN02-19RR V02-7740 V02-7767 V02-8706
REP	2	1 2

Number of Observations Read 34
Number of Observations Used 34

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	17	1960.256364	115.309198	3.45	0.0086
Error	16	535.197672	33.449854		
Corrected Total	33	2495.454036			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.785531	19.67820	5.783585	29.39083

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	185.500874	185.500874	5.55	0.0316
VARIETY	16	1774.755490	110.922218	3.32	0.0108

---------- 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	16
Error Mean Square	33.44985
Critical Value of t	2.11991
Least Significant Difference	12.261

Means with the same letter are not significantly different.

t Grouping							Mean	N	VARIETY
			A				44.198	2	S03-007RR
			A						
	B		A				39.132	2	AG 4403
	B		A						
	B		A		C		37.252	2	S02-2238RR
	B		A		C				
	B	D	A		C		35.819	2	AG 4201
	B	D	A		C				
E	B	D	A		C		34.235	2	AG 4603
E	B	D	A		C				
E	B	D	A		C	F	33.154	2	TN02-19RR
E	B	D			C	F			
E	B	D	G		C	F	31.674	2	V02-8706
E	B	D	G		C	F			
E	B	D	G		C	F	30.682	2	V02-7740
E	B	D	G		C	F			
E	B	D	G		C	F	28.529	2	S03-058RR
E	B	D	G		C	F			
E	B	D	G	H	C	F	27.040	2	Md 02-5988
E	B	D	G	H	C	F			
E	B	D	G	H	C	F	26.960	2	LN97-15076
E		D	G	H	C	F			
E		D	G	H	C	F	26.568	2	Md 02-651 RR
E		D	G	H		F			
E		D	G	H		F	24.600	2	V02-7767
E			G	H		F			
E			G	H		F	22.431	2	S03-575CR
			G	H		F			
			G	H		F	21.847	2	Md 02-5362
			G	H					
			G	H			19.590	2	Md 02-5358
				H					
				H			15.933	2	Md 02-5342

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	17	AG 4201 AG 4403 AG 4603 LN97-15076 Md 02-5342 Md 02-5358 Md 02-5362 Md 02-5988 Md 02-651 RR S02-2238RR S03-007RR S03-058RR S03-575CR TN02-19RR V02-7740 V02-7767 V02-8706
REP	3	1 2 3

Number of Observations Read 51
Number of Observations Used 51

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	18	752.467200	41.803733	4.29	0.0002
Error	32	311.764392	9.742637		
Corrected Total	50	1064.231592			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.707052	7.912838	3.121320	39.44627

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	123.8710745	61.9355373	6.36	0.0047
VARIETY	16	628.5961255	39.2872578	4.03	0.0004

---------- 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	32
Error Mean Square	9.742637
Critical Value of t	2.03693
Least Significant Difference	5.1912

Means with the same letter are not significantly different.

t Grouping			Mean	N	VARIETY
		A	47.047	3	S03-007RR
		A			
B		A	42.907	3	AG 4201
B		A			
B		A	42.740	3	AG 4603
B		A			
B		A	42.733	3	LN97-15076
B		A			
B		A	C	42.113	3	S03-058RR
B			C			
B		D	C	41.353	3	AG 4403
B		D	C			
B		D	C	40.793	3	Md 02-5362
B		D	C			
B		D	C	39.153	3	S02-2238RR
B		D	C			
B		D	C	39.027	3	Md 02-651 RR
B		D	C			
B		D	C	38.947	3	S03-575CR
B		D	C			
B		D	C	38.460	3	Md 02-5358
B		D	C			
B	E	D	C	38.020	3	TN02-19RR
B	E	D	C			
B	E	D	C	37.787	3	Md 02-5988
	E	D	C			
	E	D	C	37.447	3	V02-7767
	E	D				
	E	D		36.173	3	V02-7740
	E					
	E			33.027	3	Md 02-5342
	E					
	E			32.860	3	V02-8706

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	17	AG 4201 AG 4403 AG 4603 LN97-15076 Md 02-5342 Md 02-5358 Md 02-5362 Md 02-5988 Md 02-651 RR S02-2238RR S03-007RR S03-058RR S03-575CR TN02-19RR V02-7740 V02-7767 V02-8706
REP	2	1 2

Number of Observations Read 34
Number of Observations Used 34

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	17	489.4049824	28.7885284	1.79	0.1249
Error	16	256.9321235	16.0582577		
Corrected Total	33	746.3371059			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.655743	27.51694	4.007276	14.56294

