15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Tumor Incidence

PROJECT ID: 1231 GROUP: 0ppm SEX: MALE DAYS: ALL
FATES: ALL

ID	DAYS	TISSUE OF ORIGIN		TUMOR TYPE	PETO
4029	727	TESTES	B	SEMINOMA	1
4043	681	MAMMARY GLAND	B	FIBROADENOMA	1

Total Animals/Group:	50
Total Primary Tumors:	2
Total Animals with Tumors:	2
Total Animals with Multiple Tumors:	0
Total Benign:	2
Total Malignant:	0
Total Malignant with Metastasis:	0
Avg. DAYS on Test for Animals with Tumors:	704

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Tumor Incidence

PROJECT ID: 1231 GROUP: 0ppm SEX: MALE DAYS: ALL
FATES: ALL

ID	DAYS	TISSUE OF ORIGIN		TUMOR TYPE	PETO
4029	727	TESTES	B	SEMINOMA	1
4043	681	MAMMARY GLAND	B	FIBROADENOMA	1

Total Animals/Group:	50
Total Primary Tumors:	2
Total Animals with Tumors:	2
Total Animals with Multiple Tumors:	0
Total Benign:	2
Total Malignant:	0
Total Malignant with Metastasis:	0
Avg. DAYS on Test for Animals with Tumors:	704

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Tumor Incidence

PROJECT ID: 1231 GROUP: 0ppm SEX: FEMALE DAYS: ALL
FATES: ALL

ID	DAYS	TISSUE OF ORIGIN	TUMOR TYPE		PETO
4054	728	MAMMARY GLAND	B	ADENOMA	2
4055	627	MAMMARY GLAND	B	ADENOMA	1
4058	728	MAMMARY GLAND	B	CYSTADENOMA	1
4063	643	MAMMARY GLAND	M	ADENOCARCINOMA	2
4067	472	MAMMARY GLAND	B	FIBROADENOMA	2
4068	728	SKIN	B	SUBCUT.TISSUE,FIBROMA,HARD	1
4070	550	SKIN	B	SUBCUT.TISSUE,FIBROMA,HARD	2
4074	728	MAMMARY GLAND	B	ADENOMA	1
4076	633	MAMMARY GLAND	B	PAPILLARY ADENOMA	1
4085	489	MAMMARY GLAND	B	FIBROADENOMA	2
4092	729	MAMMARY GLAND	B	ADENOMA	2
4095	683	MAMMARY GLAND	B	FIBROADENOMA	2
4099	402	MAMMARY GLAND	B	FIBROADENOMA	2

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Tumor Incidence

PROJECT ID: 1231 GROUP: 0ppm SEX: FEMALE DAYS: ALL
FATES: ALL

ID	DAYS	TISSUE OF ORIGIN	TUMOR TYPE	PETO

Total Animals/Group:	50
Total Primary Tumors:	13
Total Animals with Tumors:	13
Total Animals with Multiple Tumors:	0
Total Benign:	12
Total Malignant:	1
Total Malignant with Metastasis:	0
Avg. DAYS on Test for Animals with Tumors:	626

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Tumor Incidence

PROJECT ID: 1231 GROUP: 3000ppm SEX: MALE DAYS: ALL
FATES: ALL

ID	DAYS	TISSUE OF ORIGIN		TUMOR TYPE	PETO
4107	729	TESTES	B	INTERSTITIAL CELL TUMOUR	1
4108	637	MAMMARY GLAND	B	FIBROADENOMA	1
4115	578	MAMMARY GLAND	B	ADENOMA	2
4143	730	MAMMARY GLAND	B	FIBROADENOMA	2
4150	275	LIVER	C	HEPATOCELLULAR CARCINOMA	4
		SPLEEN	+	LYMPHOMA MALIGNANT LYMPHOCYTIC	
		LUNGS	+	LYMPHOMA MALIGNANT LYMPHOCYTIC	
		MES. LYMPH NODE	+	LYMPHOMA MALIGNANT LYMPHOCYTIC	

Total Animals/Group:	50
Total Primary Tumors:	5
Total Animals with Tumors:	5
Total Animals with Multiple Tumors:	0
Total Benign:	4
Total Malignant:	1
Total Malignant with Metastasis:	1
Avg. DAYS on Test for Animals with Tumors:	590

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Tumor Incidence

PROJECT ID: 1231 GROUP: 3000ppm SEX: FEMALE DAYS: ALL
FATES: ALL

ID	DAYS	TISSUE OF ORIGIN		TUMOR TYPE	PETO
4161	577	MAMMARY GLAND	B	FIBROADENOMA	2
4165	730	MAMMARY GLAND	B	ADENOMA	2
4170	730	MAMMARY GLAND	B	ADENOMA	1
4178	450	MAMMARY GLAND	B	PAPILLARY ADENOMA	1
4179	637	MAMMARY GLAND	B	ADENOMA	1
4181	730	OVARIES	B	ADENOMA	1
4183	556	MAMMARY GLAND	B	ADENOMA	2
4188	686	MAMMARY GLAND	B	ADENOMA	1

Total Animals/Group:	50
Total Primary Tumors:	8
Total Animals with Tumors:	8
Total Animals with Multiple Tumors:	0
Total Benign:	8
Total Malignant:	0
Total Malignant with Metastasis:	0
Avg. DAYS on Test for Animals with Tumors:	637

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Tumor Incidence

PROJECT ID: 1231 GROUP: 15000ppm SEX: MALE DAYS: ALL
FATES: ALL

ID	DAYS	TISSUE OF ORIGIN		TUMOR TYPE	PETO
4221	731	MAMMARY GLAND	B	ADENOMA	1
4241	733	TESTES	B	INTERSTITIAL CELL TUMOUR	1
4242	733	SKIN	B	SUBCUT. TISSUE, LIPOMA	2
4244	733	TESTES	B	INTERSTITIAL CELL TUMOUR	1
4245	627	SKIN	B	SUBCUT. TISSUE, FIBROMA	1

