6-29-95

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

OFFICE OF
PREVENTION, PESTICIDES, AND
TOXIC SUBSTANCES

JUN 29 1995

MEMORANDUM

SUBJECT: **IPRODIONE**: Further Information regarding Upper Bound Carcinogenic and Acute Dietary Exposure and Risk Estimates.

FROM: Jennifer M. Wintersteen
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Jennifer M. Wintersteen

TO: Vivian Prunier, Chemical Manager
Special Review Branch
Special Review and Reregistration Division
and
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Special Review Section
RCAB/HED

THROUGH: Elizabeth A. Doyle, Ph.D., Section Head
Dietary Risk Evaluation Section
Science Analysis Branch/Health Effects Division

E.A. Doyle

W.J. Burns

Action Requested

Special Review Branch of SRRD has requested revised DRES analyses for iprodione which include refined residue information as provided by Chemistry Branch Reregistration Support (CBRS) in a John Abbotts memo dated 5/1/95. Also, SRB has requested help in the identification of commodities driving the dietary risk estimates, where possible.

Discussion

Toxicological Endpoint

The HED Cancer Peer Review Committee met in 1994 and determined that iprodione should be classified as a group B2 carcinogen (probable human carcinogen) (E. Rinde and L. Taylor memo 7/27/94). Calculations of Q_1^*s for both mice and rats are found in a B. Fisher memo, 7/19/94. The Q_1^* from the rat study used in the risk analysis was based upon interstitial cell benign tumor rates and was calculated to be 0.0439 $(mg/kg/day)^{-1}$. The 3/4 interspecies scaling factor was used to determine human equivalence of the unit risk derived from the animal study.

The Toxicology Endpoint Selection Document recommends that an acute dietary risk analysis be conducted for iprodione. A NOEL of 60 mg/kg/day from a rabbit developmental toxicity study was chosen as the endpoint for acute risk

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assessment. The LEL in the rabbit study was 200 mg/kg/day based upon abortions and skeletal variations (L. Taylor personal communication, 4/4/95).

Residue Information

The raw agricultural commodities which are being considered in the carcinogenic and acute dietary analyses are the published tolerances in 40 CFR §180.399 and 185.3750. Pending tolerances on celery and cottonseed have not been considered in the carcinogenic or acute analyses.

For upper bound carcinogenic risk CBRS provided specific anticipated residues for this analysis (J. Abbotts memo, 5/1/95). In the same memo some residues for the acute analysis were also provided and used to estimate acute dietary risk. It should be noted that residues for the acute analysis were often *higher* than the tolerance for iprodione.

Information regarding percentage of site treated was supplied by BEAD in a memo by Alan Halverson dated March 1995. Most of the residues for carcinogenic risk assessment were based upon Monitoring data and further refinement of the residue is not deemed appropriate for dietary risk analyses. The only commodities which were refined with percent of crop treated estimates were based upon field trial data or tolerances, namely, peanuts (3%), rice (8%), almonds (56%) and chinese mustard.

The tolerance for chinese mustard is a regional tolerance in Florida only. Specific data on chinese mustard was not available in agricultural data surveys, according to BEAD. In order to estimate a more accurate usage of iprodione on chinese mustard the highest leafy vegetable percent site usage, lettuce (19%), was double and rounded up to give an estimate of 40% crop treated for chinese mustard. This value is also supported by the draft BEAD document by Ed Brandt regarding percent of crop treated estimates. Upper bound estimates for fungicides in general on leafy vegetables was 37% as a maximum percent of crop treated for 1991. The maximum for this crop group for 1992 was 31% and 16% for 1990. DRES believes this estimate of site usage to be an upper bound and conservative estimate for this regional use.

A summary of the residue information used in the carcinogenic analysis is attached as Table 1. A summary of the commodity contribution for the upper bound carcinogenic analysis is attached as Table 2. A summary of the residues used in the acute analysis is attached as Table 3.

Exposure Analysis

Chronic Exposure

See chronic risk estimates in attached memo for iprodione on cottonseed.

Upper Bound Carcinogenic Exposure

The upper bound carcinogenic risk from food uses of iprodione for the general U.S. population was calculated using the following equation:

$$\text{Upper Bound Cancer Risk} = \text{Dietary Exposure (ARC)} \times Q_1^*$$

Based on a Q_1^* of 0.0439 $(mg/kg/day)^{-1}$, the upper bound cancer risk was calculated to be 1.3×10^{-5} contributed through all the published uses for iprodione. The overall upper bound risk appears to be above the range the Agency generally considers negligible for excess life time cancer risk. A summary of the commodity contribution by raw agricultural commodity (RAC) for the overall U.S. population subgroup is attached as Table 2.

The following table lists some of the commodities which are driving the carcinogenic risk for iprodione. When the commodities in the table below are not considered in the risk estimate the total risk from iprodione is lowered to 2.3×10^{-6}.

Commodity	Source of AR	Percent of Crop Treated	Upper Bound Cancer Risk
Grapes[1]	Monitor + Proc	N/A	3.5×10^{-6}
Peaches	Monitor	N/A	2.3×10^{-6}
Milk	Feeding study	N/A	3.5×10^{-6}
Chinese Mustard	Tolerance (regional tolerance in FL)	40%	1.2×10^{-6}

N/A = Since residues were derived from monitoring data for risk analysis any modification of per cent of crop treated is "not applicable" for these commodities. For milk the dietary burden calculation takes per cent of crop treated into consideration already for the foods in the theoretical cattle diet.

Acute Exposure

The DRES detailed acute exposure analysis evaluates individual food consumption as reported by respondents in the USDA 77-78 Nationwide Food Consumption Survey (NFCS) and estimates the distribution of single day exposures through the diet for the U.S. population and certain subgroups. The analysis assumes uniform distribution of iprodione in the commodity supply. Since the toxicological effect to which high end exposure is being compared in this analysis is developmental toxicity, the DRES subgroup of concern is females (13+ years) which approximates women of child-bearing age.

The Margin of Exposure (MOE) is a measure of how closely the high end exposure comes to the NOEL, and is calculated as the ratio of the NOEL to the exposure (NOEL/exposure = MOE). The Agency is not generally concerned unless

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[1] Includes risk from fresh grapes, grape juice, raisins and wine and sherry. Most of the risk is coming from the exposure from wine and sherry (3.1×10^{-6}).

the MOE is below 100 when the NOEL is taken from an animal study, as in this analysis.

In the analysis, tolerance level residues and some acute anticipated residues, many of which were significantly *higher* than the tolerance, were used in the analysis. The acute ARs were based upon processing or concentration factors. When residues were provided for a commodity which has a default DRES concentration factor such as juices this factor was turned off for the analysis. These residues and food consumption data were used to calculate the exposure of the highest exposed individual for the females (13+ years) subgroup. High end exposure was compared to the developmental NOEL of 60 mg/kg bwt/day from the rabbit study to get a high end Margin of Exposure. The MOE for females was calculated in the attached Table 4 and the results are as follows:

Females (13+ years) High End Exposure = 0.6 mg/kg/day

Margin of Exposure = NOEL/Exposure
= 60 mg/kg/day ÷ 0.6 mg/kg/day = 100

Using the given endpoint, the MOE is not of concern for the subgroup females (13+ years) with an estimated MOE of 100.

Risk Assessment

The chronic and acute dietary risk from iprodione seem to be minimal with the most concern for the carcinogenicity estimate.

Using a non-threshold model of carcinogenicity, the upper bound carcinogenic risk estimate exceeds the level the Agency generally considers negligible. Anticipated residues from Monitoring data and field trial data have been included in the analysis from 1995 CBRS recommendations. Information on the percent of crop treated was only incorporated into the carcinogenic risk estimates when this data was available and when the residues were based upon field trials or tolerances.

The HED Cancer Peer Review Committee concluded that iprodione is similar in structure to procymidone (B2 carcinogen) and vinclozolin. Both procymidone and vinclozolin are associated with testicular tumors in the rat and liver tumors in the mouse. The toxicology data supporting the cancer grouping, therefore, seems strong.

No pending uses were considered in any of the DRES analyses. DRES has concern over the upper bound estimate of carcinogenic risk for iprodione from currently published uses.

Attachments

cc: DRES, Tox II (L. Taylor), CBRS (J. Abbotts), Caswell #470A

Table 1.

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 470A DATE: 06/27/95 PAGE: 1

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Iprodione (Glycophene) Caswell #470A CAS No. 36734-19-7 A.I. CODE: 109801 CFR No. 180.399 185.3750	2yr feeding- rat NOEL= 6.1000 mg/kg 150.00 ppm LEL= 12.4000 mg/kg 300.00 ppm ONCO: B2 (HCPRC)	Enlargement of the cells of the zona glomerulosa in M&F. Referred to HED Carcinogenicity Peer Review Comm.	ADI UF -->100 OPP RfD= 0.060000 EPA RfD= 0.040000 Q*: 0.04390	No data gaps.	WHO reviewed 1977 HED reviewed 12/19/86 EPA verified 07/15/87 WHO reviewed 1992 RfD/PR reviewed 02/10/94 On IRIS.