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	23.6555765	23.6555765	1.47	0.2425
VARIETY	16	465.7494059	29.1093379	1.81	0.1224

---------- 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	16
Error Mean Square	16.05826
Critical Value of t	2.11991
Least Significant Difference	8.495

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY
		A		20.540	2	S03-575CR
		A				
	B	A		19.535	2	S03-007RR
	B	A				
	B	A		19.100	2	S03-058RR
	B	A				
	B	A	C	18.780	2	Md 02-5988
	B	A	C			
	B	A	C	18.395	2	S02-2238RR
	B	A	C			
	B	D	A	C	17.610	2	LN97-15076
	B	D	A	C			
E	B	D	A	C	15.805	2	V02-7740
E	B	D	A	C			
E	B	D	A	C	13.840	2	AG 4603
E	B	D	A	C			
E	B	D	A	C	13.570	2	TN02-19RR
E	B	D	A	C			
E	B	D	A	C	13.390	2	AG 4403
E	B	D	A	C			
E	B	D	A	C	12.840	2	AG 4201
E	B	D	A	C			
E	B	D	A	C	12.485	2	Md 02-5358
E	B	D	A	C			
E	B	D	A	C	12.140	2	Md 02-651 RR
E	B	D		C			
E	B	D		C	11.240	2	V02-7767
E		D		C			
E		D		C	10.525	2	Md 02-5342
E		D					
E		D		9.495	2	V02-8706
E							
E				8.280	2	Md 02-5362

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	17	AG 4201 AG 4403 AG 4603 LN97-15076 Md 02-5342 Md 02-5358 Md 02-5362 Md 02-5988 Md 02-651 RR S02-2238RR S03-007RR S03-058RR S03-575CR TN02-19RR V02-7740 V02-7767 V02-8706
REP	2	1 2

Number of Observations Read 34
Number of Observations Used 33

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	17	1567.606946	92.212173	3.24	0.0135
Error	15	427.205661	28.480377		
Corrected Total	32	1994.812607			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.785842	17.25671	5.336701	30.92537

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	73.359076	73.359076	2.58	0.1294
VARIETY	16	1494.247870	93.390492	3.28	0.0132

---------- 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	15
Error Mean Square	28.48038
Critical Value of t	2.13145
Least Significant Difference	11.705
Harmonic Mean of Cell Sizes	1.888889

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	41.737	2	S03-007RR
A			
B A	41.535	2	AG 4603
B A			
B A C	39.817	2	AG 4403
B A C			
B A C	39.673	2	S02-2238RR
B A C			
B D A C	34.627	2	V02-7740
B D A C			
E B D A C	34.509	2	S03-058RR
E B D A C			
E B D A C F	30.574	2	Md 02-5362
E B D A C F			
E B D A C F	30.338	2	AG 4201
E B D C F			
E B D C F	29.850	2	TN02-19RR
E D C F			
E D G C F	29.656	2	S03-575CR
E D G F			
E D G F	27.516	2	V02-7767
E D G F			
E D G F	26.985	2	Md 02-651 RR
E D G F			
E D G F	25.073	2	Md 02-5988
E D G F			
E D G F	24.795	2	Md 02-5358
E G F			
E G F	22.815	2	LN97-15076
G F			
G F	21.787	2	V02-8706
G			
G	17.962	1	Md 02-5342

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	17	AG 4201 AG 4403 AG 4603 LN97-15076 Md 02-5342 Md 02-5358 Md 02-5362 Md 02-5988 Md 02-651 RR S02-2238RR S03-007RR S03-058RR S03-575CR TN02-19RR V02-7740 V02-7767 V02-8706
REP	2	1 2

Number of Observations Read 34
Number of Observations Used 34

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	17	1289.966783	75.880399	2.82	0.0221
Error	16	431.077217	26.942326		
Corrected Total	33	1721.044001			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.749526	18.69488	5.190600	27.76482

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	4.909836	4.909836	0.18	0.6751
VARIETY	16	1285.056948	80.316059	2.98	0.0178

---------- 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	16
Error Mean Square	26.94233
Critical Value of t	2.11991
Least Significant Difference	11.004

Means with the same letter are not significantly different.