Total Animals/Group:	50
Total Primary Tumors:	5
Total Animals with Tumors:	5
Total Animals with Multiple Tumors:	0
Total Benign:	5
Total Malignant:	0
Total Malignant with Metastasis:	0
Avg. DAYS on Test for Animals with Tumors:	711

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Tumor Incidence

PROJECT ID: 1231 GROUP: 15000ppm SEX: FEMALE DAYS: ALL
FATES: ALL

ID	DAYS	TISSUE OF ORIGIN		TUMOR TYPE	PETO
4257	582	MAMMARY GLAND	B	FIBROADENOMA	1
4262	590	MAMMARY GLAND	B	FIBROADENOMA	1
4273	733	SKIN	B	SUBCUT. TISSUE, FIBROMA	2
4281	372	MAMMARY GLAND	B	ADENOMA	1
4285	733	MAMMARY GLAND	B	FIBROADENOMA	1
4290	493	MAMMARY GLAND	B	ADENOMA	1
4296	734	MAMMARY GLAND	B	FIBROADENOMA	2
4300	734	MAMMARY GLAND	B	FIBROADENOMA	1

Total Animals/Group:	50
Total Primary Tumors:	8
Total Animals with Tumors:	8
Total Animals with Multiple Tumors:	0
Total Benign:	8
Total Malignant:	0
Total Malignant with Metastasis:	0
Avg. DAYS on Test for Animals with Tumors:	621

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Tumor Incidence

PROJECT ID: 1231 GROUP: 25000ppm SEX: MALE DAYS: ALL
FATES: ALL

ID	DAYS	TISSUE OF ORIGIN	TUMOR TYPE	PETO

Total Animals/Group:	50
Total Primary Tumors:	0
Total Animals with Tumors:	0
Total Animals with Multiple Tumors:	0
Total Benign:	0
Total Malignant:	0
Total Malignant with Metastasis:	0
Avg. DAYS on Test for Animals with Tumors:	0

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Tumor Incidence

PROJECT ID: 1231 GROUP: 25000ppm SEX: FEMALE DAYS: ALL
FATES: ALL

ID	DAYS	TISSUE OF ORIGIN		TUMOR TYPE	PETO
4351	735	MAMMARY GLAND	B	FIBROADENOMA	1
4352	735	MAMMARY GLAND	B	FIBROADENOMA	2
4354	402	MAMMARY GLAND	B	FIBROADENOMA	1
4378	468	SKIN	B	ACANTHOMA	1
4392	708	MAMMARY GLAND	B	FIBROADENOMA	1
4393	500	MAMMARY GLAND	B	FIBROADENOMA	1

Total Animals/Group:	50
Total Primary Tumors:	6
Total Animals with Tumors:	6
Total Animals with Multiple Tumors:	0
Total Benign:	6
Total Malignant:	0
Total Malignant with Metastasis:	0
Avg. DAYS on Test for Animals with Tumors:	591

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Summary Tumor Incidence

PROJECT ID: 1231 FATES: ALL
DAYS: ALL SEX: MALE

GROUP:	0ppm	3000ppm	15000ppm	25000ppm
	#	#	#	#
Total Animals/Group	50	50	50	50
Total Primary Tumors	2	5	5	0
Total Animals with Tumors	2	5	5	0
Total Animals w/ Multiple Tumors	0	0	0	0
Total Benign	2	4	5	0
Total Malignant	0	1	0	0
Total Malignant with Metastasis	0	1	0	0

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Summary Tumor Incidence

PROJECT ID: 1231 FATES: ALL
DAYS: ALL SEX: FEMALE

GROUP:	0ppm	3000ppm	15000ppm	25000ppm
	#	#	#	#
Total Animals/Group	50	50	50	50
Total Primary Tumors	13	8	8	6
Total Animals with Tumors	13	8	8	6
Total Animals w/ Multiple Tumors	0	0	0	0
Total Benign	12	8	8	6
Total Malignant	1	0	0	0
Total Malignant with Metastasis	0	0	0	0

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Selected Animals

PROJECT ID: 1231

DAYS : ALL
FINDINGS : * Selected

GROUP :	0ppm	3000ppm	15000ppm	25000ppm
SEX :	MALE	MALE	MALE	MALE
No. of ANIMALS :	50	50	50	50
	4029	4107	4221	------
	4043	4108	4241	------
	------	4115	4242	------
	------	4143	4244	------
	------	4150	4245	------

The above animals have at least one of the following findings.

* Findings selected are :

LIVER:
HEPATOCELLULAR CARCINOMA

SPLEEN:
LYMPHOMA MALIGNANT LYMPHOCYTIC

LUNGS:
LYMPHOMA MALIGNANT LYMPHOCYTIC

MES. LYMPH NODE:
LYMPHOMA MALIGNANT LYMPHOCYTIC

TESTES:
INTERSTITIAL CELL TUMOUR
SEMINOMA

SKIN:
SUBCUT. TISSUE, FIBROMA
SUBCUT. TISSUE, LIPOMA

MAMMARY GLAND:
ADENOMA
FIBROADENOMA

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Peto Score Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : LIVER FATES : ALL
FINDING : HEPATOCELLULAR CARCINOMA

FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1M: 0ppm	47	0.00	0	0.24	-0.24
2M: 3000ppm	49	3000.00	1	0.26	0.74
3M: 15000ppm	49	%15000.00	0	0.26	-0.26
4M: 25000ppm	47	%25000.00	0	0.24	-0.24

