BIO/DYNAMICS PROJECT NUMBER M-6, 77-2062

NEOPLASM SUMMARY INCIDENCE TABLES

MALES

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NEOPLASM

SUMMARY INCIDENCE TABLE

Bio/dynamics Project Number M-6, 77-2062
A Lifetime Feeding Study of
Glyphosate (ROUNDUP® Technical)
Terminal Sacrifice
Male Rats

	Group I			Group II			Group III			Group IV		
	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total
PITUITARY (NO. EXAMINED)	(15)	(33)	(48)	(26)	(23)	(49)	(16)	(32)	(48)	(25)	(22)	(47)
Adenoma	8	8	16	14	5	19	7	13	20	10	8	18
Carcinoma*		3	3		2	2	1	2	3	1		1
BRAIN (NO. EXAMINED)	(15)	(34)	(49)	(26)	(24)	(50)	(16)	(34)	(50)	(26)	(24)	(50)
Glioma		1	1	2	1	3				1		1
HEART (NO. EXAMINED)	(15)	(34)	(49)	(25)	(24)	(49)	(16)	(34)	(50)	(26)	(24)	(50)
Reticulum Cell Sarcoma*								1	1			
LUNG (NO. EXAMINED)	(15)	(35)	(50)	(26)	(24)	(50)	(16)	(34)	(50)	(26)	(24)	(50)
Metastatic Undifferentiated												
Sarcoma*										1		1
Reticulum Cell Sarcoma*		1	1		1	1		1	1		1	1
Malignant Lymphoma*		1	1									
Metastatic Osteogenic Sarcoma*		1	1									
Metastatic Malignant Mixed Tumor*					1	1						

*Malignant Neoplasm

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Bio/dynamics Project Number M-6, 77-2062
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Glyphosate (ROUNDUP® Technical)
Terminal Sacrifice
Male Rats

	Group I			Group II			Group III			Group IV		
	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total
LIVER (NO. EXAMINED)	(15)	(35)	(50)	(26)	(24)	(50)	(16)	(34)	(50)	(26)	(24)	(50)
Reticulum Cell Sarcoma*		1	1		1	1		2	2		1	1
Malignant Lymphoma*		1	1					1	1			
Metastatic Undifferentiated Sarcoma*		1	1									
Neoplastic Nodule	2	1	3	2	1	3		1	1	2	1	3
Hepatocellular Carcinoma*							1		1	2		2
MESENTERIC LYMPH NODE (NO. EXAMINED)	(15)	(33)	(48)	(25)	(23)	(48)	(16)	(27)	(43)	(26)	(23)	(49)
Angioma	1		1		1	1					1	1
Malignant Lymphoma*		1	1					1	1			
Reticulum Cell Sarcoma*		1	1								1	1
PANCREAS (NO. EXAMINED)	(15)	(35)	(50)	(26)	(23)	(49)	(16)	(34)	(50)	(26)	(24)	(50)
Islet Cell Adenoma				4	1	5		2	2	1	1	2
Islet Cell Carcinoma*										1		1
Acinar Cell Adenoma										1		1
Malignant Lymphoma*		1	1									
Reticulum Cell Sarcoma*		1	1					2	2			

*Malignant Neoplasm

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Glyphosate (ROUNDUP® Technical)
Terminal Sacrifice
Male Rats