t Grouping			Mean	N	VARIETY
		A	39.574	2	Md 02-651 RR
		A			
B		A	35.412	2	S02-2238RR
B		A			
B		A	33.809	2	AG 4403
B		A			
B		A	C	33.051	2	AG 4201
B		A	C			
B		A	C	31.250	2	V02-7740
B		A	C			
B	D	A	C	29.402	2	S03-007RR
B	D	A	C			
B	D	A	C	29.387	2	S03-575CR
B	D	A	C			
B	D	A	C	29.205	2	Md 02-5362
B	D	A	C			
B	D	A	C	29.142	2	AG 4603
B	D		C			
B	D		C	28.099	2	Md 02-5988
B	D		C			
B	D		C	26.638	2	LN97-15076
B	D		C			
B	D		C	26.125	2	Md 02-5358
B	D		C			
B	D		C	25.714	2	S03-058RR
	D		C			
	D	E	C	22.058	2	V02-8706
	D	E				
	D	E		19.767	2	Md 02-5342
	D	E				
	D	E		18.717	2	V02-7767
		E				
		E		14.650	2	TN02-19RR

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	17	AG 4201 AG 4403 AG 4603 LN97-15076 Md 02-5342 Md 02-5358 Md 02-5362 Md 02-5988 Md 02-651 RR S02-2238RR S03-007RR S03-058RR S03-575CR TN02-19RR V02-7740 V02-7767 V02-8706
REP	2	1 2

Number of Observations Read	34
Number of Observations Used	34

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	17	2826.647504	166.273383	6.90	0.0002
Error	16	385.694561	24.105910		
Corrected Total	33	3212.342065			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.879934	6.204962	4.909777	79.12662

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	24.867164	24.867164	1.03	0.3249
VARIETY	16	2801.780341	175.111271	7.26	0.0001

---------- 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	16
Error Mean Square	24.10591
Critical Value of t	2.11991
Least Significant Difference	10.408

Means with the same letter are not significantly different.

t Grouping			Mean	N	VARIETY
		A	94.784	2	S03-007RR
		A			
B		A	91.561	2	AG 4603
B		A			
B		A	89.138	2	S03-058RR
B		A			
B		A	88.265	2	AG 4403
B		A			
B		A	C	84.563	2	Md 02-651 RR
B			C			
B		D	C	83.812	2	V02-8706
B		D	C			
B		D	C	82.336	2	S02-2238RR
B		D	C			
B		D	C	81.401	2	AG 4201
B		D	C			
B		D	C	81.401	2	V02-7740
		D	C			
E		D	C	77.293	2	S03-575CR
E		D	C			
E		D	C	77.183	2	V02-7767
E		D	C			
E	F	D	C	74.612	2	LN97-15076
E	F	D				
E	F	D		74.058	2	Md 02-5358
E	F					
E	F	G		68.819	2	TN02-19RR
E	F	G				
E	F	G		68.117	2	Md 02-5362
	F	G				
	F	G		64.661	2	Md 02-5988
		G				
		G		63.148	2	Md 02-5342

---------- LOCATION=PROSPER,TX(E) TTYPE=PIVS ----------

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	17	AG 4201 AG 4403 AG 4603 LN97-15076 Md 02-5342 Md 02-5358 Md 02-5362 Md 02-5988 Md 02-651 RR S02-2238RR S03-007RR S03-058RR S03-575CR TN02-19RR V02-7740 V02-7767 V02-8706
REP	1	1

Number of Observations Read 17
Number of Observations Used 17

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	16	286.2352941	17.8897059	.	.
Error	0	0.0000000	.		
Corrected Total	16	286.2352941			

R-Square	Coeff Var	Root MSE	YIELD Mean
1.000000	.	.	12.52941

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	0	0.0000000	.	.	.
VARIETY	16	286.2352941	17.8897059	.	.

---------- LOCATION=PROSPER,TX(E) TTYPE=PIVS ----------

The ANOVA Procedure

Level of VARIETY	N	YIELD Mean	YIELD Std Dev
AG 4201	1	10.0000000	.
AG 4403	1	14.0000000	.
AG 4603	1	8.0000000	.
LN97-15076	1	14.0000000	.
Md 02-5342	1	4.0000000	.
Md 02-5358	1	11.0000000	.
Md 02-5362	1	9.0000000	.
Md 02-5988	1	18.0000000	.
Md 02-651 RR	1	8.0000000	.
S02-2238RR	1	11.0000000	.
S03-007RR	1	13.0000000	.
S03-058RR	1	20.0000000	.
S03-575CR	1	15.0000000	.
TN02-19RR	1	18.0000000	.
V02-7740	1	17.0000000	.
V02-7767	1	11.0000000	.
V02-8706	1	12.0000000	.

