

EXHIBIT A

THE DATA BASE FOR INDUSTRIAL BIO-TEST CHEMICALS

Exhibit A quantitatively presents the data base of the chemical compounds for which studies were conducted by Industrial Bio-Test Laboratories. The IBT studies are designated by the letter O. Studies in the EPA data base done by labs other than IBT are designated by the letter X.

The studies are arrayed across six categories of chronic effects. These chronic effects are: oncogenicity, teratogenicity, mutagenicity, reproductive effects, neurotoxicity, and other chronic effects.

Some of the chemicals in this exhibit appear to have no IBT studies because the studies conducted for these chemicals by IBT were all in the acute categories. The chemical names used are those that were listed in the IBT records. There is no designation of the validity or invalidity of the IBT studies presented. Specific information of this nature is in Exhibit B.

Exhibit A also notes any ongoing regulatory activity that will generate chronic data for these chemicals. The types of regulatory activity that cause the generation of data are: the registration standard program, the data call in program, the rebuttable presumption against registration program, and any special action employing the 3c2b provision of the Federal Insecticide, Fungicide, Rodenticide Act. There are approximately 2830 chronic studies indicated in this data base.

CHEMICAL COMPOUNDS TESTED BY INDUSTRIAL BIO-TEST LABORATORIES:
A QUANTITATIVE PRESENTATION OF STUDIES SUBMITTED TO EPA BY IBT AND OTHER LABORATORIES.

CHEMICALS	ONCOGENICITY	TERATOGENICITY	MUTAGENICITY	REPRODUCTIVE EFFECTS	NEUROTOXICITY	OTHER CHRONIC EFFECTS	REGULATORY ACTIVITY TO GENERATE CHRONIC DATA
Resmethrin	XXXX	XXXXXX 000	XXXX	XXX	XXXX	XXXXX	
Ronnel		XX 0		XXX	X=25	XX	Discontinued Product
Rydex (Prodiamine)	X 0	0	0	0		0000	Not Registered
Santophen		X 00	0	0			No Food Use
Sectrol	X	XXXXXXXX	X	X=9	X=9	X=20 0	
Sencor	X 0	XXX 000	XXXXXXXX 0	XX		XXX	
Simazine	XX 0	X	XX	XXX	X	XXXXXXXX 0	Data Call In
Sodium Azide		0	XXXXX			XXX	
Sodium Bromide						X	
Sodium Chloride							

EXHIBIT B

IBT TRACKING SYSTEM REPORT

IBT TRACKING SYSTEM REPORT

CODE DEFINITIONS

VALIDATE: a review designed to determine if the information in the final report was supported by the raw data from the study.

- I - Invalid. The information in the final report was not supported by the raw data from the study.
- P - Pending. The study is still under validation review.
- S - Supplemental. Portions of the study are valid and can be used independently of the remainder of the study.
- V - Valid. The information in the final report is supported by the raw data from the study.

EVALUATE: a review designed to determine if a study meets Agency guidelines for studies to be used in support of pesticide registration.

- C, CM - Core minimum. The study meets the regulatory data requirements to support pesticide registration.
- S, CS - Core supplemental. The study is useful to supplement other studies.
- I, CI - Core invalid. The study does not meet the regulatory data requirements to support registration.
- P - Pending. The study is still under evaluation review.
- NA - Not applicable. The study was not given an evaluation status if the validation process determined it to be invalid.

REPLACE: the column indicating the replacement status of the study.

- Replaced - Study replaced or in progress
- Discussion - Replacement study under discussion
- Not Req - Study no longer required
- No Resp - No response from registrant
- Neg Resp - Negative response from registrant