FOOD CODE	FOOD	FOOD FORM	PET.#		TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
01002AA	BLACKBERRIES	10 RAW-FRESH OR NFS	7F3542	P	25.000000	0.361000	Monitor data	100.00	0.361000
01002AA	BLACKBERRIES	21 COOKED-NFS	7F3542	P	25.000000	0.361000	Monitor data	100.00	0.361000
01002AA	BLACKBERRIES	62 COOKED-FRESH OR FROZEN-BAKED	7F3542	P	25.000000	0.361000	Monitor data	100.00	0.361000
01003AA	BOYSENBERRIES	10 RAW-FRESH OR NFS	7F3542	P	25.000000	0.198000	Monitor data	100.00	0.198000
01004AA	DEWBERRIES	00 NOT SPECIFIED	7F3542	P	25.000000	0.198000	Monitor data	100.00	0.198000
01005AA	LOGANBERRIES	00 NOT SPECIFIED	7F3542	P	25.000000	0.198000	Monitor data	100.00	0.198000
01006AA	RASPBERRIES	10 RAW-FRESH OR NFS	7F3542	P	25.000000	0.198000	Monitor data	100.00	0.198000
01006AA	RASPBERRIES	15 RAW-FRESH OR CANNED	7F3542	P	25.000000	0.198000	Monitor data	100.00	0.198000
01006AA	RASPBERRIES	31 COOKED-FRESH OR CANNED	7F3542	P	25.000000	0.198000	Monitor data	100.00	0.198000
01006AA	RASPBERRIES	62 COOKED-FRESH OR FROZEN-BAKED	7F3542	P	25.000000	0.198000	Monitor data	100.00	0.198000
01006AA	RASPBERRIES	70 RAW-FROZEN	7F3542	P	25.000000	0.198000	Monitor data	100.00	0.198000
01007AA	YOUNGBERRIES	00 NOT SPECIFIED	7F3542	P	25.000000	0.198000	Monitor data	100.00	0.198000
01009AA	BLUEBERRIES	10 RAW-FRESH OR NFS	5E3214	P	15.000000	0.023000	Monitor data	100.00	0.023000
01009AA	BLUEBERRIES	21 COOKED-NFS	5E3214	P	15.000000	0.023000	Monitor data	100.00	0.023000
01009AA	BLUEBERRIES	22 COOKED-FRESH-BAKED	5E3214	P	15.000000	0.023000	Monitor data	100.00	0.023000
01009AA	BLUEBERRIES	62 COOKED-FRESH OR FROZEN-BAKED	5E3214	P	15.000000	0.023000	Monitor data	100.00	0.023000
01011AA	CURRANTS	10 RAW-FRESH OR NFS	5E3214	P	15.000000	0.198000	Monitor data	100.00	0.198000
01011AA	CURRANTS	21 COOKED-NFS	5E3214	P	15.000000	0.198000	Monitor data	100.00	0.198000
01011AA	CURRANTS	22 COOKED-FRESH-BAKED	5E3214	P	15.000000	0.198000	Monitor data	100.00	0.198000
01014AA	GRAPES-FRESH	10 RAW-FRESH OR NFS	3F2964	P	10.000000	0.054000	Monitor data	100.00	0.054000
01014AA	GRAPES-FRESH	21 COOKED-NFS	3F2964	P	10.000000	0.054000	Monitor data	100.00	0.054000
01014AA	GRAPES-FRESH	31 COOKED-FRESH OR CANNED	3F2964	P	10.000000	0.054000	Monitor data	100.00	0.054000
01014DA	GRAPES-RAISINS	10 RAW-FRESH OR NFS	4H5415	P	50.000000	0.243000C	Monitor + Proc	100.00	0.243000
01014DA	GRAPES-RAISINS	21 COOKED-NFS	4H5415	P	50.000000	0.243000C	Monitor + Proc	100.00	0.243000
01014DA	GRAPES-RAISINS	22 COOKED-FRESH-BAKED	4H5415	P	50.000000	0.243000C	Monitor + Proc	100.00	0.243000
01014JA	GRAPES-JUICE	10 RAW-FRESH OR NFS	3F2964	P	10.000000	0.054000C	Monitor + Proc	100.00	0.054000
01014JA	GRAPES-JUICE	15 RAW-FRESH OR CANNED	3F2964	P	10.000000	0.054000C	Monitor + Proc	100.00	0.054000
01014JA	GRAPES-JUICE	21 COOKED-NFS	3F2964	P	10.000000	0.054000C	Monitor + Proc	100.00	0.054000
01016AA	STRAWBERRIES	10 RAW-FRESH OR NFS	7F3510	P	15.000000	0.266000	Monitor data	100.00	0.266000
01016AA	STRAWBERRIES	21 COOKED-NFS	7F3510	P	15.000000	0.266000	Monitor data	100.00	0.266000
01016AA	STRAWBERRIES	70 RAW-FROZEN	7F3510	P	15.000000	0.266000	Monitor data	100.00	0.266000
03001AA	ALMONDS	10 RAW-FRESH OR NFS	5F3241	P	0.300000	0.100000	Field Trial	56.00	0.056000
03001AA	ALMONDS	21 COOKED-NFS	5F3241	P	0.300000	0.100000	Field Trial	56.00	0.056000
03001AA	ALMONDS	22 COOKED-FRESH-BAKED	5F3241	P	0.300000	0.100000	Field Trial	56.00	0.056000
05001AA	APRICOTS-FRESH	10 RAW-FRESH OR NFS	3F2810	P	20.000000	0.041000	Monitor data	100.00	0.041000
05001AA	APRICOTS-FRESH	21 COOKED-NFS	3F2810	P	20.000000	0.041000	Monitor data	100.00	0.041000
05001AA	APRICOTS-FRESH	31 COOKED-FRESH OR CANNED	3F2810	P	20.000000	0.041000	Monitor data	100.00	0.041000
05001DA	APRICOTS-DRIED	10 RAW-FRESH OR NFS	3F2810	P	20.000000	0.230000C	Monitor + Conc	100.00	0.230000
05001DA	APRICOTS-DRIED	22 COOKED-FRESH-BAKED	3F2810	P	20.000000	0.230000C	Monitor + Conc	100.00	0.230000
05002AA	CHERRIES-FRESH	10 RAW-FRESH OR NFS	2F2596	P	20.000000	0.340000	Monitor data	100.00	0.340000

Table 1.

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Iprodione (Glycophene) Caswell #470A CAS No. 36734-19-7 A.I. CODE: 109801 CFR No. 180.399 185.3750	2yr feeding- rat NOEL= 6.1000 mg/kg 150.00 ppm LEL= 12.4000 mg/kg 300.00 ppm ONCO: B2 (HCPRC)	Enlargement of the cells of the zona glomerulosa in M&F. Referred to HED Carcinogenicity Peer Review Comm.	ADI UF -->100 OPP RfD= 0.060000 EPA RfD= 0.040000 Q*: 0.04390	No data gaps.	WHO reviewed 1977 HED reviewed 12/19/86 EPA verified 07/15/87 WHO reviewed 1992 RfD/PR reviewed 02/10/94 On IRIS.

