



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OCT 16 1987

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

Subject: Addendum to the Chemistry Chapter for the Dimethoate
Registration Standard: TAS Tolerance Reassessment.

To: Amy Rispin, Ph.D.
Science Integration Staff
Hazard Evaluation Division
and
D. Welch
Registration Division

From: Charles Frick
Tolerance Assessment Program
Residue Chemistry Branch, HED

e. Frick 10/11/87

Thru: Steven Saunders, Ph.D.
Program Manager, TAS
Residue Chemistry Branch, HED

JS 10/14/87

Please find attached the Tolerance Assessment System (TAS) tolerance reassessment for Dimethoate which is an addendum to the Registration Standard. This is in compliance with the HED policy that TAS will be used for all Registration Standards, Special Reviews, and tolerances on new chemicals.

TOLERANCE REASSESSMENT

CHEMICAL: DIMETHOATE

Discussion

1. The Provisional Acceptable Daily Intake (PADI) for this chemical is 0.02 mg/kg/day, and has been approved by the Toxicology Branch and Agency Reference Dose Committees.

2. The food uses evaluated by TAS were published tolerances as established under 40 CFR 180.204 and the published residue values factored by the percent of crop treated*. A listing of these residues values is appended.

3. The TAS Routine Chronic Analysis estimates dietary exposure for the U.S. population average and for each of 22 subgroups. The TAS analysis using the published tolerance values estimated the TMRC for the U.S. population average as 0.012674 mg/kg/day, which is equivalent to 63% of the PADI. The two most highly exposed subgroups were non-nursing infants (0.036126 mg/kg/day, 180% of the PADI) and children 1-6 years old (0.030301 mg/kg/day, 151% of the PADI).

4. The TAS analysis using published tolerance values factored by percent of crop treated, estimated for the U.S. population an Anticipated Residue Contribution (ARC) of 0.002713 mg/kg/day, which is equivalent to 13% of the PADI. The values for the 22 subgroups ranged from a low of 10% to a high of 39%. None of the calculated dietary exposures for any group equaled or exceeded the PADI.

* The data on percent of crops treated with Dimethoate was submitted by way of a memorandum by Richard P. Dumas, Economist, Benefits and Use Division (BUD) July, 1987. This data was qualified as follows: "... The information contained in the report was gathered from a variety of the Agency's data source and should be considered preliminary pending additional information provided through inter-agency and intra-agency reviews and public hearings."

Attachment

cc. Registration Standard File
Circ.
TAS File
C. Frick (RCB)
J. Steward (TOX)
Toxicology Branch
PMSD

2

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

DATE: 09/28/87

PAGE: 1

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES		DATA GAPS/COMMENTS	STATUS
Dimethoate Caswell #358 CAS No. 60-51-5 A.I. CODE: 035001 CFR No. 180.204	Human ChE study NOEL= 0.2000 mg/kg 0.00 ppm LEL= 0.4000 mg/kg 0.00 ppm ONCO: Negative- 1 species	Inhibition of blood ChE. No evidence of oncogeni- city in mice, rat study inadequate.	PADI 10 OPP Rfd= 0.020000 EPA Rfd= 0.020000 WHO Rfd 0.002000 Type: TADI	Chronic feeding- rat Chronic feeding- dog Teratology- rabbit	TOX complete 8/29/86. ORD verified 9/29/86. TOX reassess 3/06/87. ORD verified 3/18/87. WHO last reviewed 1984.	
POPULATION SUBGROUP						
TOTAL TMRC (MG/KG BODY WEIGHT/DAY)						
CURRENT TMRC*			NEW TMRC AS PERCENT OF RFD		EFFECT OF ANTICIPATED RESIDUES ARC (MG/KG/DAY) %RFD	
U.S. POPULATION - 48 STATES	0.012674	0.012674	63.368440	0.000000	0.002713	13.563855
U.S. POPULATION - SPRING SEASON	0.012193	0.012193	60.967050	0.000000	0.002658	13.290300
U.S. POPULATION - SUMMER SEASON	0.012219	0.012219	61.094190	0.000000	0.002815	14.075805
U.S. POPULATION - FALL SEASON	0.013040	0.013040	65.198965	0.000000	0.002727	13.634010
U.S. POPULATION - WINTER SEASON	0.013180	0.013180	65.902450	0.000000	0.002652	13.257600
NORTHEAST REGION	0.014314	0.014314	71.570865	0.000000	0.002656	13.278385
NORTH CENTRAL REGION	0.012373	0.012373	61.864515	0.000000	0.002550	12.751995
SOUTHERN REGION	0.011154	0.011154	55.769550	0.000000	0.002866	14.331110
WESTERN REGION	0.013451	0.013451	67.253440	0.000000	0.002761	13.807365
HISPANICS	0.015336	0.015336	76.678105	0.000000	0.002526	12.629370
NON-HISPANIC WHITES	0.012499	0.012499	62.495625	0.000000	0.002604	13.021905
NON-HISPANIC BLACKS	0.012085	0.012085	60.426315	0.000000	0.003381	16.905225
NON-HISPANICS OTHER	0.015602	0.015602	78.008510	0.000000	0.003769	18.846600
NURSING INFANTS (<1 YEAR OLD)	0.021726	0.021726	108.629985	0.000000	0.004899	24.493215
NON-NURSING INFANTS (<1 YEAR OLD)	0.036126	0.036126	180.629685	0.000000	0.007971	39.855600
FEMALES (13+ YEARS, PREGNANT)	0.010136	0.010136	50.682400	0.000000	0.002014	10.070915
FEMALES 13+ YEARS, NURSING	0.011066	0.011066	55.329610	0.000000	0.002603	13.017250
CHILDREN (1-6 YEARS OLD)	0.030301	0.030301	151.505995	0.000000	0.005044	25.220610
CHILDREN (7-12 YEARS OLD)	0.018301	0.018301	91.505650	0.000000	0.003741	18.706450
MALES (13-19 YEARS OLD)	0.011067	0.011067	55.335315	0.000000	0.002350	11.751165
FEMALES (13-19 YEARS OLD, NOT PREG. OR NURSING)	0.010157	0.010157	50.783845	0.000000	0.002143	10.716165
MALES (20 YEARS AND OLDER)	0.008521	0.008521	42.604075	0.000000	0.002090	10.449195
FEMALES (20 YEARS AND OLDER)	0.009570	0.009570	47.849505	0.000000	0.002282	11.410755

*Current TMRC does not include new or pending tolerances.