TEST_NUM	CHEMICAL	COMPANY	ROUTE	TYPE	SPECIES	VALIDATE	EVALUATE	REPLACE
651-6116	PRODIAMINE	VELSICOL		TERATOLOGY	RABBIT	I	NA	NO RESP
61-6024	PRODIAMINE	VELSICOL	ORAL	SUBCHRONIC	DOG	I	NA	NO RESP
671-6143	PRODIAMINE	VELSICOL		CATARACTEGEN	HEN	I	NA	NO RESP
651-7145	PRODIAMINE	VELSICOL		CARCINOGENICITY	HOUSE	I	NA	NO RESP
604	PROFLURALIN	CIBA GEIGY		TERATOLOGY	RAT	V	NA	NOT REQ
476	PROFLURALIN	CIBA GEIGY	ORAL	SUBCHRONIC	DOG	V		NEG RESP
475	PROFLURALIN	CIBA GEIGY	ORAL	SUBCHRONIC	RAT	V	NA	NEG RESP
475	PROFLURALIN	CIBA GEIGY	DERMAL		RABBIT	I	NA	NEG RESP
1	PROMETON	CIBA GEIGY		TERATOLOGY	RAT	S	P	NO RESP
	PROMETRYN	FHC	DERMAL		RABBIT	I	NA	NEG RESP
2	PROPHAM	PFG	ORAL	SUBACUTE	RAT	I	NA	REPLACED
6634	PROPHAM	PFG	ORAL	SUBACUTE	DOG	I	NA	NEG RESP
6634E	PROPHAM	PFG			HEN	V	V	NEG RESP
B-1374A	PROWL	AMER CYANAMID		TERATOLOGY	RAT	I	NA	REPLACED
B-2324	PROWL	AMER CYANAMID		TERATOLOGY	RAT	I	NA	REPLACED
6580-9771	PROWL	AMER CYANAMID		CATARACTEGEN	HEN	V	CM	NEG RESP
663-6080	PYRETHRIN	HGK	INHALATION		HOUSE	V	P	NO RESP
J-239	RABON	SHELL		TERATOLOGY	RABBIT	I	NA	REPLACED
A-1330	RAMROD	MONSANTO	DERMAL	SUBACUTE	RABBIT	I	NA	NOT REQ
A-7183	RAMROD	MONSANTO	DERMAL	SUBACUTE	RABBIT	I	NA	NEG RESP
B-1174	RAMROD	MONSANTO		CARCINOGENICITY	HOUSE	I	NA	NEG RESP
B-5062	RAMROD	MONSANTO	ORAL	CHRONIC	RAT	I	NA	NOT REQ
B-5064	RAMROD	MONSANTO	ORAL	CHRONIC	DOG	I	NA	NOT REQ
B-5065	RAMROD	MONSANTO		REPRODUCTION	RAT	I	NA	NOT REQ
B-5083	RAMROD	MONSANTO	ORAL	SUBCHRONIC	RAT	I	NA	NOT REQ
B-5084	RAMROD	MONSANTO	ORAL	SUBCHRONIC	DOG	I	NA	NOT REQ
1173	RAMROD	MONSANTO	ORAL	CHRONIC	DOG	I	NA	
E-1177	RAMROD	MONSANTO		MUTAGENICITY	HOUSE	I	NA	NEG RESP
1175	RAMROD	MONSANTO		TERATOLOGY	RABBIT	I	NA	NEG RESP
621-1172	RAMROD	MONSANTO	ORAL	CHRONIC	RAT	I	NA	NEG RESP
622-1176	RAMROD	MONSANTO		REPRODUCTION	RAT	I	NA	NEG RESP
663-6289	RAMROD	MONSANTO	INHALATION	SUBACUTE	RAT	I	NA	NEG RESP
E-1751	RAMROD	MONSANTO			QUAIL	V	V	NEG RESP
J-7214	RAMROD	MONSANTO	DIETARY		QUAIL	I	NA	NOT REQ
621-1174	RAMROD	MONSANTO	ORAL		HOUSE	I	NA	REPLACED
B-4806	RANDOX	MONSANTO	ORAL	SUBACUTE	RAT	I	NA	NEG RESP
C-4807	RANDOX	MONSANTO	ORAL	SUBACUTE	DOG	I	NA	NEG RESP
621-06952	RANDOX	MONSANTO	ORAL	CHRONIC	RAT	I	NA	NEG RESP
623-6953	RANDOX	MONSANTO		REPRODUCTION	RAT	I	NA	NEG RESP
623-7090	RANDOX	MONSANTO		MUTAGENICITY	HOUSE	V	CI	NO RESP
651-0791	RANDOX	MONSANTO		TERATOLOGY	RABBIT	I	NA	NEG RESP
B-5580	RESMETHRIN		ORAL	SUBCHRONIC	RAT	I	NA	REPLACED
5579	RESMETHRIN			TERATOLOGY	RABBIT	I	NA	REPLACED
5579	RESMETHRIN			TERATOLOGY	RABBIT	I	NA	REPLACED
6179	RESMETHRIN			TERATOLOGY	HOUSE	I	NA	REPLACED
	RONNEL	DOW	TISS/SKEL	TERATOLOGY	RAT	I	NA	NEG RESP
A-2007	SANTOFEN	MONSANTO	DERMAL	SUBCHRONIC	RABBIT	I	NA	NO RESP
B-2010	SANTOFEN	MONSANTO	ORAL	SUBCHRONIC	RAT	S	S	NO RESP
C-2009	SANTOFEN	MONSANTO	ORAL	SUBCHRONIC	DOG	I	NA	NO RESP
C-2011	SANTOFEN	MONSANTO	ORAL	SUBCHRONIC	DOG	I	NA	NO RESP
E-2014	SANTOFEN	MONSANTO		MUTAGENICITY	HOUSE	I	NA	NO RESP
1-2013	SANTOFEN	MONSANTO		TERATOLOGY	RABBIT	I	NA	NO RESP
	SANTOFEN	MONSANTO	INHALATION	SUBACUTE	RAT	I	NA	NO RESP