FOOD CODE	FOOD	FOOD FORM	PET.#		TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
05002AA	CHERRIES-FRESH	21 COOKED-NFS	2F2596	P	20.000000	0.340000	Monitor data	100.00	0.340000
05002AA	CHERRIES-FRESH	31 COOKED-FRESH OR CANNED	2F2596	P	20.000000	0.340000	Monitor data	100.00	0.340000
05002AA	CHERRIES-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	2F2596	P	20.000000	0.340000	Monitor data	100.00	0.340000
05002DA	CHERRIES-DRIED	00 NOT SPECIFIED	2F2596	P	20.000000	2.070000C	Monitor + Conc	100.00	2.070000
05002JA	CHERRIES-JUICE	15 RAW-FRESH OR CANNED	2F2596	P	20.000000	0.340000C	Monitor + Proc	100.00	0.340000
05002JA	CHERRIES-JUICE	21 COOKED-NFS	2F2596	P	20.000000	0.340000C	Monitor + Proc	100.00	0.340000
05003AA	NECTARINES	10 RAW-FRESH OR NFS	2F2596	P	20.000000	0.220000	Monitor data	100.00	0.220000
05004AA	PEACHES-FRESH	10 RAW-FRESH OR NFS	2F2596	P	20.000000	0.245000	Monitor data	100.00	0.245000
05004AA	PEACHES-FRESH	21 COOKED-NFS	2F2596	P	20.000000	0.245000	Monitor data	100.00	0.245000
05004AA	PEACHES-FRESH	31 COOKED-FRESH OR CANNED	2F2596	P	20.000000	0.245000	Monitor data	100.00	0.245000
05004AA	PEACHES-FRESH	51 COOKED-CANNED	2F2596	P	20.000000	0.245000	Monitor data	100.00	0.245000
05004DA	PEACHES-DRIED	10 RAW-FRESH OR NFS	2F2596	P	20.000000	1.670000C	Monitor + Conc	100.00	1.670000
05004DA	PEACHES-DRIED	21 COOKED-NFS	2F2596	P	20.000000	1.670000C	Monitor + Conc	100.00	1.670000
05005AA	PLUMS-FRESH	10 RAW-FRESH OR NFS	3F2810	P	20.000000	0.069000	Monitor data	100.00	0.069000
05005AA	PLUMS-FRESH	31 COOKED-FRESH OR CANNED	3F2810	P	20.000000	0.069000	Monitor data	100.00	0.069000
05005DA	PLUMS-PRUNES	10 RAW-FRESH OR NFS	3F2810	P	20.000000	0.276000C	Monitor + Proc	100.00	0.276000
05005DA	PLUMS-PRUNES	21 COOKED-NFS	3F2810	P	20.000000	0.276000C	Monitor + Proc	100.00	0.276000
05005DA	PLUMS-PRUNES	31 COOKED-FRESH OR CANNED	3F2810	P	20.000000	0.276000C	Monitor + Proc	100.00	0.276000
05005JA	PRUNE-JUICE	10 RAW-FRESH OR NFS	3F2810	P	20.000000	0.276000C	Monitor + Proc	100.00	0.276000
05005JA	PRUNE-JUICE	62 COOKED-FRESH OR FROZEN-BAKED	3F2810	P	20.000000	0.276000C	Monitor + Proc	100.00	0.276000
06018AA	KIWI	10 RAW-FRESH OR NFS	2F2596	P	10.000000	0.180000	Monitor data	100.00	0.180000
13005AA	BROCCOLI	21 COOKED-NFS	6F3305	P	25.000000	0.001600	Monitor data	100.00	0.001600
13005AA	BROCCOLI	31 COOKED-FRESH OR CANNED	6F3305	P	25.000000	0.001600	Monitor data	100.00	0.001600
13005AA	BROCCOLI	63 COOKED-FRESH OR FROZEN-BOILED	6F3305	P	25.000000	0.001600	Monitor data	100.00	0.001600
13010AA	CABBAGE-CHINESE	10 RAW-FRESH OR NFS	9E3790	P	15.000000	15.000000	Regional Tol-FL	40.00	6.000000
13010AA	CABBAGE-CHINESE	21 COOKED-NFS	9E3790	P	15.000000	15.000000	Regional Tol-FL	40.00	6.000000
13013AA	LETTUCE-LEAFY	10 RAW-FRESH OR NFS	7F3481	P	25.000000	0.040000	Monitor data	100.00	0.040000
13020AA	LETTUCE-UNSPEC	10 RAW-FRESH OR NFS	7F3554	P	25.000000	0.040000	Monitor data	100.00	0.040000
13045AA	LETTUCE-HEAD	10 RAW-FRESH OR NFS	3F2840	P	25.000000	0.004800	Monitor data	100.00	0.004800
13045AA	LETTUCE-HEAD	21 COOKED-NFS	3F2840	P	25.000000	0.004800	Monitor data	100.00	0.004800
14003AA	CARROTS	10 RAW-FRESH OR NFS	7E3474	P	5.000000	0.021000	Monitor data	100.00	0.021000
14003AA	CARROTS	21 COOKED-NFS	7E3474	P	5.000000	0.021000	Monitor data	100.00	0.021000
14003AA	CARROTS	23 COOKED-FRESH-BOILED	7E3474	P	5.000000	0.021000	Monitor data	100.00	0.021000
14003AA	CARROTS	31 COOKED-FRESH OR CANNED	7E3474	P	5.000000	0.021000	Monitor data	100.00	0.021000
14003AA	CARROTS	51 COOKED-CANNED	7E3474	P	5.000000	0.021000	Monitor data	100.00	0.021000
14007AA	GARLIC	10 RAW-FRESH OR NFS	3F2841	P	0.100000	0.008800	Monitor data	100.00	0.008800
14007AA	GARLIC	21 COOKED-NFS	3F2841	P	0.100000	0.008800	Monitor data	100.00	0.008800
14007AA	GARLIC	32 COOKED-FRESH OR CANNED-BAKED	3F2841	P	0.100000	0.008800	Monitor data	100.00	0.008800
14011AA	ONIONS-DRY-BULB	10 RAW-FRESH OR NFS	4F3111	P	0.500000	0.008800	Monitor data	100.00	0.008800
14011AA	ONIONS-DRY-BULB	21 COOKED-NFS	4F3111	P	0.500000	0.008800	Monitor data	100.00	0.008800

Table 1.

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 470A DATE: 06/27/95 PAGE: 3

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Iprodione (Glycophene) Caswell #470A CAS No. 36734-19-7 A.I. CODE: 109801 CFR No. 180.399 185.3750	2yr feeding- rat NOEL= 6.1000 mg/kg 150.00 ppm LEL= 12.4000 mg/kg 300.00 ppm ONCO: B2 (HCPRC)	Enlargement of the cells of the zona glomerulosa in M&F. Referred to HED Carcinogenicity Peer Review Comm.	ADI UF -->100 OPP RfD= 0.060000 EPA RfD= 0.040000 Q*: 0.04390	No data gaps.	WHO reviewed 1977 HED reviewed 12/19/86 EPA verified 07/15/87 WHO reviewed 1992 RfD/PR reviewed 02/10/94 On IRIS.

FOOD CODE	FOOD	FOOD FORM	PET.#		TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
14011AA	ONIONS-DRY-BULB	22 COOKED-FRESH-BAKED	4F3111	P	0.500000	0.008800	Monitor data	100.00	0.008800
14011AA	ONIONS-DRY-BULB	31 COOKED-FRESH OR CANNED	4F3111	P	0.500000	0.008800	Monitor data	100.00	0.008800
14011DA	ONIONS-DRIED	12 RAW-FRESH-DRIED	4F3111	P	0.500000	0.008800	Monitor data	100.00	0.008800
14013AA	POTATO(WH)-WHOLE	10 RAW-FRESH OR NFS	6F3366	P	0.500000	0.002300	Monitor data	100.00	0.002300
14013AA	POTATO(WH)-WHOLE	21 COOKED-NFS	6F3366	P	0.500000	0.002300	Monitor data	100.00	0.002300
14013AA	POTATO(WH)-WHOLE	22 COOKED-FRESH-BAKED	6F3366	P	0.500000	0.002300	Monitor data	100.00	0.002300
14013AB	POTATO(WH)-UNSPE	22 COOKED-FRESH-BAKED	6F3366	P	0.500000	0.002300	Monitor data	100.00	0.002300
14013AC	POTATO(WH)-PULP	21 COOKED-NFS	6F3366	P	0.500000	0.002300	Monitor + Proc	100.00	0.002300
14013AC	POTATO(WH)-PULP	22 COOKED-FRESH-BAKED	6F3366	P	0.500000	0.002300	Monitor + Proc	100.00	0.002300
14013AC	POTATO(WH)-PULP	23 COOKED-FRESH-BOILED	6F3366	P	0.500000	0.002300	Monitor + Proc	100.00	0.002300
14013AC	POTATO(WH)-PULP	25 COOKED-FRESH-FRIED	6F3366	P	0.500000	0.002300	Monitor + Proc	100.00	0.002300
14013DA	POTATO(WH)-DRY	10 RAW-FRESH OR NFS	6F3366	P	0.500000	0.002300	Monitor data	100.00	0.002300
14013DA	POTATO(WH)-DRY	31 COOKED-FRESH OR CANNED	6F3366	P	0.500000	0.002300	Monitor data	100.00	0.002300
14013HA	POTATO(WH)-PEEL	22 COOKED-FRESH-BAKED	6F3366	P	0.500000	0.002300	Monitor + Proc	100.00	0.002300
14017AA	SHALLOTS	00 NOT SPECIFIED	4F3111	P	0.500000	0.008800	Monitor data	100.00	0.008800
15001AA	BEANS-DRY-GRT NO	00 NOT SPECIFIED	4F3150	P	2.000000	0.000050	Monitor data	100.00	0.000050
15001AB	BEANS-DRY-KIDNEY	21 COOKED-NFS	4F3150	P	2.000000	0.000050	Monitor data	100.00	0.000050
15001AB	BEANS-DRY-KIDNEY	31 COOKED-FRESH OR CANNED	4F3150	P	2.000000	0.000050	Monitor data	100.00	0.000050
15001AC	BEANS-DRY-LIMA	21 COOKED-NFS	4F3150	P	2.000000	0.000050	Monitor data	100.00	0.000050
15001AD	BEANS-DRY-NAVY	21 COOKED-NFS	4F3150	P	2.000000	0.000050	Monitor data	100.00	0.000050
15001AD	BEANS-DRY-NAVY	31 COOKED-FRESH OR CANNED	4F3150	P	2.000000	0.000050	Monitor data	100.00	0.000050
15001AE	BEANS-DRY-OTHER	21 COOKED-NFS	4F3150	P	2.000000	0.000050	Monitor data	100.00	0.000050
15001AE	BEANS-DRY-OTHER	25 COOKED-FRESH-FRIED	4F3150	P	2.000000	0.000050	Monitor data	100.00	0.000050
15001AE	BEANS-DRY-OTHER	31 COOKED-FRESH OR CANNED	4F3150	P	2.000000	0.000050	Monitor data	100.00	0.000050
15001AF	BEANS-DRY-PINTO	21 COOKED-NFS	4F3150	P	2.000000	0.000050	Monitor data	100.00	0.000050
15002AA	BEANS-SUCC-LIMA	10 RAW-FRESH OR NFS	4F3150	P	2.000000	0.001600	Monitor data	100.00	0.001600
15002AA	BEANS-SUCC-LIMA	21 COOKED-NFS	4F3150	P	2.000000	0.001600	Monitor data	100.00	0.001600
15003AA	BEANS-SUCC-GREEN	21 COOKED-NFS	4F3150	P	2.000000	0.001600	Monitor data	100.00	0.001600
15003AB	BEANS-SUCC-OTH	10 RAW-FRESH OR NFS	4F3150	P	2.000000	0.001600	Monitor data	100.00	0.001600
15003AB	BEANS-SUCC-OTH	21 COOKED-NFS	4F3150	P	2.000000	0.001600	Monitor data	100.00	0.001600
15003AC	BEANS-SUCC-WAX	21 COOKED-NFS	4F3150	P	2.000000	0.001600	Monitor data	100.00	0.001600
15006AA	PEANUTS-WHOLE	10 RAW-FRESH OR NFS	4F3129	P	0.500000	0.075000	Field Trial	3.00	0.002250
15006AA	PEANUTS-WHOLE	21 COOKED-NFS	4F3129	P	0.500000	0.075000	Field Trial	3.00	0.002250
15006AA	PEANUTS-WHOLE	22 COOKED-FRESH-BAKED	4F3129	P	0.500000	0.075000	Field Trial	3.00	0.002250
15013AA	MUNG BEANS	10 RAW-FRESH OR NFS	4F3150	P	2.000000	0.001600	Monitor data	100.00	0.001600
15013AA	MUNG BEANS	21 COOKED-NFS	4F3150	P	2.000000	0.001600	Monitor data	100.00	0.001600
15022AA	BEANS-DRY-BROAD	00 NOT SPECIFIED	4F3150	P	2.000000	0.000050	Monitor data	100.00	0.000050
15022AB	BEANS-SUCC-BROAD	00 NOT SPECIFIED	4F3150	P	2.000000	0.001600	Monitor data	100.00	0.001600
15023AA	BEANS-DRY-PIGEON	21 COOKED-NFS	4F3150	P	2.000000	0.000050	Monitor data	100.00	0.000050
15027AA	BEANS-UNSPEC	21 COOKED-NFS	4F3150	P	2.000000	0.001600	Monitor data	100.00	0.001600

Table 1.