	Group I			Group II			Group III			Group IV		
	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total
MANDIBULAR SALIVARY GLAND												
(NO. EXAMINED)	(15)	(34)	(49)	(26)	(23)	(49)	(16)	(33)	(49)	(26)	(23)	(49)
Reticulum Cell Sarcoma*								1	1			
MEDIASTINAL LYMPH NODE (NO. EXAMINED)	(11)	(28)	(39)	(25)	(14)	(39)	(10)	(22)	(32)	(21)	(14)	(35)
Metastatic Fibrosarcoma*								1	1			
Reticulum Cell Sarcoma*		1	1					1	1			
SPLEEN (NO. EXAMINED)	(15)	(35)	(50)	(26)	(24)	(50)	(16)	(34)	(50)	(26)	(24)	(50)
Angiosarcoma*		1	1									
Malignant Lymphoma*		1	1					1	1			
Reticulum Cell Sarcoma*								2	2		1	1
STOMACH (NO. EXAMINED)	(15)	(35)	(50)	(26)	(23)	(49)	(15)	(33)	(48)	(25)	(24)	(49)
Squamous Cell Carcinoma, Cardia*										1		1
JEJUNUM (NO. EXAMINED)	(14)	(35)	(49)	(25)	(21)	(46)	(14)	(34)	(48)	(25)	(24)	(49)
Reticulum Cell Sarcoma*								1	1			

*Malignant Neoplasm

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A Lifetime Feeding Study of
Glyphosate (ROUNDUP® Technical)
Terminal Sacrifice
Male Rats

	Group I			Group II			Group III			Group IV		
	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total
KIDNEY (NO. EXAMINED)	(15)	(35)	(50)	(26)	(24)	(50)	(16)	(34)	(50)	(26)	(24)	(50)
Tubular Adenoma	1		1		1	1						
Malignant Lymphoma*		1	1									
Reticulum Cell Sarcoma*		1	1		1	1		1	1			
Lipoma		1	1		1	1	1		1			
TESTIS (NO. EXAMINED)	(15)	(35)	(50)	(26)	(24)	(50)	(16)	(34)	(50)	(26)	(24)	(50)
Interstitial Cell Tumor				2	1	3	1		1	4	2	6
PROSTATE (NO. EXAMINED)	(15)	(35)	(50)	(25)	(22)	(47)	(16)	(33)	(49)	(25)	(24)	(49)
Reticulum Cell Sarcoma*								1	1			
URINARY BLADDER (NO. EXAMINED)	(15)	(31)	(46)	(23)	(22)	(45)	(14)	(29)	(43)	(23)	(23)	(46)
Papilloma				1		1						
THYROID (NO. EXAMINED)	(15)	(32)	(47)	(26)	(23)	(49)	(16)	(33)	(49)	(26)	(23)	(49)
C-Cell Adenoma	4	1	5	1		1				2		2
C-Cell Carcinoma*							1		1			
Follicular Adenoma	1		1	1	1	2	1	3	4	3	1	4

*Malignant Neoplasm

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A Lifetime Feeding Study of
Glyphosate (ROUNDUP® Technical)
Terminal Sacrifice
Male Rats

	Group I			Group II			Group III			Group IV		
	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total
PARATHYROID (NO. EXAMINED)	(11)	(16)	(27)	(15)	(15)	(30)	(5)	(23)	(28)	(13)	(14)	(27)
Adenoma					2	2						
ADRENAL (NO. EXAMINED)	(15)	(35)	(50)	(26)	(24)	(50)	(16)	(34)	(50)	(26)	(24)	(50)
Reticulum Cell Sarcoma*								1	1			
Pheochromocytoma	2	6	8	4	4	8	3	2	5	5	6	11
Cortical Adenoma		2	2	4		4	1		1	1		1
Malignant Lymphoma*		1	1									
SKIN (NO. EXAMINED)	(15)	(34)	(49)	(25)	(23)	(48)	(16)	(33)	(49)	(26)	(23)	(49)
Basosquamous Cell Tumor										1		1
Sebaceous Gland Adenoma										1		1
SKELETAL MUSCLE (NO. EXAMINED)	(15)	(35)	(50)	(26)	(24)	(50)	(16)	(33)	(49)	(25)	(24)	(49)
Reticulum Cell Sarcoma*		1	1									
HARDERIAN GLAND (NO. EXAMINED)	(15)	(32)	(47)	(25)	(24)	(49)	(16)	(33)	(49)	(26)	(24)	(50)
Malignant Lymphoma*		1	1									

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Glyphosate (ROUNDUP® Technical)
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Male Rats