IBT_NUM	CHEMICAL	COMPANY	ROUTE	TYPE	SPECIES	VALIDATE	EVALUATE	REPLACE
622-20128	SANTOPHEN	MONSANTO		REPRODUCTION	RAT	P		NO RESP
622-20120	SANTOPHEN	MONSANTO		TERATOLOGY	RAT	I	NA	NO RESP
8562-8408	SECTROL	3M	INHALATION		RAT	I	NA	REPLACED
P-9049	SENCOR	CHEMAGRO		CARCINOGENICITY	MOUSE	I	NA	REPLACED
C-7760	SENCOR	CHEMAGRO	ORAL	SUBACUTE	DOG	V	P	NO RESP
E-8922	SENCOR	CHEMAGRO		MUTAGENICITY	MOUSE	I	NA	REPLACED
J-1851	SENCOR	CHEMAGRO		TERATOLOGY	RABBIT	I	NA	REPLACED
J-233	SENCOR	CHEMAGRO		TERATOLOGY	RABBIT	I	NA	REPLACED
J-9627	SENCOR	CHEMAGRO		TERATOLOGY	RABBIT	I	NA	REPLACED
R-9071	SIMAZINE	CIBA GEIGY	ORAL	SUBCHRONIC	RAT	I	NA	REPLACED
R-9244	SIMAZINE	CIBA GEIGY	ORAL	SUBCHRONIC	RAT	I	NA	NOT REQ
8532-8869	SIMAZINE	CIBA GEIGY	ORAL	SUBCHRONIC	MOUSE	I	NA	NEG RESP
8580-8907	SIMAZINE	CIBA GEIGY		CARCINOGENICITY	MOUSE	I	NA	DISCUSSION
622-3540	SODIUM AZIDE	PFG		TERATOLOGY	RAT	I	NA	NOT REQ
B-5664	SODIUM CHLORATE		ORAL		RAT	I	NA	NEG RESP
C-5665	SODIUM CHLORATE		ORAL		DOG	I	NA	NEG RESP
R-904	SUMITOL	CIBA GEIGY		TERATOLOGY	RAT	V	NA	NO RESP
9580-9380	SUFACIDE	CIBA GEIGY	ORAL	CHRONIC	MOUSE	S	P	REPLACED
A-7198	SUFACIDE	CIBA GEIGY	DERMAL		RABBIT	V	NA	REPLACED
2705	TEDION	FMC		REPRODUCTION	RAT	I	NA	NEG RESP
P-13748	TERBUFOS	AMER CYANAMID		TERATOLOGY	RAT	I	NA	NO RESP
P-13748	TERBUTHYLAZINE	CIBA GEIGY		TERATOLOGY	RAT	V		NEG RESP
B-3797	TERBUTHYLAZINE	CIBA GEIGY	ORAL	SUBCHRONIC	RAT	I	NA	NEG RESP
B-4538	TERBUTHYLAZINE	CIBA GEIGY	ORAL	SUBCHRONIC	RAT	I	NA	NEG RESP
B-8210	TERBUTHYLAZINE	CIBA GEIGY	ORAL	CHRONIC	RAT	P		NEG RESP
B-8211	TERBUTHYLAZINE	CIBA GEIGY	ORAL	CHRONIC	RAT	I	NA	NEG RESP