**New TMRC includes new, pending, and published tolerances.

3

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 358

DATE: 09/28/87

PAGE: 1

CHEMICAL

STUDY TYPE

EFFECTS

REFERENCE DOSES

DATA GAPS/COMMENTS

STATUS

Dimethoate Caswell #358 CAS No. 60-51-5 A.I. CODE: 035001 CFR No. 180.204	Human CHE Study MOEL= 0.2000 mg/kg LEL= 0.4000 mg/kg 0.00 ppm ONCO: Negative- 1 species	Inhibition of blood CHE. No evidence of oncogeni- city in mice, rat study inadequate.	PADI 10 OPP Rfd= 0.020000 EPA Rfd= 0.020000 WHO Rfd 0.002000 Type: TADI	Chronic feeding- rat Chronic feeding- dog Teratology- rabbit	TOX complete 8/29/86. ORD verified 9/29/86. TOX reassess 3/06/87. ORD verified 3/18/87. WHO last reviewed 1984.
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FOOD CODE	FOOD	FOOD FORM	PET. #	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
01014AA	GRAPES-FRESH	10 RAW-FRESH OR NFS	3F1301	1.000000	1.000000		15.90	0.159000
01014AA	GRAPES-FRESH	21 COOKED-NFS	3F1301	1.000000	1.000000		15.90	0.159000
01014AA	GRAPES-FRESH	31 COOKED-FRESH OR CANNED	3F1301	1.000000	1.000000		15.90	0.159000
01014DA	GRAPES-RAISINS	10 RAW-FRESH OR NFS	3F1301	1.000000	1.000000		15.90	0.159000
01014DA	GRAPES-RAISINS	21 COOKED-NFS	3F1301	1.000000	1.000000		15.90	0.159000
01014DA	GRAPES-RAISINS	22 COOKED-FRESH-BAKED	3F1301	1.000000	1.000000		15.90	0.159000
01014JA	GRAPES-JUICE	10 RAW-FRESH OR NFS	3F1301	1.000000	1.000000		15.90	0.159000
01014JA	GRAPES-JUICE	15 RAW-FRESH OR CANNED	3F1301	1.000000	1.000000		15.90	0.159000
01014JA	GRAPES-JUICE	21 COOKED-NFS	3F1301	1.000000	1.000000		15.90	0.159000
02002AA	GRAPEFRUIT-UNSP	00 NOT SPECIFIED (NO CONSUMPTION)	1F1040	2.000000	2.000000		5.00	0.100000
02002AB	GRAPEFRUIT-PULP	10 RAW-FRESH OR NFS	1F1040	2.000000	2.000000		5.00	0.100000
02002AB	GRAPEFRUIT-PULP	21 COOKED-NFS	1F1040	2.000000	2.000000		5.00	0.100000
02002JA	GRAPEFRUIT-JUICE	15 RAW-FRESH OR CANNED	1F1040	2.000000	2.000000		5.00	0.100000
02002JA	GRAPEFRUIT-JUICE	31 COOKED-FRESH OR CANNED	1F1040	2.000000	2.000000		5.00	0.100000
02004AA	LEMONS-UNSPEC	10 RAW-FRESH OR NFS	8F0661	2.000000	2.000000		16.90	0.338000
02004AA	LEMONS-UNSPEC	22 COOKED-FRESH-BAKED	8F0661	2.000000	2.000000		16.90	0.338000
02004AB	LEMONS-PULP	10 RAW-FRESH OR NFS	8F0661	2.000000	2.000000		16.90	0.338000
02004AB	LEMONS-PULP	31 COOKED-FRESH OR CANNED	8F0661	2.000000	2.000000		16.90	0.338000
02004HA	LEMONS-PEEL	10 RAW-FRESH OR NFS	8F0661	2.000000	2.000000		16.90	0.338000
02004HA	LEMONS-PEEL	21 COOKED-NFS	8F0661	2.000000	2.000000		16.90	0.338000
02004JA	LEMONS-JUICE	10 RAW-FRESH OR NFS	8F0661	2.000000	2.000000		16.90	0.338000
02004JA	LEMONS-JUICE	15 RAW-FRESH OR CANNED	8F0661	2.000000	2.000000		16.90	0.338000
02004JA	LEMONS-JUICE	31 COOKED-NFS	8F0661	2.000000	2.000000		16.90	0.338000
02006AA	ORANGES-UNSPEC	00 NOT SPECIFIED (NO CONSUMPTION)	8F0661	2.000000	2.000000		6.40	0.128000
02006AB	ORANGES-PULP	10 RAW-FRESH OR NFS	8F0661	2.000000	2.000000		6.40	0.128000
02006AB	ORANGES-PULP	21 COOKED-NFS	8F0661	2.000000	2.000000		6.40	0.128000
02006HA	ORANGES-PEEL	21 COOKED-NFS	8F0661	2.000000	2.000000		6.40	0.128000
02006HA	ORANGES-PEEL	22 COOKED-FRESH-BAKED	8F0661	2.000000	2.000000		6.40	0.128000
02006JA	ORANGES-JUICE	31 COOKED-FRESH OR CANNED	8F0661	2.000000	2.000000		6.40	0.128000
02006JA	ORANGES-JUICE	15 RAW-FRESH OR CANNED	8F0661	2.000000	2.000000		6.40	0.128000
02006JA	ORANGES-JUICE	31 COOKED-FRESH OR CANNED	8F0661	2.000000	2.000000		6.40	0.128000
02008AA	TANGERINE-JUICE	10 RAW-FRESH OR NFS	1F1040	2.000000	2.000000		100.00	2.000000
02008AA	TANGERINE-JUICE	15 RAW-FRESH OR CANNED	1F1040	2.000000	2.000000		100.00	2.000000
03008AA	PECANS	10 RAW-FRESH OR NFS	9F0812	0.100000	0.100000		6.90	0.006900
03008AA	PECANS	21 COOKED-NFS	9F0812	0.100000	0.100000		6.90	0.006900
03008AA	PECANS	22 COOKED-FRESH-BAKED	9F0812	0.100000	0.100000		6.90	0.006900
03008AA	PECANS	23 COOKED-FRESH-BOILED	9F0812	0.100000	0.100000		6.90	0.006900
04001AA	APPLES-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	9F0812	0.100000	0.100000		6.90	0.006900
04001AA	APPLES-FRESH	10 RAW-FRESH OR NFS	385	2.000000	2.000000		2.40	0.048000

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 358

DATE: 09/28/87

PAGE: 2

CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
Dimethoate	Caswell #358	Human Che Study	NOEL= 0.200 mg/kg	Inhibition of blood Che.	PADI 10	Chronic feeding- rat	TOX complete 8/29/86.				
CAS No. 60-51-5	A.I. CODE: 035001	LEL= 0.400 mg/kg	No evidence of oncogeni-	city in mice, rat study	EPA RfD= 0.020000	Teratology- rabbit	ORD verified 9/29/86.				
CFR No. 180.204	ONCO: Negative- 1 species		inadequate.	WHO RfD 0.002000	Type: TADI		TOX reassess 3/06/87.				
							ORD verified 3/18/87.				
							WHO last reviewed 1984.				