	Group I			Group II			Group III			Group IV		
	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total
BONE MARROW (RIB) (NO. EXAMINED)	(13)	(28)	(41)	(22)	(19)	(41)	(16)	(33)	(49)	(23)	(20)	(43)
Malignant Lymphoma*		1	1					1	1			
Reticulum Cell Sarcoma*					1	1		2	2			
LIP (NO. EXAMINED)	(1)		(1)									
Papilloma	1		1									
HIND FOOT (NO. EXAMINED)	(3)	(1)	(4)	(3)		(3)	(2)	(1)	(3)	(1)		(1)
Osteoma										1		1
EAR (NO. EXAMINED)	(1)	(3)	(4)				(1)		(1)			
Fibroma		1	1									
Fibrosarcoma*							1		1			
Osteochondroma		1	1									
TAIL (NO. EXAMINED)	(1)		(1)	(6)	(1)	(7)	(3)	(3)	(6)	(2)	(3)	(5)
Papilloma							1		1			
Osteoma								1	1			

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Terminal Sacrifice
Male Rats

	Group I			Group II			Group III			Group IV		
	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total
PERIOCULAR TISSUE (NO. EXAMINED)								(1)	(1)			
Squamous Cell Carcinoma*								1	1			
SUBCUTANEOUS TISSUE (NO. EXAMINED)	(4)	(6)	(10)	(9)	(3)	(12)	(6)	(4)	(10)	(3)	(4)	(7)
Fibrosarcoma*	1	1	2	1		1	1	1	2	1	2	3
Fibroma				3		3	1		1	1	1	2
Neurofibrosarcoma*										1		1
Undifferentiated Sarcoma*		1	1							1		1
Reticulum Cell Sarcoma*		1	1					1	1		1	1
Lipoma		1	1	1	1	2						
Osteogenic Sarcoma*							1		1			
Malignant Mixed Tumor*					1	1						
MEDIASTINAL TISSUE (NO. EXAMINED)		(7)	(7)		(1)	(1)		(4)	(4)		(2)	(2)
Reticulum Cell Sarcoma*											1	1
Malignant Lymphoma*		1	1									
Metastatic Osteogenic Sarcoma*		1	1									

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	Group I			Group II			Group III			Group IV		
	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total
ABDOMEN (NO. EXAMINED)											(1)	(1)
Lipoma											1	1
MESENTERY (NO. EXAMINED)		(5)	(5)	(3)	(1)	(4)		(4)	(4)	(2)	(1)	(3)
Malignant Lymphoma*		1	1									
Reticulum Cell Sarcoma*		1	1					1	1			
Scirrhous Adenocarcinoma*					1	1						
ABDOMINAL CAVITY (NO. EXAMINED)								(1)	(1)			
Reticulum Cell Sarcoma*								1	1			
SUBCUTANEOUS LYMPH NODE												
(NO. EXAMINED)		(1)	(1)									
Malignant Lymphoma*		1	1									
BRONCHIAL LYMPH NODE (NO. EXAMINED)		(1)	(1)									
Malignant Lymphoma*		1	1									

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Glyphosate (ROUNDUP® Technical)
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Male Rats

	Group I			Group II			Group III			Group IV		
	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total
MANDIBULAR LYMPH NODE (NO. EXAMINED)		(3)	(3)				(1)		(1)		(1)	(1)
Malignant Lymphoma*		1	1									
LUMBAR LYMPH NODE (NO. EXAMINED)										(1)		(1)
Metastatic Islet Cell Carcinoma*										1		1
SACRAL LYMPH NODE (NO. EXAMINED)		(1)	(1)	(2)	(1)	(3)	(2)	(1)	(3)	(1)	(2)	(3)
Reticulum Cell Sarcoma*					1	1						

*Malignant Neoplasm

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Bio/dynamics Project Number M-6, 77-2062
A Lifetime Feeding Study of
Glyphosate (ROUNDUP® Technical)
Terminal Sacrifice
Female Rats