T Value : -7713.542

NON-FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1M: 0ppm	47	0.00	0	0.00	0.00
2M: 3000ppm	49	3000.00	0	0.00	0.00
3M: 15000ppm	49	%15000.00	0	0.00	0.00
4M: 25000ppm	47	%25000.00	0	0.00	0.00

T Value : 0

TOTAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected	ML Value
1M: 0ppm	47	0.00	0	0.24	-0.24	0.00
2M: 3000ppm	49	3000.00	1	0.26	0.74	3.92
3M: 15000ppm	49	%15000.00	0	0.26	-0.26	0.00
4M: 25000ppm	47	%25000.00	0	0.24	-0.24	0.00

T Value : %-7713.54200
Variance : %97933568.00000
Z Value : -0.77945
One Tailed Probability: 0.25000

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Peto Score Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : SPLEEN FATES : ALL
FINDING : LYMPHOMA MALIGNANT LYMPHOCYTIC

FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1M: 0ppm	48	0.00	0	0.00	0.00
2M: 3000ppm	18	3000.00	0	0.00	0.00
3M: 15000ppm	21	%15000.00	0	0.00	0.00
4M: 25000ppm	47	%25000.00	0	0.00	0.00

T Value : 0

NON-FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1M: 0ppm	48	0.00	0	0.00	0.00
2M: 3000ppm	18	3000.00	0	0.00	0.00
3M: 15000ppm	21	%15000.00	0	0.00	0.00
4M: 25000ppm	47	%25000.00	0	0.00	0.00

T Value : 0

TOTAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected	ML Value
1M: 0ppm	48	0.00	0	0.00	0.00	1.00
2M: 3000ppm	18	3000.00	0	0.00	0.00	1.00
3M: 15000ppm	21	%15000.00	0	0.00	0.00	1.00
4M: 25000ppm	47	%25000.00	0	0.00	0.00	1.00

T Value : 0.00000
Variance : 0.00000
Z Value : 0.00000
One Tailed Probability: 0.50000

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Peto Score Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : LUNGS FATES : ALL
FINDING : LYMPHOMA MALIGNANT LYMPHOCYTIC

FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1M: 0ppm	48	0.00	0	0.00	0.00
2M: 3000ppm	49	3000.00	0	0.00	0.00
3M: 15000ppm	48	%15000.00	0	0.00	0.00
4M: 25000ppm	47	%25000.00	0	0.00	0.00

T Value : 0

NON-FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1M: 0ppm	48	0.00	0	0.00	0.00
2M: 3000ppm	49	3000.00	0	0.00	0.00
3M: 15000ppm	48	%15000.00	0	0.00	0.00
4M: 25000ppm	47	%25000.00	0	0.00	0.00

T Value : 0

TOTAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected	ML Value
1M: 0ppm	48	0.00	0	0.00	0.00	1.00
2M: 3000ppm	49	3000.00	0	0.00	0.00	1.00
3M: 15000ppm	48	%15000.00	0	0.00	0.00	1.00
4M: 25000ppm	47	%25000.00	0	0.00	0.00	1.00

T Value : 0.00000
Variance : 0.00000
Z Value : 0.00000
One Tailed Probability: 0.50000

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Peto Score Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : MES. LYMPH NODE FATES : ALL
FINDING : LYMPHOMA MALIGNANT LYMPHOCYTIC

FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1M: 0ppm	48	0.00	0	0.00	0.00
2M: 3000ppm	18	3000.00	0	0.00	0.00
3M: 15000ppm	21	%15000.00	0	0.00	0.00
4M: 25000ppm	47	%25000.00	0	0.00	0.00

T Value : 0

NON-FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1M: 0ppm	48	0.00	0	0.00	0.00
2M: 3000ppm	18	3000.00	0	0.00	0.00
3M: 15000ppm	21	%15000.00	0	0.00	0.00
4M: 25000ppm	47	%25000.00	0	0.00	0.00

T Value : 0

TOTAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected	ML Value
1M: 0ppm	48	0.00	0	0.00	0.00	1.00
2M: 3000ppm	18	3000.00	0	0.00	0.00	1.00
3M: 15000ppm	21	%15000.00	0	0.00	0.00	1.00
4M: 25000ppm	47	%25000.00	0	0.00	0.00	1.00

T Value : 0.00000
Variance : 0.00000
Z Value : 0.00000
One Tailed Probability: 0.50000

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Peto Score Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : TESTES FATES : ALL
FINDING : INTERSTITIAL CELL TUMOUR

FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1M: 0ppm	48	0.00	0	0.00	0.00
2M: 3000ppm	49	3000.00	0	0.00	0.00
3M: 15000ppm	49	%15000.00	0	0.00	0.00
4M: 25000ppm	47	%25000.00	0	0.00	0.00

T Value : 0

NON-FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1M: 0ppm	48	0.00	0	0.00	0.00
2M: 3000ppm	49	3000.00	1	0.36	0.64
3M: 15000ppm	49	%15000.00	2	0.89	1.11
4M: 25000ppm	47	%25000.00	0	1.75	-1.75

T Value : -25225.03

TOTAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected	ML Value
1M: 0ppm	48	0.00	0	0.00	0.00	1.00
2M: 3000ppm	49	3000.00	1	0.36	0.64	2.79
3M: 15000ppm	49	%15000.00	2	0.89	1.11	2.25
4M: 25000ppm	47	%25000.00	0	1.75	-1.75	0.00

T Value : %-25225.02730
Variance : %117651824.00000
Z Value : -2.32559
One Tailed Probability: 0.01500

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Peto Score Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : TESTES FATES : ALL
FINDING : SEMINOMA

FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1M: 0ppm	48	0.00	0	0.00	0.00
2M: 3000ppm	49	3000.00	0	0.00	0.00
3M: 15000ppm	49	%15000.00	0	0.00	0.00
4M: 25000ppm	47	%25000.00	0	0.00	0.00

T Value : 0

NON-FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1M: 0ppm	48	0.00	1	0.27	0.73
2M: 3000ppm	49	3000.00	0	0.26	-0.26
3M: 15000ppm	49	%15000.00	0	0.25	-0.25
4M: 25000ppm	47	%25000.00	0	0.21	-0.21

T Value : -9952.381

TOTAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected	ML Value
1M: 0ppm	48	0.00	1	0.27	0.73	3.71
2M: 3000ppm	49	3000.00	0	0.26	-0.26	0.00
3M: 15000ppm	49	%15000.00	0	0.25	-0.25	0.00
4M: 25000ppm	47	%25000.00	0	0.21	-0.21	0.00

T Value : %-9952.38090
Variance : %94378688.00000
Z Value : -1.02445
One Tailed Probability: 0.20000

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Peto Score Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : SKIN FATES : ALL
FINDING : SUBCUT. TISSUE, FIBROMA

FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1M: 0ppm	48	0.00	0	0.00	0.00
2M: 3000ppm	18	3000.00	0	0.00	0.00
3M: 15000ppm	21	%15000.00	0	0.00	0.00
4M: 25000ppm	47	%25000.00	0	0.00	0.00

T Value : 0

NON-FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1M: 0ppm	48	0.00	0	0.42	-0.42
2M: 3000ppm	18	3000.00	0	0.07	-0.07
3M: 15000ppm	21	%15000.00	1	0.14	0.86
4M: 25000ppm	47	%25000.00	0	0.38	-0.38

T Value : 3375

TOTAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected	ML Value
1M: 0ppm	48	0.00	0	0.42	-0.42	0.00
2M: 3000ppm	18	3000.00	0	0.07	-0.07	0.00
3M: 15000ppm	21	%15000.00	1	0.14	0.86	7.38
4M: 25000ppm	47	%25000.00	0	0.38	-0.38	0.00

T Value : 3375.00000
Variance : %130359392.00000
Z Value : 0.29560
One Tailed Probability: 0.40000

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Peto Score Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : SKIN FATES : ALL
FINDING : SUBCUT. TISSUE, LIPOMA

FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1M: 0ppm	48	0.00	0	0.00	0.00
2M: 3000ppm	18	3000.00	0	0.00	0.00
3M: 15000ppm	21	%15000.00	0	0.00	0.00
4M: 25000ppm	47	%25000.00	0	0.00	0.00

T Value : 0

NON-FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1M: 0ppm	48	0.00	0	0.00	0.00
2M: 3000ppm	18	3000.00	0	0.00	0.00
3M: 15000ppm	21	%15000.00	1	0.10	0.90
4M: 25000ppm	47	%25000.00	0	0.90	-0.90

T Value : -9000

TOTAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected	ML Value
1M: 0ppm	48	0.00	0	0.00	0.00	1.00
2M: 3000ppm	18	3000.00	0	0.00	0.00	1.00
3M: 15000ppm	21	%15000.00	1	0.10	0.90	10.00
4M: 25000ppm	47	%25000.00	0	0.90	-0.90	0.00

T Value : %-9000.00000
Variance : %8999936.00000
Z Value : -3.00001
One Tailed Probability: 0.00200

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Peto Score Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : MAMMARY GLAND FATES : ALL
FINDING : ADENOMA

FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1M: 0ppm	1	0.00	0	0.00	0.00
2M: 3000ppm	3	3000.00	0	0.00	0.00
3M: 15000ppm	1	%15000.00	0	0.00	0.00
4M: 25000ppm	0	%25000.00	0	0.00	0.00

T Value : 0

NON-FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1M: 0ppm	1	0.00	0	0.20	-0.20
2M: 3000ppm	3	3000.00	1	0.60	0.40
3M: 15000ppm	1	%15000.00	1	1.20	-0.20
4M: 25000ppm	0	%25000.00	0	0.00	0.00

T Value : -1800.001

TOTAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected	ML Value
1M: 0ppm	1	0.00	0	0.20	-0.20	0.00
2M: 3000ppm	3	3000.00	1	0.60	0.40	1.67
3M: 15000ppm	1	%15000.00	1	1.20	-0.20	0.83
4M: 25000ppm	0	%25000.00	0	0.00	0.00	1.00

T Value : %-1800.00085
Variance : %27360000.00000
Z Value : -0.34412
One Tailed Probability: 0.40000

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Peto Score Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : MAMMARY GLAND FATES : ALL
FINDING : FIBROADENOMA

FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1M: 0ppm	1	0.00	0	0.00	0.00
2M: 3000ppm	3	3000.00	0	0.00	0.00
3M: 15000ppm	1	%15000.00	0	0.00	0.00
4M: 25000ppm	0	%25000.00	0	0.00	0.00

T Value : 0

NON-FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1M: 0ppm	1	0.00	1	0.58	0.42
2M: 3000ppm	3	3000.00	2	1.33	0.67
3M: 15000ppm	1	%15000.00	0	1.08	-1.08
4M: 25000ppm	0	%25000.00	0	0.00	0.00

T Value : -14250

TOTAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected	ML Value
1M: 0ppm	1	0.00	1	0.58	0.42	1.71
2M: 3000ppm	3	3000.00	2	1.33	0.67	1.50
3M: 15000ppm	1	%15000.00	0	1.08	-1.08	0.00
4M: 25000ppm	0	%25000.00	0	0.00	0.00	1.00

T Value : %-14250.00100
Variance : %111187504.00000
Z Value : -1.35141
One Tailed Probability: 0.09000

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Fisher's Exact Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : LIVER FATES : ALL