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 470A DATE: 06/27/95 PAGE: 4

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Iprodione (Glycophene) Caswell #470A CAS No. 36734-19-7 A.I. CODE: 109801 CFR No. 180.399 185.3750	2yr feeding- rat NOEL= 6.1000 mg/kg 150.00 ppm LEL= 12.4000 mg/kg 300.00 ppm ONCO: B2 (HCPRC)	Enlargement of the cells of the zona glomerulosa in M&F. Referred to HED Carcinogenicity Peer Review Comm.	ADI UF -->100 OPP RfD= 0.060000 EPA RfD= 0.040000 Q*: 0.04390	No data gaps.	WHO reviewed 1977 HED reviewed 12/19/86 EPA verified 07/15/87 WHO reviewed 1992 RfD/PR reviewed 02/10/94 On IRIS.

FOOD CODE	FOOD	FOOD FORM	PET.#		TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
15030AA	BEANS-DRY-HYAC	00 NOT SPECIFIED	4F3150	P	2.000000	0.000050	Monitor data	100.00	0.000050
15030AB	BEANS-SUCC-HYAC	00 NOT SPECIFIED	4F3150	P	2.000000	0.001600	Monitor data	100.00	0.001600
15031AA	BLKEYE PEAS-DRY	21 COOKED-NFS	4F3150	P	2.000000	0.000050	Monitor data	100.00	0.000050
15032AA	BEANS-DRY	21 COOKED-NFS	4F3150	P	2.000000	0.000050	Monitor data	100.00	0.000050
15032AA	BEANS-DRY	31 COOKED-FRESH OR CANNED	4F3150	P	2.000000	0.000050	Monitor data	100.00	0.000050
24004AA	RICE-ROUGH	21 COOKED-NFS	6F3443	P	10.000000	0.570000	Field Trial	8.00	0.045600
24004AA	RICE-ROUGH	23 COOKED-FRESH-BOILED	6F3443	P	10.000000	0.570000	Field Trial	8.00	0.045600
24004AA	RICE-ROUGH	23 COOKED-FRESH-BOILED	6F3443	P	10.000000	0.570000	Field Trial	8.00	0.045600
24004AB	RICE-MILLED	21 COOKED-NFS	6F3443	P	10.000000	0.063000	Field + Proc	8.00	0.005040
24004AB	RICE-MILLED	22 COOKED-FRESH-BAKED	6F3443	P	10.000000	0.063000	Field + Proc	8.00	0.005040
24004AB	RICE-MILLED	23 COOKED-FRESH-BOILED	6F3443	P	10.000000	0.063000	Field + Proc	8.00	0.005040
24004AB	RICE-MILLED	31 COOKED-FRESH OR CANNED	6F3443	P	10.000000	0.063000	Field + Proc	8.00	0.005040
27007OA	PEANUTS-OIL	18 PROCESSED OIL	4F3129	P	0.050000	0.012000	Field + Proc	3.00	0.000360
43058AA	WINE AND SHERRY	10 RAW-FRESH OR NFS	3F2964	P	10.000000	0.830000	Monitor data	100.00	0.830000
43058AA	WINE AND SHERRY	21 COOKED-NFS	3F2964	P	10.000000	0.830000	Monitor data	100.00	0.830000
50000DB	MILK-NON-FAT SOL	10 RAW-FRESH OR NFS	4F3129	P	0.500000	0.007300	Feeding stdy	100.00	0.007300
50000DB	MILK-NON-FAT SOL	21 COOKED-NFS	4F3129	P	0.500000	0.007300	Feeding stdy	100.00	0.007300
50000DB	MILK-NON-FAT SOL	51 COOKED-CANNED	4F3129	P	0.500000	0.007300	Feeding stdy	100.00	0.007300
50000FA	MILK-FAT SOLIDS	10 RAW-FRESH OR NFS	4F3129	P	0.500000	0.007300	Feeding stdy	100.00	0.007300
50000FA	MILK-FAT SOLIDS	21 COOKED-NFS	4F3129	P	0.500000	0.007300	Feeding stdy	100.00	0.007300
50000FA	MILK-FAT SOLIDS	51 COOKED-CANNED	4F3129	P	0.500000	0.007300	Feeding stdy	100.00	0.007300
50000SA	MILK SUG (LACT)	21 COOKED-NFS	4F3129	P	0.500000	0.007300	Feeding stdy	100.00	0.007300
50000SA	MILK SUG (LACT)	51 COOKED-CANNED	4F3129	P	0.500000	0.007300	Feeding stdy	100.00	0.007300
53001BA	BEEF-MEAT BYP	21 COOKED-NFS	4F3129	P	0.500000	0.000870	Feeding stdy	100.00	0.000870
53001BA	BEEF-MEAT BYP	26 COOKED-FRESH-PICKLED,CORNED,OR CURED	4F3129	P	0.500000	0.000870	Feeding stdy	100.00	0.000870
53001BB	BEEF-OTH ORGAN	21 COOKED-NFS	4F3129	P	0.500000	0.009900	Feeding stdy	100.00	0.009900
53001BB	BEEF-OTH ORGAN	51 COOKED-CANNED	4F3129	P	0.500000	0.009900	Feeding stdy	100.00	0.009900
53001DA	BEEF-DRIED	21 COOKED-NFS	4F3129	P	0.500000	0.000870	Feeding stdy	100.00	0.000870
53001FA	BEEF-FAT	10 RAW-FRESH OR NFS	4F3129	P	0.500000	0.002600	Feeding stdy	100.00	0.002600
53001FA	BEEF-FAT	21 COOKED-NFS	4F3129	P	0.500000	0.002600	Feeding stdy	100.00	0.002600
53001FA	BEEF-FAT	22 COOKED-FRESH-BAKED	4F3129	P	0.500000	0.002600	Feeding stdy	100.00	0.002600
53001FA	BEEF-FAT	23 COOKED-FRESH-BOILED	4F3129	P	0.500000	0.002600	Feeding stdy	100.00	0.002600
53001FA	BEEF-FAT	24 COOKED-FRESH-BROILED	4F3129	P	0.500000	0.002600	Feeding stdy	100.00	0.002600
53001FA	BEEF-FAT	25 COOKED-FRESH-FRIED	4F3129	P	0.500000	0.002600	Feeding stdy	100.00	0.002600
53001KA	BEEF-KIDNEY	21 COOKED-NFS	3F2964	P	3.000000	0.009900	Feeding stdy	100.00	0.009900
53001LA	BEEF-LIVER	25 COOKED-FRESH-FRIED	3F2964	P	3.000000	0.008200	Feeding stdy	100.00	0.008200
53001LA	BEEF-LIVER	31 COOKED-FRESH OR CANNED	3F2964	P	3.000000	0.008200	Feeding stdy	100.00	0.008200
53001MA	BEEF-LEAN	10 RAW-FRESH OR NFS	4F3129	P	0.500000	0.000870	Feeding stdy	100.00	0.000870
53001MA	BEEF-LEAN	21 COOKED-NFS	4F3129	P	0.500000	0.000870	Feeding stdy	100.00	0.000870
53001MA	BEEF-LEAN	22 COOKED-FRESH-BAKED	4F3129	P	0.500000	0.000870	Feeding stdy	100.00	0.000870

Table 1.

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 470A DATE: 06/27/95 PAGE: 5

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Iprodione (Glycophene) Caswell #470A CAS No. 36734-19-7 A.I. CODE: 109801 CFR No. 180.399 185.3750	2yr feeding- rat NOEL= 6.1000 mg/kg 150.00 ppm LEL= 12.4000 mg/kg 300.00 ppm ONCO: B2 (HCPRC)	Enlargement of the cells of the zona glomerulosa in M&F. Referred to HED Carcinogenicity Peer Review Comm.	ADI UF -->100 OPP RfD= 0.060000 EPA RfD= 0.040000 Q*: 0.04390	No data gaps.	WHO reviewed 1977 HED reviewed 12/19/86 EPA verified 07/15/87 WHO reviewed 1992 RfD/PR reviewed 02/10/94 On IRIS.