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	17	AG 4201 AG 4403 AG 4603 LN97-15076 Md 02-5342 Md 02-5358 Md 02-5362 Md 02-5988 Md 02-651 RR S02-2238RR S03-007RR S03-058RR S03-575CR TN02-19RR V02-7740 V02-7767 V02-8706
REP	2	1 2

Number of Observations Read 34
Number of Observations Used 34

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	17	828.287169	48.722775	3.00	0.0166
Error	16	259.965037	16.247815		
Corrected Total	33	1088.252206			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.761117	8.673723	4.030858	46.47206

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	34.5018382	34.5018382	2.12	0.1644
VARIETY	16	793.7853309	49.6115832	3.05	0.0160

---------- 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	16
Error Mean Square	16.24781
Critical Value of t	2.11991
Least Significant Difference	8.545

Means with the same letter are not significantly different.

t Grouping			Mean	N	VARIETY
		A	54.800	2	AG 4403
		A			
		A	53.238	2	S03-007RR
		A			
		A	53.000	2	S03-058RR
		A			
B		A	49.713	2	LN97-15076
B		A			
B		A	49.575	2	Md 02-651 RR
B		A			
B		A	48.975	2	AG 4201
B		A			
B		A	C	48.450	2	AG 4603
B		A	C			
B		A	C	48.150	2	S02-2238RR
B		A	C			
B	D	A	C	47.225	2	V02-7740
B	D	A	C			
B	D	A	C	47.075	2	V02-8706
B	D		C			
B	D		C	43.788	2	S03-575CR
B	D		C			
B	D		C	43.188	2	V02-7767
B	D		C			
B	D		C	42.838	2	Md 02-5358
B	D		C			
B	D		C	42.025	2	Md 02-5342
	D		C			
	D		C	40.163	2	TN02-19RR
	D					
	D			39.000	2	Md 02-5362
	D					
	D			38.825	2	Md 02-5988

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	17	AG 4201 AG 4403 AG 4603 LN97-15076 Md 02-5342 Md 02-5358 Md 02-5362 Md 02-5988 Md 02-651 RR S02-2238RR S03-007RR S03-058RR S03-575CR TN02-19RR V02-7740 V02-7767 V02-8706
REP	3	1 2 3

Number of Observations Read	51
Number of Observations Used	50

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	18	2592.287104	144.015950	4.54	0.0001
Error	31	982.639104	31.698036		
Corrected Total	49	3574.926208			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.725130	17.59802	5.630101	31.99280

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	718.990162	359.495081	11.34	0.0002
VARIETY	16	1873.296941	117.081059	3.69	0.0009

---------- LOCATION=SPRINGFIELD,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	31
Error Mean Square	31.69804
Critical Value of t	2.03951
Least Significant Difference	9.5124
Harmonic Mean of Cell Sizes	2.914286

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping				Mean	N	VARIETY
		A		45.860	3	S03-575CR
		A				
B		A		39.160	3	AG 4603
B		A				
B		A		38.030	2	TN02-19RR
B		A				
B		A	C	36.993	3	AG 4201
B		A	C			
B		A	C	36.920	3	S03-007RR
B			C			
B		D	C	34.707	3	Md 02-651 RR
B		D	C			
B	E	D	C	32.647	3	Md 02-5988
B	E	D	C			
B	E	D	C	32.640	3	S03-058RR
B	E	D	C			
B	E	D	C	32.593	3	AG 4403
B	E	D	C			
F	B	E	D	C	31.627	3	V02-8706
F	B	E	D	C			
F	B	E	D	C	31.507	3	V02-7767
F	B	E	D	C			
F	B	E	D	C	29.813	3	V02-7740
F		E	D	C			
F		E	D	C	28.280	3	S02-2238RR
F		E	D				
F		E	D	26.173	3	LN97-15076
F		E				
F		E		24.173	3	Md 02-5362
F						
F				22.460	3	Md 02-5342
F						
F				22.307	3	Md 02-5358

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	17	AG 4201 AG 4403 AG 4603 LN97-15076 Md 02-5342 Md 02-5358 Md 02-5362 Md 02-5988 Md 02-651 RR S02-2238RR S03-007RR S03-058RR S03-575CR TN02-19RR V02-7740 V02-7767 V02-8706
REP	2	1 2

Number of Observations Read 34
Number of Observations Used 34

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	17	1374.942157	80.878950	1.17	0.3798
Error	16	1107.361757	69.210110		
Corrected Total	33	2482.303914			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.553898	13.82232	8.319261	60.18715

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	398.4372024	398.4372024	5.76	0.0290
VARIETY	16	976.5049548	61.0315597	0.88	0.5978

---------- 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	16
Error Mean Square	69.21011
Critical Value of t	2.11991
Least Significant Difference	17.636