FINDING : HEPATOCELLULAR CARCINOMA

GRP	POS. RESP	NEG. RESP	TOTAL	ONE-TAILED PROBABILITY	CONTROL > PROPORTION TREATED	CONTROL < PROPORTION TREATED	TWO-TAILED PROBABILITY	PROBABILITY = OR MORE EXTREME		CHI SQUARE	YATES CORRE
1M*	0	47	47								
2M	1	48	49	0.51042	1.00000	0.51042	1.02083	1.00000	?	0.969280	0.000439
3M	0	49	49	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	
4M	0	47	47	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Fisher's Exact Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : SPLEEN FATES : ALL

FINDING : LYMPHOMA MALIGNANT LYMPHOCYTIC

GRP	POS. RESP	NEG. RESP	TOTAL	ONE-TAILED PROBABILITY	CONTROL > PROPORTION TREATED	CONTROL < PROPORTION TREATED	TWO-TAILED PROBABILITY	PROBABILITY = OR MORE EXTREME		CHI SQUARE	YATES CORRE
1M*	0	48	48								
2M	1	17	18	0.27273	1.00000	0.27273	0.54545	0.27273	?	2.707692	0.264423
3M	0	21	21	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	
4M	0	47	47	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Fisher's Exact Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : LUNGS FATES : ALL

FINDING : LYMPHOMA MALIGNANT LYMPHOCYTIC

GRP	POS. RESP	NEG. RESP	TOTAL	ONE-TAILED PROBABILITY	CONTROL > PROPORTION TREATED	CONTROL < PROPORTION TREATED	TWO-TAILED PROBABILITY	PROBABILITY = OR MORE EXTREME		CHI SQUARE	YATES CORRE
1M*	0	48	48								
2M	1	48	49	0.50515	1.00000	0.50515	1.01031	1.00000	?	0.989796	0.000107
3M	0	48	48	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	
4M	0	47	47	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Fisher's Exact Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : MES. LYMPH NODE FATES : ALL

FINDING : LYMPHOMA MALIGNANT LYMPHOCYTIC

GRP	POS. RESP	NEG. RESP	TOTAL	ONE-TAILED PROBABILITY	CONTROL > PROPORTION TREATED	CONTROL < PROPORTION TREATED	TWO-TAILED PROBABILITY	PROBABILITY = OR MORE EXTREME		CHI SQUARE	YATES CORRE
1M*	0	48	48								
2M	1	17	18	0.27273	1.00000	0.27273	0.54545	0.27273	?	2.707692	0.264423
3M	0	21	21	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	
4M	0	47	47	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Fisher's Exact Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : TESTES FATES : ALL

FINDING : INTERSTITIAL CELL TUMOUR

GRP	POS. RESP	NEG. RESP	TOTAL	ONE-TAILED PROBABILITY	CONTROL > PROPORTION TREATED	CONTROL < PROPORTION TREATED	TWO-TAILED PROBABILITY	PROBABILITY = OR MORE EXTREME		CHI SQUARE	YATES CORRE
1M*	0	48	48								
2M	1	48	49	0.50515	1.00000	0.50515	1.01031	1.00000	?	0.989796	0.000107
3M	2	47	49	0.25258	1.00000	0.25258	0.50515	0.49485	?	2.000430	0.489743
4M	0	47	47	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	

FINDING : SEMINOMA

GRP	POS. RESP	NEG. RESP	TOTAL	ONE-TAILED PROBABILITY	CONTROL > PROPORTION TREATED	CONTROL < PROPORTION TREATED	TWO-TAILED PROBABILITY	PROBABILITY = OR MORE EXTREME		CHI SQUARE	YATES CORRE
1M*	1	47	48								
2M	0	49	49	0.49485	0.49485	1.00000	0.98969	0.49485	?	1.031467	0.000107
3M	0	49	49	0.49485	0.49485	1.00000	0.98969	0.49485	?	1.031467	0.000107
4M	0	47	47	0.50526	0.50526	1.00000	1.01053	1.00000	?	0.989583	0.000112

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Fisher's Exact Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : SKIN FATES : ALL

FINDING : SUBCUT. TISSUE, FIBROMA

GRP	POS. RESP	NEG. RESP	TOTAL	ONE-TAILED PROBABILITY	CONTROL > PROPORTION TREATED	CONTROL < PROPORTION TREATED	TWO-TAILED PROBABILITY	PROBABILITY = OR MORE EXTREME		CHI SQUARE	YATES CORRE
1M*	0	48	48								
2M	0	18	18	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	
3M	1	20	21	0.30435	1.00000	0.30435	0.60870	0.30435	?	2.319328	0.183462
4M	0	47	47	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	

FINDING : SUBCUT. TISSUE, LIPOMA

GRP	POS. RESP	NEG. RESP	TOTAL	ONE-TAILED PROBABILITY	CONTROL > PROPORTION TREATED	CONTROL < PROPORTION TREATED	TWO-TAILED PROBABILITY	PROBABILITY = OR MORE EXTREME		CHI SQUARE	YATES CORRE
1M*	0	48	48								
2M	0	18	18	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	
3M	1	20	21	0.30435	1.00000	0.30435	0.60870	0.30435	?	2.319328	0.183462
4M	0	47	47	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Fisher's Exact Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : MAMMARY GLAND FATES : ALL

FINDING : ADENOMA

GRP	POS. RESP	NEG. RESP	TOTAL	ONE-TAILED PROBABILITY	CONTROL > PROPORTION TREATED	CONTROL < PROPORTION TREATED	TWO-TAILED PROBABILITY	PROBABILITY = OR MORE EXTREME		CHI SQUARE	YATES CORRE
1M*	0	1	1								
2M	1	2	3	0.75000	1.00000	0.75000	1.50000	1.00000	?	0.444444	0.444444
3M	1	0	1	0.50000	1.00000	0.50000	1.00000	1.00000	?	2.000000	0.000000
4M	0	0	0	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	