FOOD CODE	FOOD	FOOD FORM	PET.#		TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
53001MA	BEEF-LEAN	23 COOKED-FRESH-BOILED	4F3129	P	0.500000	0.000870	Feeding stdy	100.00	0.000870
53001MA	BEEF-LEAN	24 COOKED-FRESH-BROILED	4F3129	P	0.500000	0.000870	Feeding stdy	100.00	0.000870
53002BA	GOAT-MEAT BYP	00 NOT SPECIFIED	4F3129	P	0.500000	0.000870	Feeding stdy	100.00	0.000870
53002BB	GOAT-OTH ORGAN	00 NOT SPECIFIED	4F3129	P	0.500000	0.009900	Feeding stdy	100.00	0.009900
53002FA	GOAT-FAT	23 COOKED-FRESH-BOILED	4F3129	P	0.500000	0.002600	Feeding stdy	100.00	0.002600
53002FA	GOAT-FAT	25 COOKED-FRESH-FRIED	4F3129	P	0.500000	0.002600	Feeding stdy	100.00	0.002600
53002KA	GOAT-KIDNEY	00 NOT SPECIFIED	3F2964	P	3.000000	0.009900	Feeding stdy	100.00	0.009900
53002LA	GOAT-LIVER	00 NOT SPECIFIED	3F2964	P	3.000000	0.008200	Feeding stdy	100.00	0.008200
53002MA	GOAT-LEAN	23 COOKED-FRESH-BOILED	4F3129	P	0.500000	0.000870	Feeding stdy	100.00	0.000870
53002MA	GOAT-LEAN	25 COOKED-FRESH-FRIED	4F3129	P	0.500000	0.000870	Feeding stdy	100.00	0.000870
53003AA	HORSE	00 NOT SPECIFIED	4F3129	P	3.000000	3.000000	Tolerance	100.00	3.000000
53005BA	SHEEP-MEAT BYP	21 COOKED-NFS	4F3129	P	0.500000	0.000870	Feeding stdy	100.00	0.000870
53005BB	SHEEP-OTH ORGAN	21 COOKED-NFS	4F3129	P	0.500000	0.009900	Feeding stdy	100.00	0.009900
53005FA	SHEEP-FAT	21 COOKED-NFS	4F3129	P	0.500000	0.002600	Feeding stdy	100.00	0.002600
53005KA	SHEEP-KIDNEY	21 COOKED-NFS	3F2964	P	3.000000	0.009900	Feeding stdy	100.00	0.009900
53005LA	SHEEP-LIVER	00 NOT SPECIFIED	3F2964	P	3.000000	0.008200	Feeding stdy	100.00	0.008200
53005MA	SHEEP-LEAN	21 COOKED-NFS	4F3129	P	0.500000	0.000870	Feeding stdy	100.00	0.000870
53005MA	SHEEP-LEAN	31 COOKED-FRESH OR CANNED	4F3129	P	0.500000	0.000870	Feeding stdy	100.00	0.000870
53006BA	PORK-MEAT BYP	21 COOKED-NFS	4F3129	P	0.500000	0.000370	Feeding stdy	100.00	0.000370
53006BB	PORK-OTH ORGAN	21 COOKED-NFS	4F3129	P	0.500000	0.004300	Feeding stdy	100.00	0.004300
53006BB	PORK-OTH ORGAN	26 COOKED-FRESH-PICKLED,CORNED,OR CURED	4F3129	P	0.500000	0.004300	Feeding stdy	100.00	0.004300
53006FA	PORK-FAT	10 RAW-FRESH OR NFS	4F3129	P	0.500000	0.001100	Feeding stdy	100.00	0.001100
53006FA	PORK-FAT	21 COOKED-NFS	4F3129	P	0.500000	0.001100	Feeding stdy	100.00	0.001100
53006FA	PORK-FAT	23 COOKED-FRESH-BOILED	4F3129	P	0.500000	0.001100	Feeding stdy	100.00	0.001100
53006FA	PORK-FAT	25 COOKED-FRESH-FRIED	4F3129	P	0.500000	0.001100	Feeding stdy	100.00	0.001100
53006FA	PORK-FAT	26 COOKED-FRESH-PICKLED,CORNED,OR CURED	4F3129	P	0.500000	0.001100	Feeding stdy	100.00	0.001100
53006KA	PORK-KIDNEY	21 COOKED-NFS	3F2964	P	3.000000	0.004300	Feeding stdy	100.00	0.004300
53006LA	PORK-LIVER	21 COOKED-NFS	3F2964	P	3.000000	0.003500	Feeding stdy	100.00	0.003500
53006LA	PORK-LIVER	25 COOKED-FRESH-FRIED	3F2964	P	3.000000	0.003500	Feeding stdy	100.00	0.003500
53006MA	PORK-LEAN	21 COOKED-NFS	4F3129	P	0.500000	0.000370	Feeding stdy	100.00	0.000370
53006MA	PORK-LEAN	25 COOKED-FRESH-FRIED	4F3129	P	0.500000	0.000370	Feeding stdy	100.00	0.000370
53006MA	PORK-LEAN	26 COOKED-FRESH-PICKLED,CORNED,OR CURED	4F3129	P	0.500000	0.000370	Feeding stdy	100.00	0.000370
55008BA	TURKEY-BYP	21 COOKED-NFS	6F3443	P	1.000000	0.000570	Feeding stdy	100.00	0.000570
55008BA	TURKEY-BYP	26 COOKED-FRESH-PICKLED,CORNED,OR CURED	6F3443	P	1.000000	0.000570	Feeding stdy	100.00	0.000570
55008LA	TURKEY ORGAN	21 COOKED-NFS	6F3443	P	5.000000	0.010400	Feeding stdy	100.00	0.010400
55008LA	TURKEY ORGAN	25 COOKED-FRESH-FRIED	6F3443	P	5.000000	0.010400	Feeding stdy	100.00	0.010400
55008MA	TURKEY W/O SKIN	21 COOKED-NFS	6F3443	P	1.000000	0.000570	Feeding stdy	100.00	0.000570
55008MA	TURKEY W/O SKIN	31 COOKED-FRESH OR CANNED	6F3443	P	1.000000	0.000570	Feeding stdy	100.00	0.000570
55008MA	TURKEY W/O SKIN	62 COOKED-FRESH OR FROZEN-BAKED	6F3443	P	1.000000	0.000570	Feeding stdy	100.00	0.000570
55008MB	TURKEY+SKIN	21 COOKED-NFS	6F3443	P	3.500000	0.004400	Feeding stdy	100.00	0.004400

Table 1.

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 470A DATE: 06/27/95 PAGE: 6

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Iprodione (Glycophene) Caswell #470A CAS No. 36734-19-7 A.I. CODE: 109801 CFR No. 180.399 185.3750	2yr feeding- rat NOEL= 6.1000 mg/kg 150.00 ppm LEL= 12.4000 mg/kg 300.00 ppm ONCO: B2 (HCPRC)	Enlargement of the cells of the zona glomerulosa in M&F. Referred to HED Carcinogenicity Peer Review Comm.	ADI UF -->100 OPP RfD= 0.060000 EPA RfD= 0.040000 Q*: 0.04390	No data gaps.	WHO reviewed 1977 HED reviewed 12/19/86 EPA verified 07/15/87 WHO reviewed 1992 RfD/PR reviewed 02/10/94 On IRIS.