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	69.581	2	Md 02-5988
A			
B A	65.819	2	S03-058RR
B A			
B A	65.126	2	V02-7767
B A			
B A	64.466	2	TN02-19RR
B A			
B A	63.641	2	Md 02-651 RR
B A			
B A	63.542	2	S03-575CR
B A			
B A	63.129	2	LN97-15076
B A			
B A	62.981	2	AG 4603
B A			
B A	62.436	2	V02-8706
B A			
B A	60.539	2	V02-7740
B A			
B A	59.318	2	S02-2238RR
B A			
B A	56.397	2	Md 02-5362
B A			
B A	55.770	2	S03-007RR
B A			
B A	54.681	2	Md 02-5358
B A			
B A	53.312	2	AG 4403
B A			
B A	53.213	2	AG 4201
B			
B	49.236	2	Md 02-5342

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	17	AG 4201 AG 4403 AG 4603 LN97-15076 Md 02-5342 Md 02-5358 Md 02-5362 Md 02-5988 Md 02-651 RR S02-2238RR S03-007RR S03-058RR S03-575CR TN02-19RR V02-7740 V02-7767 V02-8706
REP	3	1 2 3

Number of Observations Read 51
Number of Observations Used 51

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	18	5086.273414	282.570745	8.65	<.0001
Error	32	1045.199926	32.662498		
Corrected Total	50	6131.473340			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.829535	12.48665	5.715111	45.76976

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	2	212.914210	106.457105	3.26	0.0515
VARIETY	16	4873.359205	304.584950	9.33	<.0001

---------- LOCATION=STUTTGART,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	32
Error Mean Square	32.6625
Critical Value of t	2.03693
Least Significant Difference	9.5051

Means with the same letter are not significantly different.

t Grouping			Mean	N	VARIETY
	A		60.265	3	AG 4603
	A				
	A		59.755	3	AG 4403
	A				
	A		59.605	3	S03-007RR
	A				
	A		58.121	3	AG 4201
	A				
B	A		51.955	3	Md 02-651 RR
B					
B	C		47.528	3	TN02-19RR
B	C				
B	C		47.433	3	S03-058RR
B	C				
B	C		46.804	3	S02-2238RR
B	C				
B	C		46.239	3	S03-575CR
B	C				
B	C	D	44.295	3	Md 02-5358
	C	D			
	C	D	42.062	3	Md 02-5988
	C	D			
	C	D	40.993	3	V02-7767
	C	D			
	C	D	38.559	3	V02-8706
	C	D			
	C	D	38.479	3	LN97-15076
		D			
		D	36.571	3	Md 02-5362
		D			
		D	36.231	3	V02-7740
	E		23.190	3	Md 02-5342

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

The ANOVA Procedure

Class Level Information

Class	Levels	Values
VARIETY	17	AG 4201 AG 4403 AG 4603 LN97-15076 Md 02-5342 Md 02-5358 Md 02-5362 Md 02-5988 Md 02-651 RR S02-2238RR S03-007RR S03-058RR S03-575CR TN02-19RR V02-7740 V02-7767 V02-8706
REP	2	1 2

Number of Observations Read 34
Number of Observations Used 34

Dependent Variable: YIELD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	17	833.561834	49.033049	1.04	0.4703
Error	16	753.884781	47.117799		
Corrected Total	33	1587.446615			

R-Square	Coeff Var	Root MSE	YIELD Mean
0.525096	17.42446	6.864241	39.39428

Source	DF	Anova SS	Mean Square	F Value	Pr > F
REP	1	4.8914528	4.8914528	0.10	0.7515
VARIETY	16	828.6703810	51.7918988	1.10	0.4261

---------- 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	16
Error Mean Square	47.1178
Critical Value of t	2.11991
Least Significant Difference	14.552

Means with the same letter are not significantly different.

t Grouping	Mean	N	VARIETY
A	49.876	2	Md 02-5988
A			
B A	45.911	2	S03-058RR
B A			
B A	45.777	2	S03-007RR
B A			
B A	43.788	2	LN97-15076
B A			
B A	43.428	2	S02-2238RR
B A			
B A	41.679	2	AG 4603
B A			
B A	40.824	2	Md 02-5362
B A			
B A	39.796	2	S03-575CR
B A			
B A	37.887	2	AG 4403
B A			
B A	37.700	2	V02-8706
B A			
B A	37.247	2	V02-7740
B A			
B A	37.086	2	V02-7767
B			
B	34.443	2	Md 02-5358
B			
B	34.296	2	Md 02-651 RR
B			
B	34.229	2	TN02-19RR
B			
B	33.509	2	Md 02-5342
B			
B	32.227	2	AG 4201