FOOD CODE	FOOD	FOOD FORM	PET. #	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
04001AA	APPLES-FRESH	21 COOKED-NFS	385	2.000000	2.000000		2.40	0.048000
04001AA	APPLES-FRESH	31 COOKED-FRESH OR CANNED	385	2.000000	2.000000		2.40	0.048000
04001AA	APPLES-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	385	2.000000	2.000000		2.40	0.048000
04001DA	APPLES-DRIED	10 RAW-FRESH OR NFS	385	2.000000	2.000000		2.40	0.048000
04001DA	APPLES-DRIED	22 COOKED-FRESH-BAKED	385	2.000000	2.000000		2.40	0.048000
04001DA	APPLES-DRIED	62 COOKED-FRESH OR FROZEN-BAKED	385	2.000000	2.000000		2.40	0.048000
04001JA	APPLES-JUICE	15 RAW-FRESH OR CANNED	385	2.000000	2.000000		2.40	0.048000
04001JA	APPLES-JUICE	31 COOKED-FRESH OR CANNED	385	2.000000	2.000000		2.40	0.048000
04003AA	PEARS-FRESH	10 RAW-FRESH OR NFS	385	2.000000	2.000000		100.00	2.000000
04003AA	PEARS-FRESH	31 COOKED-FRESH OR CANNED	385	2.000000	2.000000		100.00	2.000000
04003AA	PEARS-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	385	2.000000	2.000000		100.00	2.000000
04003DA	PEARS-DRIED	10 RAW-FRESH OR NFS	385	2.000000	2.000000		100.00	2.000000
04003DA	PEARS-DRIED	21 COOKED-NFS	385	2.000000	2.000000		100.00	2.000000
05002AA	CHERRIES-FRESH	10 RAW-FRESH OR NFS	7E1949	2.000000	2.000000		6.90	0.138000
05002AA	CHERRIES-FRESH	21 COOKED-NFS	7E1949	2.000000	2.000000		6.90	0.138000
05002AA	CHERRIES-FRESH	31 COOKED-FRESH OR CANNED	7E1949	2.000000	2.000000		6.90	0.138000
05002AA	CHERRIES-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	7E1949	2.000000	2.000000		6.90	0.138000
05002JA	CHERRIES-DRIED	00 NOT SPECIFIED (NO CONSUMPTION)	7E1949	2.000000	2.000000		6.90	0.138000
05002JA	CHERRIES-DRIED	15 RAW-FRESH OR CANNED	7E1949	2.000000	2.000000		6.90	0.138000
05002JA	CHERRIES-DRIED	21 COOKED-NFS	7E1949	2.000000	2.000000		6.90	0.138000
08048DA	PAPRIKA	00 NOT SPECIFIED (NO CONSUMPTION)	385	2.000000	2.000000		100.00	2.000000
10002AA	CANTALOUPE-UNSP	00 NOT SPECIFIED (NO CONSUMPTION)	7F0578	1.000000	1.000000		100.00	1.000000
10002AB	CANTALOUPE-PULP	10 RAW-FRESH OR NFS	7F0578	1.000000	1.000000		100.00	1.000000
10002AB	CANTALOUPE-PULP	21 COOKED-NFS	7F0578	1.000000	1.000000		100.00	1.000000
10003AA	CASABAS	10 RAW-FRESH OR NFS	7F0578	1.000000	1.000000		100.00	1.000000
10004AA	CRENSHAW	00 NOT SPECIFIED (NO CONSUMPTION)	7F0578	1.000000	1.000000		100.00	1.000000
10005AA	HONEYDEW MELONS	10 RAW-FRESH OR NFS	7F0578	1.000000	1.000000		100.00	1.000000
10007AA	PERSION MELONS	00 NOT SPECIFIED (NO CONSUMPTION)	7F0578	1.000000	1.000000		100.00	1.000000
10008AA	WATERMELON	10 RAW-FRESH OR NFS	7F0578	1.000000	1.000000		100.00	1.000000
10008AA	WATERMELON	21 COOKED-NFS	7F0578	1.000000	1.000000		100.00	1.000000
11003AA	PEPPERS-SWEET	10 RAW-FRESH OR NFS	385	2.000000	2.000000		100.00	2.000000
11003AB	CHILI PEPPERS	21 COOKED-NFS	385	2.000000	2.000000		100.00	2.000000
11003AB	CHILI PEPPERS	00 NOT SPECIFIED (NO CONSUMPTION)	385	2.000000	2.000000		100.00	2.000000
11003AD	PEPPERS-OTHER	10 RAW-FRESH OR NFS	385	2.000000	2.000000		100.00	2.000000
11003AD	PEPPERS-OTHER	21 COOKED-NFS	385	2.000000	2.000000		100.00	2.000000
11003AD	PEPPERS-OTHER	51 COOKED-CANNED	385	2.000000	2.000000		100.00	2.000000
11004AA	PIMIENTOS	10 RAW-FRESH OR NFS	385	2.000000	2.000000		100.00	2.000000
11004AA	PIMIENTOS	21 COOKED-NFS	385	2.000000	2.000000		100.00	2.000000
11004AA	PIMIENTOS	31 COOKED-FRESH OR CANNED	385	2.000000	2.000000		100.00	2.000000

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 358

DATE: 09/28/87

PAGE: 3

9

CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
Dimethoate Caswell #358 CAS No. 60-51-5 A.I. CODE: 035001 CFR No. 180.204		Human Che Study NOEL= 0.2000 mg/kg LEI= 0.4000 mg/kg 0.00 ppm ONCO: Negative- 1 species		Inhibition of blood Che. No evidence of oncogeni- city in mice, rat study inadequate.		PADI 10 OPP RfD= 0.020000 EPA RfD= 0.020000 WHO RfD 0.002000 Type: TADI		Chronic feeding- rat Chronic feeding- dog Teratology- rabbit		TOX complete 8/29/86. ORD verified 9/29/86. TOX reassess 3/06/87. ORD verified 3/18/87. WHO last reviewed 1984.	