FOOD CODE	FOOD	FOOD FORM	PET.#		TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
55008MB	TURKEY+SKIN	25 COOKED-FRESH-FRIED	6F3443	P	3.500000	0.004400	Feeding stdy	100.00	0.004400
55008MC	TURKEY-UNSPEC	21 COOKED-NFS	6F3443	P	1.000000	0.004400	Feeding stdy	100.00	0.004400
55013BA	POULTRY,OTH-BYP	00 NOT SPECIFIED	6F3443	P	1.000000	0.000570	Feeding stdy	100.00	0.000570
55013LA	POULTRY,ORGAN	25 COOKED-FRESH-FRIED	6F3443	P	5.000000	0.010400	Feeding stdy	100.00	0.010400
55013MA	POULTRY,OTHER	21 COOKED-NFS	6F3443	P	3.500000	0.004400	Feeding stdy	100.00	0.004400
55014AA	EGGS-WHOLE	10 RAW-FRESH OR NFS	6F3443	P	1.500000	0.002400	Feeding stdy	100.00	0.002400
55014AA	EGGS-WHOLE	21 COOKED-NFS	6F3443	P	1.500000	0.002400	Feeding stdy	100.00	0.002400
55014AA	EGGS-WHOLE	22 COOKED-FRESH-BAKED	6F3443	P	1.500000	0.002400	Feeding stdy	100.00	0.002400
55014AA	EGGS-WHOLE	23 COOKED-FRESH-BOILED	6F3443	P	1.500000	0.002400	Feeding stdy	100.00	0.002400
55014AA	EGGS-WHOLE	25 COOKED-FRESH-FRIED	6F3443	P	1.500000	0.002400	Feeding stdy	100.00	0.002400
55014AB	EGGS-WHITE ONLY	10 RAW-FRESH OR NFS	6F3443	P	1.500000	0.002400	Feeding stdy	100.00	0.002400
55014AB	EGGS-WHITE ONLY	21 COOKED-NFS	6F3443	P	1.500000	0.002400	Feeding stdy	100.00	0.002400
55014AB	EGGS-WHITE ONLY	22 COOKED-FRESH-BAKED	6F3443	P	1.500000	0.002400	Feeding stdy	100.00	0.002400
55014AB	EGGS-WHITE ONLY	62 COOKED-FRESH OR FROZEN-BAKED	6F3443	P	1.500000	0.002400	Feeding stdy	100.00	0.002400
55014AB	EGGS-WHITE ONLY	81 COOKED-FROZEN	6F3443	P	1.500000	0.002400	Feeding stdy	100.00	0.002400
55014AC	EGGS-YOLK ONLY	10 RAW-FRESH OR NFS	6F3443	P	1.500000	0.002400	Feeding stdy	100.00	0.002400
55014AC	EGGS-YOLK ONLY	21 COOKED-NFS	6F3443	P	1.500000	0.002400	Feeding stdy	100.00	0.002400
55014AC	EGGS-YOLK ONLY	25 COOKED-FRESH-FRIED	6F3443	P	1.500000	0.002400	Feeding stdy	100.00	0.002400
55014AC	EGGS-YOLK ONLY	31 COOKED-FRESH OR CANNED	6F3443	P	1.500000	0.002400	Feeding stdy	100.00	0.002400
55015BA	CHICKEN-BYP	00 NOT SPECIFIED	6F3443	P	1.000000	0.000570	Feeding stdy	100.00	0.000570
55015LA	CHICKEN-ORGAN	21 COOKED-NFS	6F3443	P	5.000000	0.010400	Feeding stdy	100.00	0.010400
55015LA	CHICKEN-ORGAN	25 COOKED-FRESH-FRIED	6F3443	P	5.000000	0.010400	Feeding stdy	100.00	0.010400
55015LA	CHICKEN-ORGAN	26 COOKED-FRESH-PICKLED,CORNED,OR CURED	6F3443	P	5.000000	0.010400	Feeding stdy	100.00	0.010400
55015MA	CHICKEN-W/O SKIN	21 COOKED-NFS	6F3443	P	1.000000	0.000570	Feeding stdy	100.00	0.000570
55015MA	CHICKEN-W/O SKIN	22 COOKED-FRESH-BAKED	6F3443	P	1.000000	0.000570	Feeding stdy	100.00	0.000570
55015MA	CHICKEN-W/O SKIN	25 COOKED-FRESH-FRIED	6F3443	P	1.000000	0.000570	Feeding stdy	100.00	0.000570
55015MA	CHICKEN-W/O SKIN	31 COOKED-FRESH OR CANNED	6F3443	P	1.000000	0.000570	Feeding stdy	100.00	0.000570
55015MA	CHICKEN-W/O SKIN	53 COOKED-CANNED-BOILED	6F3443	P	1.000000	0.000570	Feeding stdy	100.00	0.000570
55015MB	CHICKEN+SKIN	21 COOKED-NFS	6F3443	P	3.500000	0.004400	Feeding stdy	100.00	0.004400
55015MB	CHICKEN+SKIN	25 COOKED-FRESH-FRIED	6F3443	P	3.500000	0.004400	Feeding stdy	100.00	0.004400

Table 2.

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS — DATE: 06/26/95 — PAGE: 1

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Iprodione (Glycophene) Caswell #470A CAS No. 36734-19-7 A.I. CODE: 109801 CFR No. 180.399 185.3750	2yr feeding- rat NOEL= 6.1000 mg/kg 150.00 ppm LEL= 12.4000 mg/kg 300.00 ppm ONCO: B2 (HCPRC)	Enlargement of the cells of the zona glomerulosa in M&F. Referred to HED Carcinogenicity Peer Review Comm.	ADI UF -->100 OPP RfD= 0.060000 EPA RfD= 0.040000 Q*: 0.04390	No data gaps.	WHO reviewed 1977 HED reviewed 12/19/86 EPA verified 07/15/87 WHO reviewed 1992 RfD/PR reviewed 02/10/94 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: U.S. POPULATION - 48 STATES

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
06018AA	KIWI	10.000	P	0.000191	0.000	0.00000000838				
	10 RAW-FRESH OR NFS						0.18000	0.000003	0.000	0.00000000013
43058AA	WINE AND SHERRY	10.000	P	0.841956	1.403	0.00003696187				
	10 RAW-FRESH OR NFS						0.83000	0.069054	0.115	0.00000303147
	21 COOKED-NFS						0.83000	0.000828	0.001	0.00000003635
	CROP GROUP TOTALS FOR UNSPECIFIED:			0.842147	1.404	0.00003697025		0.069885	0.116	0.00000306795
14003AA	CARROTS	5.000	P	0.867397	1.446	0.00003807873				
	10 RAW-FRESH OR NFS						0.02100	0.000843	0.001	0.00000003701
	21 COOKED-NFS						0.02100	0.001067	0.002	0.00000004684
	23 COOKED-FRESH-BOILED						0.02100	0.000191	0.000	0.00000000838
	31 COOKED-FRESH OR CANNED						0.02100	0.000697	0.001	0.00000003060
	51 COOKED-CANNED						0.02100	0.000846	0.001	0.00000003714
14013AA	POTATOES(WHITE)-WHOLE	0.500	P	0.170029	0.283	0.00000746427				
	10 RAW-FRESH OR NFS						0.00230	0.000105	0.000	0.00000000461
	21 COOKED-NFS						0.00230	0.000345	0.001	0.00000001515
	22 COOKED-FRESH-BAKED						0.00230	0.000333	0.001	0.00000001462
14013AB	POTATOES(WHITE)-UNSPECIFIED	0.500	P	0.000041	0.000	0.00000000180				
	22 COOKED-FRESH-BAKED						0.00230	0.000000	0.000	0.00000000000
14013AC	POTATOES(WHITE)-PEELED	0.500	P	0.392129	0.654	0.00001721446				
	21 COOKED-NFS						0.00230	0.000166	0.000	0.00000000729
	22 COOKED-FRESH-BAKED						0.00230	0.000098	0.000	0.00000000430
	23 COOKED-FRESH-BOILED						0.00230	0.000997	0.002	0.00000004377
	25 COOKED-FRESH-FRIED						0.00230	0.000543	0.001	0.00000002384
14013DA	POTATOES(WHITE)-DRY	0.500	P	0.004223	0.007	0.00000018539				
	10 RAW-FRESH OR NFS						0.00230	0.000008	0.000	0.00000000035
	31 COOKED-FRESH OR CANNED						0.00230	0.000011	0.000	0.00000000048
14013HA	POTATOES(WHITE)-PEEL ONLY	0.500	P	0.000011	0.000	0.00000000048				
	22 COOKED-FRESH-BAKED						0.00230	0.000000	0.000	0.00000000000
	CROP GROUP TOTALS FOR ROOT AND TUBER VEGETABLES:			1.433830	2.390	0.00006294514		0.006250	0.010	0.00000027438
14007AA	GARLIC	0.100	P	0.000076	0.000	0.00000000334				
	10 RAW-FRESH OR NFS						0.00880	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00880	0.000004	0.000	0.00000000018
	32 COOKED-FRESH OR CANNED-BAKED						0.00880	0.000002	0.000	0.00000000009
14011AA	ONIONS-DRY-BULB (CIPOLLINI)	0.500	P	0.053031	0.088	0.00000232806				
	10 RAW-FRESH OR NFS						0.00880	0.000163	0.000	0.00000000716
	21 COOKED-NFS						0.00880	0.000623	0.001	0.00000002735
	22 COOKED-FRESH-BAKED						0.00880	0.000091	0.000	0.00000000399

Table 2.

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS DATE: 06/26/95 PAGE: 2

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Iprodione (Glycophene) Caswell #470A CAS No. 36734-19-7 A.I. CODE: 109801 CFR No. 180.399 185.3750	2yr feeding- rat NOEL= 6.1000 mg/kg 150.00 ppm LEL= 12.4000 mg/kg 300.00 ppm ONCO: B2 (HCPRC)	Enlargement of the cells of the zona glomerulosa in M&F. Referred to HED Carcinogenicity Peer Review Comm.	ADI UF -->100 OPP RfD= 0.060000 EPA RfD= 0.040000 Q*: 0.04390	No data gaps.	WHO reviewed 1977 HED reviewed 12/19/86 EPA verified 07/15/87 WHO reviewed 1992 RfD/PR reviewed 02/10/94 On IRIS.