FINDING : FIBROADENOMA

GRP	POS. RESP	NEG. RESP	TOTAL	ONE-TAILED PROBABILITY	CONTROL > PROPORTION TREATED	CONTROL < PROPORTION TREATED	TWO-TAILED PROBABILITY	PROBABILITY = OR MORE EXTREME		CHI SQUARE	YATES CORRE
1M*	1	0	1								
2M	2	1	3	0.75000	0.75000	1.00000	1.50000	1.00000	?	0.444444	0.444444
3M	0	1	1	0.50000	0.50000	1.00000	1.00000	1.00000	?	2.000000	0.000000
4M	0	0	0	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Selected Animals

PROJECT ID: 1231

DAYS : ALL
FINDINGS : * Selected

GROUP :	0ppm	3000ppm	15000ppm	25000ppm
SEX :	FEMALE	FEMALE	FEMALE	FEMALE
No. of ANIMALS :	50	50	50	50
	4054	4161	4257	4351
	4055	4165	4262	4352
	4058	4170	4273	4354
	4063	4178	4281	4378
	4067	4179	4285	4392
	4074	4181	4290	4393
	4076	4183	4296	------
	4085	4188	4300	------
	4092	------	------	------
	4095	------	------	------
	4099	------	------	------

The above animals have at least one of the following findings.

* Findings selected are :

OVARIES:
ADENOMA

SKIN:
ACANTHOMA
SUBCUT. TISSUE, FIBROMA

MAMMARY GLAND:
ADENOCARCINOMA
ADENOMA
PAPILLARY ADENOMA
FIBROADENOMA
CYSTADENOMA

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Peto Score Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : OVARIES FATES : ALL
FINDING : ADENOMA

FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1F: 0ppm	49	0.00	0	0.00	0.00
2F: 3000ppm	49	3000.00	0	0.00	0.00
3F: 15000ppm	48	%15000.00	0	0.00	0.00
4F: 25000ppm	50	%25000.00	0	0.00	0.00

T Value : 0

NON-FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1F: 0ppm	49	0.00	0	0.00	0.00
2F: 3000ppm	49	3000.00	1	0.35	0.65
3F: 15000ppm	48	%15000.00	0	0.35	-0.35
4F: 25000ppm	50	%25000.00	0	0.29	-0.29

T Value : -10705.88

TOTAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected	ML Value
1F: 0ppm	49	0.00	0	0.00	0.00	1.00
2F: 3000ppm	49	3000.00	1	0.35	0.65	2.83
3F: 15000ppm	48	%15000.00	0	0.35	-0.35	0.00
4F: 25000ppm	50	%25000.00	0	0.29	-0.29	0.00

T Value : %-10705.88280
Variance : %78560560.00000
Z Value : -1.20787
One Tailed Probability: 0.15000

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Peto Score Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : SKIN FATES : ALL
FINDING : ACANTHOMA

FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1F: 0ppm	48	0.00	0	0.00	0.00
2F: 3000ppm	22	3000.00	0	0.00	0.00
3F: 15000ppm	22	%15000.00	0	0.00	0.00
4F: 25000ppm	50	%25000.00	0	0.00	0.00

T Value : 0

NON-FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1F: 0ppm	48	0.00	0	0.35	-0.35
2F: 3000ppm	22	3000.00	0	0.15	-0.15
3F: 15000ppm	22	%15000.00	0	0.15	-0.15
4F: 25000ppm	50	%25000.00	1	0.35	0.65

T Value : 13448.82

TOTAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected	ML Value
1F: 0ppm	48	0.00	0	0.35	-0.35	0.00
2F: 3000ppm	22	3000.00	0	0.15	-0.15	0.00
3F: 15000ppm	22	%15000.00	0	0.15	-0.15	0.00
4F: 25000ppm	50	%25000.00	1	0.35	0.65	2.82

T Value : %13448.81930
Variance : %123034800.00000
Z Value : 1.21247
One Tailed Probability: 0.15000

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Peto Score Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : SKIN FATES : ALL
FINDING : SUBCUT. TISSUE, FIBROMA

FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1F: 0ppm	48	0.00	0	0.00	0.00
2F: 3000ppm	22	3000.00	0	0.00	0.00
3F: 15000ppm	22	%15000.00	0	0.00	0.00
4F: 25000ppm	50	%25000.00	0	0.00	0.00

T Value : 0

NON-FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1F: 0ppm	48	0.00	0	0.00	0.00
2F: 3000ppm	22	3000.00	0	0.00	0.00
3F: 15000ppm	22	%15000.00	1	0.14	0.86
4F: 25000ppm	50	%25000.00	0	0.86	-0.86

T Value : -8620.69

TOTAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected	ML Value
1F: 0ppm	48	0.00	0	0.00	0.00	1.00
2F: 3000ppm	22	3000.00	0	0.00	0.00	1.00
3F: 15000ppm	22	%15000.00	1	0.14	0.86	7.25
4F: 25000ppm	50	%25000.00	0	0.86	-0.86	0.00

T Value : %-8620.69040
Variance : %11890624.00000
Z Value : -2.50000
One Tailed Probability: 0.00700

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Peto Score Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : MAMMARY GLAND FATES : ALL
FINDING : ADENOCARCINOMA

FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1F: 0ppm	48	0.00	0	0.00	0.00
2F: 3000ppm	22	3000.00	0	0.00	0.00
3F: 15000ppm	22	%15000.00	0	0.00	0.00
4F: 25000ppm	50	%25000.00	0	0.00	0.00