FOOD CODE	FOOD	FOOD FORM	PET. #	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
11005AA	TOMATOES-WHOLE	10 RAW-FRESH OR NFS	385	2.000000	2.000000		8.90	0.178000
11005AA	TOMATOES-WHOLE	21 COOKED-NFS	385	2.000000	2.000000		8.90	0.178000
11005AA	TOMATOES-WHOLE	31 COOKED-FRESH OR CANNED	385	2.000000	2.000000		8.90	0.178000
11005JA	TOMATOES-JUICE	10 RAW-FRESH OR NFS	385	2.000000	2.000000		8.90	0.178000
11005JA	TOMATOES-JUICE	21 COOKED-NFS	385	2.000000	2.000000		8.90	0.178000
11005RA	TOMATOES-PUREE	10 RAW-FRESH OR NFS	385	2.000000	2.000000		8.90	0.178000
11005RA	TOMATOES-PUREE	21 COOKED-NFS	385	2.000000	2.000000		8.90	0.178000
11005RA	TOMATOES-PUREE	31 COOKED-FRESH OR CANNED	385	2.000000	2.000000		8.90	0.178000
11005RA	TOMATOES-PUREE	32 COOKED-FRESH OR CANNED-BAKED	385	2.000000	2.000000		8.90	0.178000
11005RA	TOMATOES-PUREE	51 COOKED-CANNED	385	2.000000	2.000000		8.90	0.178000
11005TA	TOMATOES-PASTE	21 COOKED-NFS	385	2.000000	2.000000		8.90	0.178000
11005TA	TOMATOES-PASTE	22 COOKED-FRESH-BAKED	385	2.000000	2.000000		8.90	0.178000
11005TA	TOMATOES-PASTE	31 COOKED-FRESH OR CANNED	385	2.000000	2.000000		8.90	0.178000
11005UA	TOMATOES-CATSUP	21 COOKED-NFS	385	2.000000	2.000000		8.90	0.178000
13002AA	CELERY	10 RAW-FRESH OR NFS	5F1531	2.000000	2.000000		100.00	2.000000
13002AA	CELERY	21 COOKED-NFS	5F1531	2.000000	2.000000		100.00	2.000000
13005AA	BROCCOLI	21 COOKED-NFS	6E3323	2.000000	2.000000		8.30	0.166000
13005AA	BROCCOLI	31 COOKED-FRESH OR CANNED	6E3323	2.000000	2.000000		8.30	0.166000
13005AA	BROCCOLI	63 COOKED-FRESH OR FROZEN-BOILED	6E3323	2.000000	2.000000		8.30	2.000000
13007AA	CABBAGE	10 RAW-FRESH OR NFS	6E3323	2.000000	2.000000		100.00	2.000000
13007AA	CABBAGE	11 RAW-FRESH-PICKLED, CORNED, OR CURED	6E3323	2.000000	2.000000		100.00	2.000000
13007AA	CABBAGE	21 COOKED-NFS	6E3323	2.000000	2.000000		100.00	2.000000
13008AA	CAULIFLOWER	10 RAW-FRESH OR NFS	6E3323	2.000000	2.000000		18.00	0.360000
13008AA	CAULIFLOWER	21 COOKED-NFS	6E3323	2.000000	2.000000		18.00	0.360000
13009AA	COLLARDS	51 COOKED-CANNED	6E3323	2.000000	2.000000		100.00	2.000000
13009AA	COLLARDS	63 COOKED-FRESH OR FROZEN-BOILED	6E3323	2.000000	2.000000		100.00	2.000000
13010AA	CABBAGE-CHINESE	10 RAW-FRESH OR NFS	6E3323	2.000000	2.000000		100.00	2.000000
13010AA	CABBAGE-CHINESE	21 COOKED-NFS	6E3323	2.000000	2.000000		100.00	2.000000
13011AA	KALE	63 COOKED-FRESH OR FROZEN-BOILED	6E3323	2.000000	2.000000		100.00	2.000000
13013AA	LETTUCE-LEAFY	10 RAW-FRESH OR NFS	385	2.000000	2.000000		35.40	0.708000
13015AA	ENDIVE	10 RAW-FRESH OR NFS	385	2.000000	2.000000		100.00	2.000000
13015AA	ENDIVE	21 COOKED-NFS	385	2.000000	2.000000		100.00	2.000000
13016AA	FENNEL	00 NOT SPECIFIED (NO CONSUMPTION)	5F1531	2.000000	2.000000		100.00	2.000000
13020AA	LETTUCE-UNSPEC	10 RAW-FRESH OR NFS	385	2.000000	2.000000		35.40	0.708000
13021AA	MUSTARD GREENS	21 COOKED-NFS	6E3323	2.000000	2.000000		100.00	2.000000
13021AA	MUSTARD GREENS	63 COOKED-FRESH OR FROZEN-BOILED	6E3323	2.000000	2.000000		100.00	2.000000
13024AA	MUSTARD GREENS	10 RAW-FRESH OR NFS	385	2.000000	2.000000		100.00	2.000000
13024AA	MUSTARD GREENS	21 COOKED-NFS	385	2.000000	2.000000		100.00	2.000000
13024AA	MUSTARD GREENS	31 COOKED-FRESH OR CANNED	385	2.000000	2.000000		100.00	2.000000
13025AA	SWISS CHARD	10 RAW-FRESH OR NFS	385	2.000000	2.000000		100.00	2.000000