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FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
	31 COOKED-FRESH OR CANNED						0.00880	0.000056	0.000	0.00000000246
14011DA	ONIONS-DEHYDRATED OR DRIED	0.500	P	0.000536	0.001	0.00000002353				
	12 RAW-FRESH-DRIED						0.00880	0.000009	0.000	0.00000000040
14017AA	SHALLOTS	0.500	P	0.000153	0.000	0.00000000672				
	00 NOT SPECIFIED						0.00880	0.000003	0.000	0.00000000013
	CROP GROUP TOTALS FOR BULB VEGETABLES:			0.053796	0.090	0.00000236164		0.000951	0.002	0.00000004175
13013AA	LETTUCE-LEAFY VARIETIES	25.000	P	0.110820	0.185	0.00000486500				
	10 RAW-FRESH OR NFS						0.04000	0.000177	0.000	0.00000000777
13020AA	LETTUCE-UNSPECIFIED	25.000	P	0.230020	0.383	0.00001009788				
	10 RAW-FRESH OR NFS						0.04000	0.000368	0.001	0.00000001616
13045AA	LETTUCE-HEAD VARIETIES	25.000	P	5.307008	8.845	0.00023297765				
	10 RAW-FRESH OR NFS						0.00480	0.001000	0.002	0.00000004390
	21 COOKED-NFS						0.00480	0.000019	0.000	0.00000000083
	CROP GROUP TOTALS FOR LEAFY VEGETABLES (EXCL. BRASSICAE):			5.647848	9.413	0.00024794053		0.001564	0.003	0.00000006866
13005AA	BROCCOLI	25.000	P	1.228238	2.047	0.00005391965				
	21 COOKED-NFS						0.00160	0.000005	0.000	0.00000000022
	31 COOKED-FRESH OR CANNED						0.00160	0.000065	0.000	0.00000000285
	63 COOKED-FRESH OR FROZEN-BOILED						0.00160	0.000008	0.000	0.00000000035
13010AA	CABBAGE-CHINESE/CELERY, INC. BOK CHOY	15.000	P	0.068448	0.114	0.00000300487				
	10 RAW-FRESH OR NFS						6.00000	0.001310	0.002	0.00000005751
	21 COOKED-NFS						6.00000	0.026068	0.043	0.00000114439
	CROP GROUP TOTALS FOR BRASSICA (COLE) LEAFY VEGETABLES:			1.296686	2.161	0.00005692452		0.027456	0.046	0.00000120532
15001AA	BEANS-DRY-GREAT NORTHERN	2.000	P	0.000002	0.000	0.00000000009				
	00 NOT SPECIFIED						0.00005	0.000000	0.000	0.00000000000
15001AB	BEANS-DRY-KIDNEY	2.000	P	0.027263	0.045	0.00000119685				
	21 COOKED-NFS						0.00005	0.000001	0.000	0.00000000004
	31 COOKED-FRESH OR CANNED						0.00005	0.000000	0.000	0.00000000000
15001AC	BEANS-DRY-LIMA	2.000	P	0.015978	0.027	0.00000070143				
	21 COOKED-NFS						0.00005	0.000000	0.000	0.00000000000
15001AD	BEANS-DRY-NAVY (PEA)	2.000	P	0.074815	0.125	0.00000328438				
	21 COOKED-NFS						0.00005	0.000000	0.000	0.00000000000
	31 COOKED-FRESH OR CANNED						0.00005	0.000001	0.000	0.00000000004
15001AE	BEANS-DRY-OTHER	2.000	P	0.079650	0.133	0.00000349664				
	21 COOKED-NFS						0.00005	0.000001	0.000	0.00000000004
	25 COOKED-FRESH-FRIED						0.00005	0.000000	0.000	0.00000000000

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FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
	31 COOKED-FRESH OR CANNED						0.00005	0.000001	0.000	0.00000000004
15001AF	BEANS-DRY-PINTO	2.000	P	0.072700	0.121	0.00000319153				
	21 COOKED-NFS						0.00005	0.000002	0.000	0.00000000009
15002AA	BEANS-SUCCULENT-LIMA	2.000	P	0.051330	0.086	0.00000225339				
	10 RAW-FRESH OR NFS						0.00160	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00160	0.000041	0.000	0.00000000180
15003AA	BEANS-SUCCULENT-GREEN	2.000	P	0.400100	0.667	0.00001756439				
	21 COOKED-NFS						0.00160	0.000320	0.001	0.00000001405
15003AB	BEANS-SUCCULENT-OTHER	2.000	P	0.052768	0.088	0.00000231652				
	10 RAW-FRESH OR NFS						0.00160	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00160	0.000042	0.000	0.00000000184
15003AC	BEANS-SUCCULENT-YELLOW,WAX	2.000	P	0.010927	0.018	0.00000047970				
	21 COOKED-NFS						0.00160	0.000009	0.000	0.00000000040
15006AA	PEANUTS-WHOLE	0.500	P	0.034789	0.058	0.00000152724				
	10 RAW-FRESH OR NFS						0.00225	0.000002	0.000	0.00000000009
	21 COOKED-NFS						0.00225	0.000145	0.000	0.00000000637
	22 COOKED-FRESH-BAKED						0.00225	0.000009	0.000	0.00000000040
15013AA	MUNG BEANS (SPROUTS)	2.000	P	0.013304	0.022	0.00000058405				
	10 RAW-FRESH OR NFS						0.00160	0.000001	0.000	0.00000000004
	21 COOKED-NFS						0.00160	0.000009	0.000	0.00000000040
15022AA	BEANS-DRY-BROADBEANS(MATURE SEED)	2.000	P	0.000002	0.000	0.00000000009				
	00 NOT SPECIFIED						0.00005	0.000000	0.000	0.00000000000
15022AB	BEANS-SUCCULENT-BROADBEANS(IMMAT. SEED)	2.000	P	0.000002	0.000	0.00000000009				
	00 NOT SPECIFIED						0.00160	0.000000	0.000	0.00000000000
15023AA	BEANS-DRY-PIGEON BEANS	2.000	P	0.000071	0.000	0.00000000312				
	21 COOKED-NFS						0.00005	0.000000	0.000	0.00000000000
15027AA	BEANS-UNSPECIFIED	2.000	P	0.010469	0.017	0.00000045959				
	21 COOKED-NFS						0.00160	0.000008	0.000	0.00000000035
15030AA	BEANS-DRY-HYACINTH(MATURE SEEDS)	2.000	P	0.000002	0.000	0.00000000009				
	00 NOT SPECIFIED						0.00005	0.000000	0.000	0.00000000000
15030AB	BEANS-SUCCULENT-HYACINTH(YOUNG PODS)	2.000	P	0.000002	0.000	0.00000000009				
	00 NOT SPECIFIED						0.00160	0.000000	0.000	0.00000000000
15031AA	BEANS-DRY-BLACKEYE PEAS(COWPEAS)	2.000	P	0.004947	0.008	0.00000021717				
	21 COOKED-NFS						0.00005	0.000000	0.000	0.00000000000
15032AA	BEANS-DRY-GARBANZO(CHICK PEA)	2.000	P	0.001052	0.002	0.00000004618				
	21 COOKED-NFS						0.00005	0.000000	0.000	0.00000000000
	31 COOKED-FRESH OR CANNED						0.00005	0.000000	0.000	0.00000000000
27007OA	PEANUTS-OIL	0.050	P	0.002613	0.004	0.00000011471				
	18 PROCESSED OIL						0.00036	0.000002	0.000	0.00000000009
	CROP GROUP TOTALS FOR LEGUME VEGETABLES:			0.852786	1.421	0.00003743731		0.000594	0.001	0.00000002608

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TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS DATE: 06/26/95 PAGE: 4

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FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TMRC TYPE	TMRC (UG/KG/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
05001AA	APRICOTS-FRESH	20.000	P	0.673786	1.123	0.00002957921				
	10 RAW-FRESH OR NFS						0.04100	0.000234	0.000	0.00000001027
	21 COOKED-NFS						0.04100	0.000319	0.001	0.00000001400
	31 COOKED-FRESH OR CANNED						0.04100	0.000828	0.001	0.00000003635
05001DA	APRICOTS-DRIED	20.000	P	0.048480	0.081	0.00000212827				
	10 RAW-FRESH OR NFS						0.23000	0.000079	0.000	0.00000000347
	22 COOKED-FRESH-BAKED						0.23000	0.000014	0.000	0.00000000061
05002AA	CHERRIES-FRESH	20.000	P	0.643508	1.073	0.00002825000				
	10 RAW-FRESH OR NFS						0.34000	0.002508	0.004	0.00000011010
	21 COOKED-NFS						0.34000	0.001500	0.003	0.00000006585
	31 COOKED-FRESH OR CANNED						0.34000	0.004265	0.007	0.00000018723
	62 COOKED-FRESH OR FROZEN-BAKED						0.34000	0.002667	0.004	0.00000011708
05002DA	CHERRIES-DRIED	20.000	P	0.000080	0.000	0.00000000351				
	00 NOT SPECIFIED						2.07000	0.000002	0.000	0.00000000009
05002JA	CHERRIES-JUICE	20.000	P	0.102240	0.170	0.00000448834				
	15 RAW-FRESH OR CANNED						0.34000	0.001063	0.002	0.00000004667
	21 COOKED-NFS						0.34000	0.000096	0.000	0.00000000421
05003AA	NECTARINES	20.000	P	0.259324	0.432	0.00001138432				
	10 RAW-FRESH OR NFS						0.22000	0.002853	0.005	0.00000012525
05004AA	PEACHES-FRESH	20.000	P	4.307832	7.180	0.00018911382				
	10 RAW-FRESH OR NFS						0.24500	0.024616	0.041	0.00000108064
	21 COOKED-NFS						0.24500	0.002410	0.004	0.00000010580
	31 COOKED-FRESH OR CANNED						0.24500	0.019571	0.033	0.00000085917
	51 COOKED-CANNED						0.24500	0.006174	0.010	0.00000027104
05004DA	PEACHES-DRIED	20.000	P	0.006944	0.012	0.00000030484				
	10 RAW-FRESH OR NFS						1.67000	0.000044	0.000	0.00000000193
	21 COOKED-NFS						1.67000	0.000039	0.000	0.00000000171
05005AA	PLUMS(DAMSONS)-FRESH	20.000	P	0.497252	0.829	0.00002182936				
	10 RAW-FRESH OR NFS						0.06900	0.001284	0.002	0.00000005637
	31 COOKED-FRESH OR CANNED						0.06900	0.000431	0.001	0.00000001892
05005DA	PLUMS-PRUNES(DRIED)	20.000	P	0.348426	0.581	0.00001529590				
	10 RAW-FRESH OR NFS						0.27600	0.000170	0.000	0.00000000746
	21 COOKED-NFS						0.27600	0.001197	0.002	0.00000005255
	31 COOKED-FRESH OR CANNED						0.27600	0.000236	0.000	0.00000001036
05005JA	PLUMS/PRUNE-JUICE	20.000	P	0.385134	0.642	0.00001690738				
	10 RAW-FRESH OR NFS						0.27600	0.003791	0.006	0.00000016642
	62 COOKED-FRESH OR FROZEN-BAKED						0.27600	0.000006	0.000	0.00000000026
	CROP GROUP TOTALS FOR STONE FRUITS:			7.273006	12.122	0.00031928496		0.076397	0.127	0.00000335383