T Value : 0

NON-FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1F: 0ppm	48	0.00	1	0.41	0.59
2F: 3000ppm	22	3000.00	0	0.07	-0.07
3F: 15000ppm	22	%15000.00	0	0.09	-0.09
4F: 25000ppm	50	%25000.00	0	0.43	-0.43

T Value : -12320.99

TOTAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected	ML Value
1F: 0ppm	48	0.00	1	0.41	0.59	2.45
2F: 3000ppm	22	3000.00	0	0.07	-0.07	0.00
3F: 15000ppm	22	%15000.00	0	0.09	-0.09	0.00
4F: 25000ppm	50	%25000.00	0	0.43	-0.43	0.00

T Value : %-12320.98830
Variance : %138366080.00000
Z Value : -1.04744
One Tailed Probability: 0.15000

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Peto Score Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : MAMMARY GLAND FATES : ALL
FINDING : ADENOMA

FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1F: 0ppm	48	0.00	0	0.00	0.00
2F: 3000ppm	22	3000.00	0	0.00	0.00
3F: 15000ppm	22	%15000.00	0	0.00	0.00
4F: 25000ppm	50	%25000.00	0	0.00	0.00

T Value : 0

NON-FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1F: 0ppm	48	0.00	4	3.39	0.61
2F: 3000ppm	22	3000.00	5	1.04	3.96
3F: 15000ppm	22	%15000.00	2	1.16	0.84
4F: 25000ppm	50	%25000.00	0	5.41	-5.41

T Value : -110799.1

TOTAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected	ML Value
1F: 0ppm	48	0.00	4	3.39	0.61	1.18
2F: 3000ppm	22	3000.00	5	1.04	3.96	4.80
3F: 15000ppm	22	%15000.00	2	1.16	0.84	1.72
4F: 25000ppm	50	%25000.00	0	5.41	-5.41	0.00

T Value : %-110799.14100
Variance : % 1264.42061E+06
Z Value : -3.11595
One Tailed Probability: 0.00100

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Peto Score Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : MAMMARY GLAND FATES : ALL
FINDING : PAPILLARY ADENOMA

FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1F: 0ppm	48	0.00	0	0.00	0.00
2F: 3000ppm	22	3000.00	0	0.00	0.00
3F: 15000ppm	22	%15000.00	0	0.00	0.00
4F: 25000ppm	50	%25000.00	0	0.00	0.00

T Value : 0

NON-FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1F: 0ppm	48	0.00	1	0.74	0.26
2F: 3000ppm	22	3000.00	1	0.24	0.76
3F: 15000ppm	22	%15000.00	0	0.23	-0.23
4F: 25000ppm	50	%25000.00	0	0.79	-0.79

T Value : -20849.08

TOTAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected	ML Value
1F: 0ppm	48	0.00	1	0.74	0.26	1.34
2F: 3000ppm	22	3000.00	1	0.24	0.76	4.19
3F: 15000ppm	22	%15000.00	0	0.23	-0.23	0.00
4F: 25000ppm	50	%25000.00	0	0.79	-0.79	0.00

T Value : %-20849.08200
Variance : %261083808.00000
Z Value : -1.29032
One Tailed Probability: 0.10000

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Peto Score Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : MAMMARY GLAND FATES : ALL
FINDING : FIBROADENOMA

FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1F: 0ppm	48	0.00	0	0.00	0.00
2F: 3000ppm	22	3000.00	0	0.00	0.00
3F: 15000ppm	22	%15000.00	0	0.00	0.00
4F: 25000ppm	50	%25000.00	0	0.00	0.00

T Value : 0

NON-FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1F: 0ppm	48	0.00	4	3.73	0.27
2F: 3000ppm	22	3000.00	1	1.16	-0.16
3F: 15000ppm	22	%15000.00	5	1.53	3.47
4F: 25000ppm	50	%25000.00	5	8.58	-3.58

T Value : -37904.6

TOTAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected	ML Value
1F: 0ppm	48	0.00	4	3.73	0.27	1.07
2F: 3000ppm	22	3000.00	1	1.16	-0.16	0.86
3F: 15000ppm	22	%15000.00	5	1.53	3.47	3.26
4F: 25000ppm	50	%25000.00	5	8.58	-3.58	0.58

T Value : %-37904.60200
Variance : % 1317.85408E+06
Z Value : -1.04414
One Tailed Probability: 0.15000

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Peto Score Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : MAMMARY GLAND FATES : ALL
FINDING : CYSTADENOMA

FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1F: 0ppm	48	0.00	0	0.00	0.00
2F: 3000ppm	22	3000.00	0	0.00	0.00
3F: 15000ppm	22	%15000.00	0	0.00	0.00
4F: 25000ppm	50	%25000.00	0	0.00	0.00

T Value : 0

NON-FATAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected
1F: 0ppm	48	0.00	1	0.49	0.51
2F: 3000ppm	22	3000.00	0	0.05	-0.05
3F: 15000ppm	22	%15000.00	0	0.06	-0.06
4F: 25000ppm	50	%25000.00	0	0.40	-0.40

T Value : -11015.87

TOTAL TUMORS

Group	Number of Animals	Dose Level	Observed	Expected	Observed - Expected	ML Value
1F: 0ppm	48	0.00	1	0.49	0.51	2.03
2F: 3000ppm	22	3000.00	0	0.05	-0.05	0.00
3F: 15000ppm	22	%15000.00	0	0.06	-0.06	0.00
4F: 25000ppm	50	%25000.00	0	0.40	-0.40	0.00

T Value : %-11015.87300
Variance : %141380704.00000
Z Value : -0.92645
One Tailed Probability: 0.20000

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Fisher's Exact Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : OVARIES FATES : ALL