ANTICIPATED RESIDUE INFORMATION FOR CASSELL NUMBER 358

DATE: 09/28/87

PAGE: 4

CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
Dimethoate #358 CAS No. 60-51-5 A.I. CODE: 035001 CFR No. 180.204		Human Che Study NOEL= 0.2000 mg/kg LEL= 0.4000 mg/kg 0.00 ppm		Inhibition of blood Che. No evidence of oncogeni- city in mice, rat study inadequate.		PADI 10 OPP RfD= 0.020000 EPA RfD= 0.020000 WHO RfD 0.002000 Type: TADI		Chronic feeding- rat Chronic feeding- dog Teratology- rabbit		TOX complete 8/29/86. ORD verified 9/29/86. TOX reassess 3/06/87. ORD verified 3/18/87. WHO last reviewed 1984.	
FOOD CODE	FOOD	FOOD FORM	PET. #	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)			
13025AA	SWISS CHARD	31 COOKED-FRESH OR CANNED	385	2.000000	2.000000		100.00	2.000000			
13025AA	SWISS CHARD	63 COOKED-FRESH OR FROZEN-BOILED	385	2.000000	2.000000		100.00	2.000000			
13026AA	TURNIPS-TOPS	10 RAW-FRESH OR NFS	385	2.000000	2.000000		100.00	2.000000			
13026AA	TURNIPS-TOPS	21 COOKED-NFS	385	2.000000	2.000000		100.00	2.000000			
13026AA	TURNIPS-TOPS	31 COOKED-FRESH OR CANNED	385	2.000000	2.000000		100.00	2.000000			
13045AA	LETTUCE-HEAD	10 RAW-FRESH OR NFS	385	2.000000	2.000000		35.40	0.708000			
13045AA	LETTUCE-HEAD	21 COOKED-NFS	385	2.000000	2.000000		35.40	0.708000			
14013AA	POTATO(WH)-WHOLE	10 RAW-FRESH OR NFS	7F0578	0.200000	0.200000		0.60	0.001200			
14013AA	POTATO(WH)-WHOLE	21 COOKED-NFS	7F0578	0.200000	0.200000		0.60	0.001200			
14013AA	POTATO(WH)-WHOLE	22 COOKED-FRESH-BAKED	7F0578	0.200000	0.200000		0.60	0.001200			
14013AB	POTATO(WH)-UNSP	22 COOKED-FRESH-BAKED	7F0578	0.200000	0.200000		0.60	0.001200			
14013AC	POTATO(WH)-PULP	21 COOKED-NFS	7F0578	0.200000	0.200000		0.60	0.001200			
14013AC	POTATO(WH)-PULP	22 COOKED-FRESH-BAKED	7F0578	0.200000	0.200000		0.60	0.001200			
14013AC	POTATO(WH)-PULP	23 COOKED-FRESH-BOILED	7F0578	0.200000	0.200000		0.60	0.001200			
14013AC	POTATO(WH)-PULP	25 COOKED-FRESH-FRIED	7F0578	0.200000	0.200000		0.60	0.001200			
14013DA	POTATO(WH)-DRY	10 RAW-FRESH OR NFS	7F0578	0.200000	0.200000		0.60	0.001200			
14013DA	POTATO(WH)-DRY	31 COOKED-FRESH OR CANNED	7F0578	0.200000	0.200000		0.60	0.001200			
14013HA	POTATO(WH)-PEEL	22 COOKED-FRESH-BAKED	7F0578	0.200000	0.200000		0.60	0.001200			
14019AA	TURNIPS-ROOTS	10 RAW-FRESH OR NFS	385	2.000000	2.000000		100.00	2.000000			
14019AA	TURNIPS-ROOTS	21 COOKED-NFS	385	2.000000	2.000000		100.00	2.000000			
15001AA	BEANS-DRY-GRT NO	00 NOT SPECIFIED (NO CONSUMPTION)	385	2.000000	2.000000		7.50	0.150000			
15001AB	BEANS-DRY-KIDNEY	21 COOKED-NFS	385	2.000000	2.000000		7.50	0.150000			
15001AB	BEANS-DRY-KIDNEY	31 COOKED-FRESH OR CANNED	385	2.000000	2.000000		7.50	0.150000			
15001AC	BEANS-DRY-LIMA	21 COOKED-NFS	385	2.000000	2.000000		7.50	0.150000			
15001AD	BEANS-DRY-NAVY	21 COOKED-NFS	385	2.000000	2.000000		7.50	0.150000			
15001AD	BEANS-DRY-NAVY	31 COOKED-FRESH OR CANNED	385	2.000000	2.000000		7.50	0.150000			
15001AE	BEANS-DRY-OTHER	21 COOKED-NFS	385	2.000000	2.000000		7.50	0.150000			
15001AE	BEANS-DRY-OTHER	25 COOKED-FRESH-FRIED	385	2.000000	2.000000		7.50	0.150000			
15001AE	BEANS-DRY-OTHER	31 COOKED-FRESH OR CANNED	385	2.000000	2.000000		7.50	0.150000			
15001AF	BEANS-DRY-PINTO	21 COOKED-NFS	385	2.000000	2.000000		7.50	0.150000			
15002AA	BEANS-SUCC-LIMA	10 RAW-FRESH OR NFS	385	2.000000	2.000000		100.00	2.000000			
15002AA	BEANS-SUCC-LIMA	21 COOKED-NFS	385	2.000000	2.000000		100.00	2.000000			
15003AA	BEANS-SUCC-GREEN	21 COOKED-NFS	385	2.000000	2.000000		100.00	2.000000			
15007AA	PEAS DRY-GARDEN	21 COOKED-NFS	385	2.000000	2.000000		7.50	0.150000			
15007AA	PEAS DRY-GARDEN	31 COOKED-FRESH OR CANNED	385	2.000000	2.000000		7.50	0.150000			
15009AA	PEAS SUCC-GARDEN	21 COOKED-NFS	385	2.000000	2.000000		100.00	2.000000			
15009AA	PEAS SUCC-GARDEN	31 COOKED-FRESH OR CANNED	385	2.000000	2.000000		100.00	2.000000			
15011AA	LENTILES-WHOLE	31 COOKED-FRESH OR CANNED	3E2890	2.000000	2.000000		7.50	0.150000			
15011AB	LENTILES-SPLIT	21 COOKED-NFS	3E2890	2.000000	2.000000		7.50	0.150000			
15013AA	MUNG BEANS	10 RAW-FRESH OR NFS	385	2.000000	2.000000		7.50	0.150000			

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 358

DATE: 09/28/87

PAGE: 5

CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
Dimethoate	Caswell #358	Human Che Study	NOEL= 0.2000 mg/kg	Inhibition of blood Che.	PADI 10	OPP RfD= 0.020000	Chronic feeding- rat	TOX complete 8/29/86.			
CAS No. 60-51-5		NOEL= 0.00 ppm		No evidence of oncogeni-	EPA RfD= 0.020000		Teratology- rabbit	ORD verified 9/29/86.			
A.I. CODE: 035001		LEL= 0.4000 mg/kg		city in mice, rat study	WHO RfD 0.002000			TOX reassess 3/06/87.			
CFR No. 180.204		0.00 ppm		inadequate.	Type: TADI			ORD verified 3/18/87.			
		ONCO: Negative- 1 species						WHO last reviewed 1984.			