	Group I			Group II			Group III			Group IV		
	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total
PITUITARY (NO. EXAMINED)	(17)	(31)	(48)	(22)	(26)	(48)	(30)	(20)	(50)	(15)	(34)	(49)
Adenoma	13	21	34	15	14	29	20	11	31	9	17	26
Carcinoma*	2	6	8	2	5	7		5	5	4	8	12
BRAIN (NO. EXAMINED)	(18)	(32)	(50)	(23)	(26)	(49)	(30)	(20)	(50)	(15)	(35)	(50)
Invasive Pituitary Carcinoma*								1	1	1		1
Malignant Lymphoma*											1	1
Glioma											1	1
CERVICAL SPINAL CORD (NO. EXAMINED)	(18)	(32)	(50)	(23)	(27)	(50)	(30)	(20)	(50)	(15)	(35)	(50)
Malignant Lymphoma*											1	1
HEART (NO. EXAMINED)	(18)	(32)	(50)	(23)	(27)	(50)	(30)	(20)	(50)	(15)	(35)	(50)
Malignant Lymphoma*											1	1
Metastatic Fibrosarcoma*		1	1									
TRACHEA (NO. EXAMINED)	(18)	(31)	(49)	(23)	(26)	(49)	(30)	(19)	(49)	(15)	(35)	(50)
Metastatic Fibrosarcoma*		1	1									

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Glyphosate (ROUNDUP® Technical)
Terminal Sacrifice
Female Rats

	Group I			Group II			Group III			Group IV		
	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total
ESOPHAGUS (NO. EXAMINED)	(18)	(30)	(48)	(21)	(26)	(47)	(30)	(19)	(49)	(15)	(35)	(50)
Metastatic Fibrosarcoma*		1	1				1		1			
LUNG (NO. EXAMINED)	(18)	(31)	(49)	(23)	(27)	(50)	(30)	(19)	(49)	(15)	(35)	(50)
Reticulum Cell Sarcoma*	1	1	2		2	2		1	1		3	3
Malignant Lymphoma*					1	1					1	1
Metastatic Mammary Gland												
Adenocarcinoma*											1	1
Metastatic Adrenal Cortical												
Carcinoma*								1	1			
Metastatic Fibrosarcoma*		1	1									
LIVER (NO. EXAMINED)	(18)	(32)	(50)	(23)	(27)	(50)	(30)	(20)	(50)	(15)	(35)	(50)
Reticulum Cell Sarcoma*	1	1	2		2	2		1	1		2	2
Malignant Lymphoma*								1	1	1	1	2
Metastatic Fibrosarcoma*		1	1									
Hepatocellular Carcinoma*		1	1							2		2
Neoplastic Nodule	6	5	11	3	4	7	5	1	6	2	5	7

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Female Rats

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	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total
MESENTERIC LYMPH NODE (NO. EXAMINED)	(18)	(24)	(42)	(23)	(16)	(39)	(29)	(19)	(48)	(14)	(33)	(47)
Malignant Lymphoma*											1	1
Reticulum Cell Sarcoma*											2	2
PANCREAS (NO. EXAMINED)	(18)	(32)	(50)	(23)	(27)	(50)	(30)	(20)	(50)	(15)	(34)	(49)
Islet Cell Adenoma	1	1	2		1	1	1		1			
Islet Cell Carcinoma*				1		1	1		1		1	1
MANDIBULAR SALIVARY GLAND												
(NO. EXAMINED)	(18)	(30)	(48)	(23)	(27)	(50)	(30)	(19)	(49)	(15)	(34)	(49)
Metastatic Fibrosarcoma*							1		1			
THYMUS (NO. EXAMINED)	(9)	(16)	(25)	(19)	(13)	(32)	(26)	(11)	(37)	(15)	(19)	(34)
Malignant Lymphoma*							1		1	1		1
Thymoma								1	1			