FINDING : ADENOMA

GRP	POS. RESP	NEG. RESP	TOTAL	ONE-TAILED PROBABILITY	CONTROL > PROPORTION TREATED	CONTROL < PROPORTION TREATED	TWO-TAILED PROBABILITY	PROBABILITY = OR MORE EXTREME		CHI SQUARE	YATES CORRE
1F*	0	49	49								
2F	1	48	49	0.50000	1.00000	0.50000	1.00000	1.00000	?	1.010309	0.000000
3F	0	48	48	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	
4F	0	50	50	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Fisher's Exact Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : SKIN FATES : ALL

FINDING : ACANTHOMA

GRP	POS. RESP	NEG. RESP	TOTAL	ONE-TAILED PROBABILITY	CONTROL > PROPORTION TREATED	CONTROL < PROPORTION TREATED	TWO-TAILED PROBABILITY	PROBABILITY = OR MORE EXTREME		CHI SQUARE	YATES CORRE
1F*	0	48	48								
2F	0	22	22	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	
3F	0	22	22	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	
4F	1	49	50	0.51020	1.00000	0.51020	1.02041	1.00000	?	0.969897	0.000421

FINDING : SUBCUT. TISSUE, FIBROMA

GRP	POS. RESP	NEG. RESP	TOTAL	ONE-TAILED PROBABILITY	CONTROL > PROPORTION TREATED	CONTROL < PROPORTION TREATED	TWO-TAILED PROBABILITY	PROBABILITY = OR MORE EXTREME		CHI SQUARE	YATES CORRE
1F*	0	48	48								
2F	0	22	22	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	
3F	1	21	22	0.31429	1.00000	0.31429	0.62857	0.31429	?	2.213439	0.162357
4F	0	50	50	1.00000	1.00000	1.00000	2.00000	1.00000		Zero Values - No Chi Square	

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Fisher's Exact Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : MAMMARY GLAND FATES : ALL

FINDING : ADENOCARCINOMA

GRP	POS. RESP	NEG. RESP	TOTAL	ONE-TAILED PROBABILITY	CONTROL > PROPORTION TREATED	CONTROL < PROPORTION TREATED	TWO-TAILED PROBABILITY	PROBABILITY = OR MORE EXTREME		CHI SQUARE	YATES CORRE
1F*	1	47	48								
2F	0	22	22	0.68571	0.68571	1.00000	1.37143	1.00000	?	0.464976	0.162357
3F	0	22	22	0.68571	0.68571	1.00000	1.37143	1.00000	?	0.464976	0.162357
4F	0	50	50	0.48980	0.48980	1.00000	0.97959	0.48980	?	1.052405	0.000421

FINDING : ADENOMA

GRP	POS. RESP	NEG. RESP	TOTAL	ONE-TAILED PROBABILITY	CONTROL > PROPORTION TREATED	CONTROL < PROPORTION TREATED	TWO-TAILED PROBABILITY	PROBABILITY = OR MORE EXTREME		CHI SQUARE	YATES CORRE
1F*	4	44	48								
2F	5	17	22	0.07879	0.97695	0.10184	0.20367	0.12762	?	2.789645	1.652850
3F	2	20	22	0.34281	0.72371	0.61910	1.23820	1.00000	?	0.011048	0.125843
4F	0	50	50	0.05387	0.05387	1.00000	0.10773	0.05387	?	4.343972*	2.476172

FINDING : PAPILLARY ADENOMA

GRP	POS. RESP	NEG. RESP	TOTAL	ONE-TAILED PROBABILITY	CONTROL > PROPORTION TREATED	CONTROL < PROPORTION TREATED	TWO-TAILED PROBABILITY	PROBABILITY = OR MORE EXTREME		CHI SQUARE	YATES CORRE
1F*	1	47	48								
2F	1	21	22	0.43727	0.90435	0.53292	1.06584	0.97019	?	0.329490	0.039480
3F	0	22	22	0.68571	0.68571	1.00000	1.37143	1.00000	?	0.464976	0.162357
4F	0	50	50	0.48980	0.48980	1.00000	0.97959	0.48980	?	1.052405	0.000421

FINDING : FIBROADENOMA

GRP	POS. RESP	NEG. RESP	TOTAL	ONE-TAILED PROBABILITY	CONTROL > PROPORTION TREATED	CONTROL < PROPORTION TREATED	TWO-TAILED PROBABILITY	PROBABILITY = OR MORE EXTREME		CHI SQUARE	YATES CORRE
1F*	4	44	48								
2F	1	21	22	0.35369	0.49517	0.85852	0.99034	1.35369	?	0.326340	0.005099
3F	5	17	22	0.07879	0.97695	0.10184	0.20367	0.12762	?	2.789645	1.652850
4F	5	45	50	0.26198	0.73578	0.52620	1.05240	1.52461	?	0.081565	0.004129

15-FEB-1997
EXCEL INDUSTRIES LTD.
GLYPHOSATE TECHNICAL
TABLE - Z

Fisher's Exact Statistics

PROJECT ID: 1231 DAYS : ALL
TISSUE : MAMMARY GLAND FATES : ALL

FINDING : CYSTADENOMA

GRP	POS. RESP	NEG. RESP	TOTAL	ONE-TAILED PROBABILITY	CONTROL > PROPORTION TREATED	CONTROL < PROPORTION TREATED	TWO-TAILED PROBABILITY	PROBABILITY = OR MORE EXTREME		CHI SQUARE	YATES CORRE
1F*	1	47	48								
2F	0	22	22	0.68571	0.68571	1.00000	1.37143	1.00000	?	0.464976	0.162357
3F	0	22	22	0.68571	0.68571	1.00000	1.37143	1.00000	?	0.464976	0.162357
4F	0	50	50	0.48980	0.48980	1.00000	0.97959	0.48980	?	1.052405	0.000421