FOOD CODE	FOOD	FOOD FORM	PET. #	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
15013AA	MUNG BEANS	21 COOKED-NFS	385	2.000000	2.000000		7.50	0.150000
15022AA	BEANS-DRY-BROAD	00 NOT SPECIFIED (NO CONSUMPTION)	385	2.000000	2.000000		7.50	0.150000
15023AA	BEANS-DRY-PIGEON	21 COOKED-NFS	385	2.000000	2.000000		7.50	0.150000
15029AA	SOYBEAN-SPROUTED	00 NOT SPECIFIED (NO CONSUMPTION)	5F1642	0.050000	0.050000		0.10	0.000050
15030AA	BEANS-DRY-HYAC	00 NOT SPECIFIED (NO CONSUMPTION)	385	2.000000	2.000000		7.50	0.150000
15031AA	BLKEYE PEAS-DRY	21 COOKED-NFS	385	2.000000	2.000000		7.50	0.150000
15032AA	BEANS-DRY	21 COOKED-NFS	385	2.000000	2.000000		7.50	0.150000
15032AA	BEANS-DRY	31 COOKED-FRESH OR CANNED	385	2.000000	2.000000		7.50	0.150000
24002EA	CORN, GRAIN- ENDO	10 RAW-FRESH OR NFS	4F1462	0.100000	0.100000		0.20	0.000200
24002EA	CORN, GRAIN- ENDO	21 COOKED-NFS	4F1462	0.100000	0.100000		0.20	0.000200
24002EA	CORN, GRAIN- ENDO	22 COOKED-FRESH-BAKED	4F1462	0.100000	0.100000		0.20	0.000200
24002EA	CORN, GRAIN- ENDO	23 COOKED-FRESH-BOILED	4F1462	0.100000	0.100000		0.20	0.000200
24002HA	CORN, GRAIN- BRAN	00 NOT SPECIFIED (NO CONSUMPTION)	4F1462	0.100000	0.100000		0.20	0.000200
24002SA	CORN SUGAR	10 RAW-FRESH OR NFS	4F1462	0.100000	0.100000		0.20	0.000200
24002SA	CORN SUGAR	22 COOKED-NFS	4F1462	0.100000	0.100000		0.20	0.000200
24006AA	SORGHUM	00 NOT SPECIFIED (NO CONSUMPTION)	0F0999	0.100000	0.100000		0.60	0.000600
24007AA	WHEAT-ROUGH	10 RAW-FRESH OR NFS	0F0867	0.040000	0.040000		0.40	0.000160
24007AA	WHEAT-ROUGH	21 COOKED-NFS	0F0867	0.040000	0.040000		0.40	0.000160
24007AA	WHEAT-ROUGH	22 COOKED-FRESH-BAKED	0F0867	0.040000	0.040000		0.40	0.000160
24007AA	WHEAT-ROUGH	23 COOKED-FRESH-BOILED	0F0867	0.040000	0.040000		0.40	0.000160
24007GA	WHEAT-GERM	10 RAW-FRESH OR NFS	0F0867	0.040000	0.040000		0.40	0.000160
24007GA	WHEAT-GERM	22 COOKED-FRESH-BAKED	0F0867	0.040000	0.040000		0.40	0.000160
24007HA	WHEAT-BRAN	10 RAW-FRESH OR NFS	0F0867	0.040000	0.040000		0.40	0.000160
24007HA	WHEAT-BRAN	21 COOKED-NFS	0F0867	0.040000	0.040000		0.40	0.000160
24007HA	WHEAT-BRAN	22 COOKED-FRESH-BAKED	0F0867	0.040000	0.040000		0.40	0.000160
24007HA	WHEAT-FLOUR	10 RAW-FRESH OR NFS	0F0867	0.040000	0.040000		0.40	0.000160
24007HA	WHEAT-FLOUR	21 COOKED-NFS	0F0867	0.040000	0.040000		0.40	0.000160
24007HA	WHEAT-FLOUR	22 COOKED-FRESH-BAKED	0F0867	0.040000	0.040000		0.40	0.000160
24007HA	WHEAT-FLOUR	25 COOKED-FRESH-FRIED	0F0867	0.040000	0.040000		0.40	0.000160
270030A	CORN, GRAIN- OIL	18 PROCESSED OIL	4F1462	0.100000	0.100000		0.20	0.000200
270030A	COTTONSEED- OIL	18 PROCESSED OIL	0F0928	0.100000	0.100000		5.40	0.005400
270030A	COTTONSEED- OIL	18 PROCESSED OIL	0F0928	0.100000	0.100000		5.40	0.005400
27008AA	SAFFLOWER- SEED	00 NOT SPECIFIED (NO CONSUMPTION)	0F0928	0.100000	0.100000		3.50	0.003500
27008AA	SAFFLOWER- SEED	18 PROCESSED OIL	0F0928	0.100000	0.100000		3.50	0.003500
27008AA	SAFFLOWER- OIL	18 PROCESSED OIL	5F1642	0.050000	0.050000		0.10	0.000050
270100A	SOYBEANS- OIL	21 COOKED-NFS	5F1642	0.050000	0.050000		0.10	0.000050
28023AB	SOYBEANS- UNSPEC	10 RAW-FRESH OR NFS	5F1642	0.050000	0.050000		0.10	0.000050
28023AB	SOYBEANS- DRY	21 COOKED-NFS	5F1642	0.050000	0.050000		0.10	0.000050
28023AB	SOYBEANS- DRY	23 COOKED-FRESH-BOILED	5F1642	0.050000	0.050000		0.10	0.000050

8

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 358

DATE: 09/28/87

PAGE: 6

CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
Dimethoate	Caswell #358	Human che Study	NOEL=	Inhibition of blood che.	PADI	10	Chronic feeding- rat	TOX complete 8/29/86.		ORD verified 9/29/86.	
CAS No. 60-51-5			0.2000 mg/kg	No evidence of oncogeni-	OPP RD= 0.020000		Chronic feeding- dog	TOX reassess 3/06/87.		ORD verified 3/18/87.	
A.I. CODE: 035001			0.00 ppm	city in mice, rat study	EPA RD= 0.020000		Teratology- rabbit	ORD verified 3/18/87.		WHO last reviewed 1984.	
CFR No. 180.204			0.00 ppm	inadequate.	WHO RD 0.002000						
		ONCO: Negative- 1 species			Type: TADI						