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Female Rats

	Group I			Group II			Group III			Group IV		
	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total
MEDIASTINAL LYMPH NODE (NO. EXAMINED)	(14)	(19)	(33)	(13)	(16)	(29)	(24)	(13)	(37)	(10)	(20)	(30)
Metastatic Fibrosarcoma*		1	1									
Reticulum Cell Sarcoma*					1	1					2	2
Malignant Lymphoma*							1		1	1	1	2
SPLEEN (NO. EXAMINED)	(18)	(32)	(50)	(23)	(27)	(50)	(30)	(20)	(50)	(15)	(35)	(50)
Malignant Lymphoma*								1	1	1	1	2
Reticulum Cell Sarcoma*	1	1	2		2	2		1	1		5	5
STOMACH (NO. EXAMINED)	(18)	(32)	(50)	(23)	(27)	(50)	(30)	(20)	(50)	(15)	(35)	(50)
Malignant Lymphoma*											1	1
Reticulum Cell Sarcoma*	1		1									
Metastatic Fibrosarcoma*		1	1									
JEJUNUM (NO. EXAMINED)	(18)	(32)	(50)	(23)	(25)	(48)	(29)	(20)	(49)	(15)	(34)	(49)
Leiomyosarcoma*				1		1						
ILEUM (NO. EXAMINED)	(16)	(31)	(47)	(22)	(27)	(49)	(29)	(20)	(49)	(14)	(34)	(48)
Reticulum Cell Sarcoma*											1	1

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	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total
COLON (NO. EXAMINED)	(18)	(32)	(50)	(23)	(27)	(50)	(30)	(19)	(49)	(14)	(34)	(48)
Reticulum Cell Sarcoma*											1	1
KIDNEY (NO. EXAMINED)	(18)	(32)	(50)	(23)	(27)	(50)	(30)	(20)	(50)	(15)	(35)	(50)
Malignant Lymphoma*											1	1
Reticulum Cell Sarcoma*					1	1					2	2
Transitional Cell Carcinoma*							1		1			
URINARY BLADDER (NO. EXAMINED)	(18)	(32)	(50)	(23)	(25)	(48)	(28)	(20)	(48)	(14)	(30)	(44)
Transitional Cell Carcinoma*											1	1
OVARY (NO. EXAMINED)	(18)	(31)	(49)	(23)	(27)	(50)	(30)	(18)	(48)	(13)	(32)	(45)
Granulosa Cell Tumor	3	5	8	4	4	8	5	1	6	2	4	6
Theca-Granulosa Cell Tumor											1	1

*Malignant Neoplasm

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NEOPLASM
SUMMARY INCIDENCE TABLE

Bio/dynamics Project Number M-6, 77-2062
A Lifetime Feeding Study of
Glyphosate (ROUNDUP® Technical)
Terminal Sacrifice
Female Rats

	Group I			Group II			Group III			Group IV		
	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total
UTERUS (NO. EXAMINED)	(18)	(32)	(50)	(23)	(27)	(50)	(29)	(20)	(49)	(15)	(34)	(49)
Squamous Cell Carcinoma*											1	1
Endometrial Sarcoma*											1	1
Adenoma							2		2		1	1
Polyp	4	1	5	1	1	2	3	2	5	2	1	3
Reticulum Cell Sarcoma*	1		1		1	1						
THYROID (NO. EXAMINED)	(18)	(29)	(47)	(23)	(26)	(49)	(30)	(20)	(50)	(14)	(33)	(47)
C-Cell Adenoma	2	3	5	2	1	3	4	2	6	1	2	3
C-Cell Carcinoma*	1		1				1	1	2	2	4	6
Follicular Adenoma		3	3	1	1	2	1		1			
Metastatic Fibrosarcoma*							1		1			
PARATHYROID (NO. EXAMINED)	(12)	(11)	(23)	(12)	(13)	(25)	(13)	(12)	(25)	(5)	(18)	(23)
Adenoma											1	1

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Glyphosate (ROUNDUP® Technical)
Terminal Sacrifice
Female Rats