C-8270	TERBUTHYLAZINE	CIBA GEIGY	ORAL	SUBCHRONIC	DOG	I	NA	NEG RESP
C-8271	TERBUTHYLAZINE	CIBA GEIGY	ORAL	CHRONIC	DOG	I	NA	NEG RESP
P-8272	TERBUTHYLAZINE	CIBA GEIGY		REPRODUCTION	RAT	P		NEG RESP
A-8750	TERBUTHYLAZINE	CIBA GEIGY	DERMAL		RABBIT	P		NEG RESP
A-8750	TERBUTHYLAZINE	CIBA GEIGY	DERMAL		RABBIT	I	NA	NEG RESP
A-5456	TERBUTRYN	CIBA GEIGY		TERATOLOGY	RAT	V		REPLACED
A-5456	TERBUTRYN	CIBA GEIGY	DERMAL		RABBIT	I	NA	NOT REQ
B-3799	TERBUTRYN	CIBA GEIGY	ORAL		RAT	I	NA	REPLACED
J-5286	TERBUTRYN	CIBA GEIGY	ORAL		DOG	I	NA	REPLACED
8533-10590	TERRAZOLE	OLIN		TERATOLOGY	RAT	S	S	REPLACED
8531-8338	THIDIAZURON	NORAM	ORAL	SUBCHRONIC	DOG	S	CS	REPLACED
8533-9630	THIDIAZURON	NORAM		REPRODUCTION	RAT	V	C	NEG RESP
8560-8337	THIDIAZURON	NORAM	ORAL	SUBCHRONIC	RAT	S	CS	NOT REQ
8560-9361	THIDIAZURON	NORAM	ORAL	CHRONIC	RAT	S	S	REPLACED
8580-10725	THIDIAZURON	NORAM		ONCOGENICITY	MOUSE	V	C	NEG RESP
R-1056	THIODAN	FMC		TERATOLOGY	RAT	I	NA	REPLACED
R-2661	THIODAN	FMC	ORAL	SUBACUTE	RAT	I	NA	REPLACED
C-2665	THIODAN	FMC	ORAL	SUBACUTE	DOG	I	NA	REPLACED
C-3758	THIODAN	FMC	ORAL	CHRONIC	DOG	V	P	NO RESP
C-8795	THIODAN	FMC	ORAL	CHRONIC	DOG	V	P	NOT REQ
C-8795	THIODAN	FMC		MUTAGENICITY	MOUSE	V	CI	REPLACED
C-8795	THIODAN	FMC		REPRODUCTION	RAT	I	NA	REPLACED
C-8795	THIODAN	FMC			HEN	V	V	NEG RESP
C-8795	THIOFANOX	DIAMOND SHAMROCK	ORAL	SUBCHRONIC	RAT	I	NA	NO RESP
451-6885	THIOFANOX	DIAMOND SHAMROCK		NEUROTOX	CHICKEN	V	P	NO RESP
651-7054	THIOFANOX	DIAMOND SHAMROCK		NEUROTOX	CHICKEN	V	P	NOT REQ
B-4008	TORAK	BFC	ORAL	SUBACUTE	RAT	I	NA	NEG RESP
B-4055	TORAK	BFC	ORAL	SUBCHRONIC	RAT	I	NA	NEG RESP