FOOD CODE	FOOD	FOOD FORM	PET. #	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
28023AB	SOYBEANS-DRY	25 COOKED-FRESH-FRIED	5F1642	0.050000	0.050000		0.10	0.000050
28023AB	SOYBEANS-DRY	31 COOKED-FRESH OR CANNED	5F1642	0.050000	0.050000		0.10	0.000050
28023VA	SOY-FL, FULL FAT	21 COOKED-NFS	5F1642	0.050000	0.050000		0.10	0.000050
28023VA	SOY-FL, FULL FAT	22 COOKED-FRESH-BAKED	5F1642	0.050000	0.050000		0.10	0.000050
28023VA	SOY-FL, FULL FAT	31 COOKED-FRESH OR CANNED	5F1642	0.050000	0.050000		0.10	0.000050
28023WB	SOY-FL, LOW FAT	21 COOKED-NFS	5F1642	0.050000	0.050000		0.10	0.000050
28023WC	SOY-FL,DEFAT	10 RAW-FRESH OR NFS	5F1642	0.050000	0.050000		0.10	0.000050
28023WC	SOY-FL,DEFAT	21 COOKED-NFS	5F1642	0.050000	0.050000		0.10	0.000050
28023WC	SOY-FL,DEFAT	22 COOKED-FRESH-BAKED	5F1642	0.050000	0.050000		0.10	0.000050
28023JC	SOY-FL,DEFAT	51 COOKED-CANNED	5F1642	0.050000	0.050000		0.10	0.000050
28023JC	SOY-FL,DEFAT	53 COOKED-CANNED-BOILED	5F1642	0.050000	0.050000		0.10	0.000050
50000DB	MILK-NON-FAT SOL	10 RAW-FRESH OR NFS	8F0661	0.002000	0.002000		100.00	0.002000
50000DB	MILK-NON-FAT SOL	21 COOKED-NFS	8F0661	0.002000	0.002000		100.00	0.002000
50000DB	MILK-NON-FAT SOL	51 COOKED-CANNED	8F0661	0.002000	0.002000		100.00	0.002000
50000FA	MILK-FAT SOLIDS	10 RAW-FRESH OR NFS	8F0661	0.002000	0.002000		100.00	0.002000
50000FA	MILK-FAT SOLIDS	21 COOKED-NFS	8F0661	0.002000	0.002000		100.00	0.002000
50000FA	MILK-FAT SOLIDS	51 COOKED-CANNED	8F0661	0.002000	0.002000		100.00	0.002000
50000SA	MILK SLUG (LACT)	21 COOKED-NFS	8F0661	0.002000	0.002000		100.00	0.002000
50000SA	MILK SLUG (LACT)	51 COOKED-CANNED	8F0661	0.002000	0.002000		100.00	0.002000
53001BA	BEEF-MEAT BYP	21 COOKED-NFS	8F0661	0.020000	0.020000		100.00	0.020000
53001BA	BEEF-MEAT BYP	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	8F0661	0.020000	0.020000		100.00	0.020000
53001BB	BEEF-OTH ORGAN	21 COOKED-NFS	8F0661	0.020000	0.020000		100.00	0.020000
53001BB	BEEF-OTH ORGAN	31 COOKED-CANNED	8F0661	0.020000	0.020000		100.00	0.020000
53001DA	BEEF-DRIED	21 COOKED-NFS	8F0661	0.020000	0.020000		100.00	0.020000
53001FA	BEEF-FAT	10 RAW-FRESH OR NFS	8F0661	0.020000	0.020000		100.00	0.020000
53001FA	BEEF-FAT	21 COOKED-NFS	8F0661	0.020000	0.020000		100.00	0.020000
53001FA	BEEF-FAT	22 COOKED-FRESH-BAKED	8F0661	0.020000	0.020000		100.00	0.020000
53001FA	BEEF-FAT	23 COOKED-FRESH-BOILED	8F0661	0.020000	0.020000		100.00	0.020000
53001FA	BEEF-FAT	24 COOKED-FRESH-BROILED	8F0661	0.020000	0.020000		100.00	0.020000
53001FA	BEEF-FAT	25 COOKED-FRESH-FRIED	8F0661	0.020000	0.020000		100.00	0.020000
53001KA	BEEF-KIDNEY	21 COOKED-NFS	8F0661	0.020000	0.020000		100.00	0.020000
53001LA	BEEF-LIVER	25 COOKED-FRESH-FRIED	8F0661	0.020000	0.020000		100.00	0.020000
53001LA	BEEF-LIVER	31 COOKED-FRESH OR CANNED	8F0661	0.020000	0.020000		100.00	0.020000
53001MA	BEEF-LEAN	10 RAW-FRESH OR NFS	8F0661	0.020000	0.020000		100.00	0.020000
53001MA	BEEF-LEAN	21 COOKED-NFS	8F0661	0.020000	0.020000		100.00	0.020000
53001MA	BEEF-LEAN	22 COOKED-FRESH-BAKED	8F0661	0.020000	0.020000		100.00	0.020000
53001MA	BEEF-LEAN	23 COOKED-FRESH-BOILED	8F0661	0.020000	0.020000		100.00	0.020000
53001MA	BEEF-LEAN	24 COOKED-FRESH-BROILED	8F0661	0.020000	0.020000		100.00	0.020000
53002BA	GOAT-MEAT BYP	00 NOT SPECIFIED (NO CONSUMPTION)	0F0867	0.020000	0.020000		100.00	0.020000
53002BB	GOAT-OTH ORGAN	00 NOT SPECIFIED (NO CONSUMPTION)	0F0867	0.020000	0.020000		100.00	0.020000

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 358

DATE: 09/28/87

PAGE: 7

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Dimethoate Caswell #358 CAS No. 60-51-5 A.I. CODE: 035001 CFR No. 180.204	Human CHE Study NOEL= 0.2000 mg/kg 0.00 ppm LEL= 0.4000 mg/kg 0.00 ppm ONCO: Negative- 1 species	Inhibition of blood CHE. No evidence of oncogeni- city in mice, rat study inadequate.	PADI 10 OPP RfD= 0.020000 EPA RfD= 0.020000 WHO RfD 0.002000 Type: IADI	Chronic feeding- rat Chronic feeding- dog Teratology- rabbit	TOX complete 8/29/86. ORD verified 9/29/86. TOX reassess 3/06/87. ORD verified 3/18/87. WHO last reviewed 1984.

FOOD CODE	FOOD	FOOD FORM	PET. #	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
53002FA	GOAT-FAT	23 COOKED-FRESH-BOILED	0F0867	0.020000	0.020000		100.00	0.020000
53002FA	GOAT-FAT	25 COOKED-FRESH-FRIED	0F0867	0.020000	0.020000		100.00	0.020000
53002KA	GOAT-KIDNEY	00 NOT SPECIFIED (NO CONSUMPTION)	0F0867	0.020000	0.020000		100.00	0.020000
53002LA	GOAT-LIVER	00 NOT SPECIFIED (NO CONSUMPTION)	0F0867	0.020000	0.020000		100.00	0.020000
53002MA	GOAT-LEAN	23 COOKED-FRESH-BOILED	0F0867	0.020000	0.020000		100.00	0.020000
53002MA	GOAT-LEAN	25 COOKED-FRESH-FRIED	0F0867	0.020000	0.020000		100.00	0.020000
53003AA	HORSE	00 NOT SPECIFIED (NO CONSUMPTION)	0F0867	0.020000	0.020000		100.00	0.020000
53005BA	SHEEP-MEAT BYP	21 COOKED-NFS	0F0867	0.020000	0.020000		100.00	0.020000
53005BB	SHEEP-OTH ORGAN	21 COOKED-NFS	0F0867	0.020000	0.020000		100.00	0.020000
53005FA	SHEEP-FAT	21 COOKED-NFS	0F0867	0.020000	0.020000		100.00	0.020000
53005LA	SHEEP-KIDNEY	00 NOT SPECIFIED (NO CONSUMPTION)	0F0867	0.020000	0.020000		100.00	0.020000
53005MA	SHEEP-LEAN	21 COOKED-NFS	0F0867	0.020000	0.020000		100.00	0.020000
53005MA	SHEEP-LEAN	31 COOKED-FRESH OR CANNED	0F0867	0.020000	0.020000		100.00	0.020000
53005BA	PORK-MEAT BYP	21 COOKED-NFS	0F0867	0.020000	0.020000		100.00	0.020000
53006BA	PORK-OTH ORGAN	21 COOKED-NFS	0F0867	0.020000	0.020000		100.00	0.020000
53006BB	PORK-OTH ORGAN	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	0F0867	0.020000	0.020000		100.00	0.020000
53006FA	PORK-FAT	10 RAW-FRESH OR NFS	0F0867	0.020000	0.020000		100.00	0.020000
53006FA	PORK-FAT	21 COOKED-NFS	0F0867	0.020000	0.020000		100.00	0.020000
53006FA	PORK-FAT	23 COOKED-FRESH-BOILED	0F0867	0.020000	0.020000		100.00	0.020000
53006FA	PORK-FAT	25 COOKED-FRESH-FRIED	0F0867	0.020000	0.020000		100.00	0.020000
53006KA	PORK-KIDNEY	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	0F0867	0.020000	0.020000		100.00	0.020000
53006LA	PORK-LIVER	21 COOKED-NFS	0F0867	0.020000	0.020000		100.00	0.020000
53006LA	PORK-LIVER	25 COOKED-FRESH-FRIED	0F0867	0.020000	0.020000		100.00	0.020000
53006MA	PORK-LEAN	21 COOKED-NFS	0F0867	0.020000	0.020000		100.00	0.020000
53006MA	PORK-LEAN	25 COOKED-FRESH-FRIED	0F0867	0.020000	0.020000		100.00	0.020000
53006MA	PORK-LEAN	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	0F0928	0.020000	0.020000		100.00	0.020000
53008BA	TURKEY-BYP	21 COOKED-NFS	0F0928	0.020000	0.020000		100.00	0.020000
53008BA	TURKEY-BYP	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	0F0928	0.020000	0.020000		100.00	0.020000
53008LA	TURKEY ORGAN	21 COOKED-NFS	0F0928	0.020000	0.020000		100.00	0.020000
53008LA	TURKEY ORGAN	25 COOKED-FRESH-FRIED	0F0928	0.020000	0.020000		100.00	0.020000
53008MA	TURKEY W/O SKIN	31 COOKED-FRESH OR CANNED	0F0928	0.020000	0.020000		100.00	0.020000
53008MA	TURKEY W/O SKIN	62 COOKED-FRESH OR FROZEN-BAKED	0F0928	0.020000	0.020000		100.00	0.020000
53008MB	TURKEY+SKIN	21 COOKED-NFS	0F0928	0.020000	0.020000		100.00	0.020000
53008MC	TURKEY+SKIN	21 COOKED-FRESH-FRIED	0F0928	0.020000	0.020000		100.00	0.020000
53008MC	TURKEY+SKIN	25 COOKED-FRESH-FRIED	0F0928	0.020000	0.020000		100.00	0.020000
53013BA	POULTRY, OT-H- BYP	00 NOT SPECIFIED (NO CONSUMPTION)	0F0928	0.020000	0.020000		100.00	0.020000
53013LA	POULTRY, ORGAN	25 COOKED-FRESH-FRIED	0F0928	0.020000	0.020000		100.00	0.020000