	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total
ADRENAL (NO. EXAMINED)	(18)	(32)	(50)	(23)	(27)	(50)	(30)	(20)	(50)	(15)	(34)	(49)
Reticulum Cell Sarcoma*		1	1		1	1		1	1		3	3
Pheochromocytoma	1		1	1	1	2	2		2	1	1	2
Cortical Adenoma	3	2	5	4	6	10	6		6		4	4
Cortical Carcinoma*		1	1					1	1	1		1
Malignant Lymphoma*										1		1
MAMMARY GLAND (NO. EXAMINED)	(17)	(30)	(47)	(22)	(24)	(46)	(28)	(20)	(48)	(15)	(29)	(44)
Adenoma[a]	2/2	2/2	4/4	4/4	3/3	7/7	7/5	3/3	10/8	3/3	2/2	5/5
Fibroadenoma[a]	9/6	24/18	33/24	13/9	15/7	28/16	15/11	12/9	27/20	6/4	16/12	22/16
Adenocarcinoma[a]*	4/4	7/6	11/10	3/1	5/5	8/6	3/3	3/2	6/5	3/2	6/6	9/8
Reticulum Cell Sarcoma*	1		1									
EYE (NO. EXAMINED)	(18)	(31)	(49)	(21)	(27)	(48)	(30)	(20)	(50)	(15)	(32)	(47)
Periocular Fibrosarcoma*							1		1			
HARDERIAN GLAND (NO. EXAMINED)	(17)	(30)	(47)	(20)	(25)	(45)	(28)	(19)	(47)	(15)	(29)	(44)
Malignant Lymphoma*											1	1
Invasive Fibrosarcoma*							1		1			

*Malignant Neoplasm
[a]Number of Lesions/Number of Animals with Lesion

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NEOPLASM
SUMMARY INCIDENCE TABLE

Bio/dynamics Project Number M-6, 77-2062
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Glyphosate (ROUNDUP® Technical)
Terminal Sacrifice
Female Rats

	Group I			Group II			Group III			Group IV		
	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total
BONE MARROW (RIB) (NO. EXAMINED)	(18)	(28)	(46)	(21)	(23)	(44)	(28)	(18)	(46)	(14)	(31)	(45)
Malignant Lymphoma*								1	1		1	1
Reticulum Cell Sarcoma*		1	1					1	1		3	3
EAR (NO. EXAMINED)		(2)	(2)								(1)	(1)
Chondroma		1	1									
Osteochondroma		1	1								1	1
SUBCUTANEOUS TISSUE (NO. EXAMINED)	(2)	(2)	(4)	(3)	(3)	(6)	(1)		(1)	(1)	(1)	(2)
Lipoma										1	1	2
Fibrosarcoma*					1	1						
Reticulum Cell Sarcoma*					2	2						
Fibroma				1		1						
MEDIASTINAL TISSUE (NO. EXAMINED)		(2)	(2)		(1)	(1)	(1)	(1)	(2)		(2)	(2)
Fibrosarcoma*		1	1									
Reticulum Cell Sarcoma*					1	1						

*Malignant Neoplasm

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NEOPLASM
SUMMARY INCIDENCE TABLE

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Glyphosate (ROUNDUP® Technical)
Terminal Sacrifice
Female Rats

	Group I			Group II			Group III			Group IV		
	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total	Scheduled Sacrifice	Moribund Sacrifice & Deaths	Total
MESENTERY (NO. EXAMINED)	(1)	(4)	(5)	(4)	(1)	(5)	(1)	(1)	(2)	(1)	(6)	(7)
Reticulum Cell Sarcoma*											2	2
Metastatic Adrenal Cortical												
Carcinoma*		1	1									
SKULL (NO. EXAMINED)											(1)	(1)
Fibroma											1	1
URETER (NO. EXAMINED)							(1)		(1)		(1)	(1)
Transitional Cell Carcinoma*							1		1		1	1
MANDIBULAR LYMPH NODE (NO. EXAMINED)	(2)		(2)	(1)	(2)	(3)	(6)		(6)	(3)	(3)	(6)
Malignant Lymphoma*											1	1

*Malignant Neoplasm

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