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 358

DATE: 09/28/87

PAGE: 8

CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
Dimethoate	Caswell #358	Human Che Study	NOEL= 0.2000 mg/kg	Inhibition of blood Che.	PADI 10	OPP Rfd= 0.020000	Chronic feeding- rat	TOX complete 8/29/86.			
CAS No. 60-51-5			0.00 ppm	No evidence of oncogeni-		EPA Rfd= 0.020000	city in mice, rat study	ORD verified 9/29/86.			
A.I. CODE: 035001			LEL= 0.4000 mg/kg			WHO Rfd 0.002000	Teratology- rabbit	TOX reassess 3/06/87.			
CFR No. 180.204			0.00 ppm	inadequate.		Type: TADI		ORD verified 3/18/87.			
		ONCO: Negative- 1 species						WHO last reviewed 1984.			

FOOD CODE	FOOD	FOOD FORM	PET. #	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
55013MA	POULTRY, OTHER	21 COOKED-NFS	0F0928	0.020000	0.020000		100.00	0.020000
55014AA	EGGS-WHOLE	10 RAW-FRESH OR NFS	0F0928	0.020000	0.020000		100.00	0.020000
55014AA	EGGS-WHOLE	21 COOKED-NFS	0F0928	0.020000	0.020000		100.00	0.020000
55014AA	EGGS-WHOLE	22 COOKED-FRESH-BAKED	0F0928	0.020000	0.020000		100.00	0.020000
55014AA	EGGS-WHOLE	23 COOKED-FRESH-BOILED	0F0928	0.020000	0.020000		100.00	0.020000
55014AA	EGGS-WHOLE	25 COOKED-FRESH-FRIED	0F0928	0.020000	0.020000		100.00	0.020000
55014AB	EGGS-WHITE ONLY	10 RAW-FRESH OR NFS	0F0928	0.020000	0.020000		100.00	0.020000
55014AB	EGGS-WHITE ONLY	21 COOKED-NFS	0F0928	0.020000	0.020000		100.00	0.020000
55014AB	EGGS-WHITE ONLY	22 COOKED-FRESH-BAKED	0F0928	0.020000	0.020000		100.00	0.020000
55014AB	EGGS-WHITE ONLY	62 COOKED-FRESH OR FROZEN-BAKED	0F0928	0.020000	0.020000		100.00	0.020000
55014AB	EGGS-YOLK ONLY	10 RAW-FRESH OR NFS	0F0928	0.020000	0.020000		100.00	0.020000
55014AC	EGGS-YOLK ONLY	21 COOKED-NFS	0F0928	0.020000	0.020000		100.00	0.020000
55014AC	EGGS-YOLK ONLY	25 COOKED-FRESH-FRIED	0F0928	0.020000	0.020000		100.00	0.020000
55014AC	EGGS-YOLK ONLY	31 COOKED-FRESH OR CANNED	0F0928	0.020000	0.020000		100.00	0.020000
55015BA	CHICKEN-BYP	00 NOT SPECIFIED (NO CONSUMPTION)	0F0928	0.020000	0.020000		100.00	0.020000
55015LA	CHICKEN-ORGAN	21 COOKED-NFS	0F0928	0.020000	0.020000		100.00	0.020000
55015LA	CHICKEN-ORGAN	25 COOKED-FRESH-FRIED	0F0928	0.020000	0.020000		100.00	0.020000
55015LA	CHICKEN-ORGAN	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	0F0928	0.020000	0.020000		100.00	0.020000
55015MA	CHICKEN-W/O SKIN	21 COOKED-NFS	0F0928	0.020000	0.020000		100.00	0.020000
55015MA	CHICKEN-W/O SKIN	22 COOKED-FRESH-BAKED	0F0928	0.020000	0.020000		100.00	0.020000
55015MA	CHICKEN-W/O SKIN	25 COOKED-FRESH-FRIED	0F0928	0.020000	0.020000		100.00	0.020000
55015MA	CHICKEN-W/O SKIN	31 COOKED-FRESH OR CANNED	0F0928	0.020000	0.020000		100.00	0.020000
55015MB	CHICKEN+SKIN	21 COOKED-NFS	0F0928	0.020000	0.020000		100.00	0.020000
55015MB	CHICKEN+SKIN	25 COOKED-FRESH-FRIED	0F0928	0.020000	0.020000		100.00	0.020000