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01002AA	BLACKBERRIES	25.000	P	0.160670	0.268	0.00000705341				
	10 RAW-FRESH OR NFS						0.36100	0.000288	0.000	0.00000001264
	21 COOKED-NFS						0.36100	0.001028	0.002	0.00000004513
	62 COOKED-FRESH OR FROZEN-BAKED						0.36100	0.001005	0.002	0.00000004412
01003AA	BOYSENBERRIES	25.000	P	0.018283	0.030	0.00000080262				
	10 RAW-FRESH OR NFS						0.19800	0.000145	0.000	0.00000000637
01004AA	DEWBERRIES	25.000	P	0.058575	0.098	0.00000257144				
	00 NOT SPECIFIED						0.19800	0.000464	0.001	0.00000002037
01005AA	LOGANBERRIES	25.000	P	0.005100	0.009	0.00000022389				
	00 NOT SPECIFIED						0.19800	0.000404	0.001	0.00000001774
01006AA	RASPBERRIES	25.000	P	0.071652	0.119	0.00000314552				
	10 RAW-FRESH OR NFS						0.19800	0.000341	0.001	0.00000001497
	15 RAW-FRESH OR CANNED						0.19800	0.000064	0.000	0.00000000281
	31 COOKED-FRESH OR CANNED						0.19800	0.000054	0.000	0.00000000237
	62 COOKED-FRESH OR FROZEN-BAKED						0.19800	0.000056	0.000	0.00000000246
	70 RAW-FROZEN						0.19800	0.000053	0.000	0.00000000233
01007AA	YOUNGBERRIES	25.000	P	0.008925	0.015	0.00000039181				
	00 NOT SPECIFIED						0.19800	0.000071	0.000	0.00000000312
01009AA	BLUEBERRIES	15.000	P	0.135711	0.226	0.00000595771				
	10 RAW-FRESH OR NFS						0.02300	0.000123	0.000	0.00000000540
	21 COOKED-NFS						0.02300	0.000025	0.000	0.00000000110
	22 COOKED-FRESH-BAKED						0.02300	0.000011	0.000	0.00000000048
	62 COOKED-FRESH OR FROZEN-BAKED						0.02300	0.000049	0.000	0.00000000215
01011AA	CURRANTS	15.000	P	0.008193	0.014	0.00000035967				
	10 RAW-FRESH OR NFS						0.19800	0.000003	0.000	0.00000000013
	21 COOKED-NFS						0.19800	0.000000	0.000	0.00000000000
	22 COOKED-FRESH-BAKED						0.19800	0.000105	0.000	0.00000000461
01014AA	GRAPES-FRESH	10.000	P	0.437931	0.730	0.00001922517				
	10 RAW-FRESH OR NFS						0.05400	0.001310	0.002	0.00000005751
	21 COOKED-NFS						0.05400	0.000043	0.000	0.00000000189
	31 COOKED-FRESH OR CANNED						0.05400	0.001011	0.002	0.00000004438
01014DA	GRAPES-RAISINS	50.000	P	0.848650	1.414	0.00003725574				
	10 RAW-FRESH OR NFS						0.24300	0.002484	0.004	0.00000010905
	21 COOKED-NFS						0.24300	0.000234	0.000	0.00000001027
	22 COOKED-FRESH-BAKED						0.24300	0.001406	0.002	0.00000006172
01014JA	GRAPES-JUICE	10.000	P	1.081152	1.802	0.00004746257				
	10 RAW-FRESH OR NFS						0.05400	0.000451	0.001	0.00000001980
	15 RAW-FRESH OR CANNED						0.05400	0.004235	0.007	0.00000018592
	21 COOKED-NFS						0.05400	0.000179	0.000	0.00000000786
01016AA	STRAWBERRIES	15.000	P	0.520633	0.868	0.00002285579				
	10 RAW-FRESH OR NFS						0.26600	0.006438	0.011	0.00000028263

Table 2.

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Iprodione (Glycophene) Caswell #470A CAS No. 36734-19-7 A.I. CODE: 109801 CFR No. 180.399 185.3750	2yr feeding- rat NOEL= 6.1000 mg/kg 150.00 ppm LEL= 12.4000 mg/kg 300.00 ppm ONCO: B2 (HCPRC)	Enlargement of the cells of the zona glomerulosa in M&F. Referred to HED Carcinogenicity Peer Review Comm.	ADI UF -->100 OPP RfD= 0.060000 EPA RfD= 0.040000 Q*: 0.04390	No data gaps.	WHO reviewed 1977 HED reviewed 12/19/86 EPA verified 07/15/87 WHO reviewed 1992 RfD/PR reviewed 02/10/94 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: U.S. POPULATION - 48 STATES

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TMRC TYPE	TMRC (UG/KG/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
	21 COOKED-NFS						0.26600	0.001322	0.002	0.00000005804
	70 RAW-FROZEN						0.26600	0.001472	0.002	0.00000006462
	CROP GROUP TOTALS FOR SMALL FRUITS AND BERRIES:			3.355475	5.592	0.00014730535		0.024874	0.041	0.00000109197
24004AA	RICE-ROUGH	10.000	P	0.030600	0.051	0.00000134334				
	21 COOKED-NFS						0.04560	0.000001	0.000	0.00000000004
	23 COOKED-FRESH-BOILED						0.04560	0.000139	0.000	0.00000000610
	23 COOKED-FRESH-BOILED						0.04560	0.000139	0.000	0.00000000610
24004AB	RICE-MILLED	10.000	P	1.552627	2.588	0.00006816033				
	21 COOKED-NFS						0.00504	0.000261	0.000	0.00000001146
	22 COOKED-FRESH-BAKED						0.00504	0.000110	0.000	0.00000000483
	23 COOKED-FRESH-BOILED						0.00504	0.000372	0.001	0.00000001633
	31 COOKED-FRESH OR CANNED						0.00504	0.000040	0.000	0.00000000176
	CROP GROUP TOTALS FOR CEREAL GRAINS:			1.583227	2.639	0.00006950367		0.001062	0.002	0.00000004662
03001AA	ALMONDS	0.300	P	0.000841	0.001	0.00000003692				
	10 RAW-FRESH OR NFS						0.05600	0.000073	0.000	0.00000000320
	21 COOKED-NFS						0.05600	0.000053	0.000	0.00000000233
	22 COOKED-FRESH-BAKED						0.05600	0.000031	0.000	0.00000000136
	CROP GROUP TOTALS FOR TREE NUTS:			0.000841	0.001	0.00000003692		0.000157	0.000	0.00000000689
530018A	BEEF-MEAT BYPRODUCTS	0.500	P	0.008831	0.015	0.00000038768				
	21 COOKED-NFS						0.00087	0.000014	0.000	0.00000000061
	26 COOKED-FRESH-PICKLED,CORNED,OR CURED						0.00087	0.000001	0.000	0.00000000004
53001BB	BEEF(ORGAN MEATS)-OTHER	0.500	P	0.003017	0.005	0.00000013245				
	21 COOKED-NFS						0.00990	0.000051	0.000	0.00000000224
	51 COOKED-CANNED						0.00990	0.000008	0.000	0.00000000035
53001DA	BEEF-DRIED	0.500	P	0.001266	0.002	0.00000005558				
	21 COOKED-NFS						0.00087	0.000002	0.000	0.00000000009
53001FA	BEEF(BONELESS)-FAT (BEEF TALLOW)	0.500	P	0.186038	0.310	0.00000816707				
	10 RAW-FRESH OR NFS						0.00260	0.000004	0.000	0.00000000018
	21 COOKED-NFS						0.00260	0.000385	0.001	0.00000001690
	22 COOKED-FRESH-BAKED						0.00260	0.000065	0.000	0.00000000285
	23 COOKED-FRESH-BOILED						0.00260	0.000087	0.000	0.00000000382
	24 COOKED-FRESH-BROILED						0.00260	0.000370	0.001	0.00000001624
	25 COOKED-FRESH-FRIED						0.00260	0.000056	0.000	0.00000000246
53001KA	BEEF(ORGAN MEATS)-KIDNEY	3.000	P	0.001439	0.002	0.00000006317				
	21 COOKED-NFS						0.00990	0.000005	0.000	0.00000000022

Table 2.

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Iprodione (Glycophene) Caswell #470A CAS No. 36734-19-7 A.I. CODE: 109801 CFR No. 180.399 185.3750	2yr feeding- rat NOEL= 6.1000 mg/kg 150.00 ppm LEL= 12.4000 mg/kg 300.00 ppm ONCO: B2 (HCPRC)	Enlargement of the cells of the zona glomerulosa in M&F. Referred to HED Carcinogenicity Peer Review Comm.	ADI UF -->100 OPP RfD= 0.060000 EPA RfD= 0.040000 Q*: 0.04390	No data gaps.	WHO reviewed 1977 HED reviewed 12/19/86 EPA verified 07/15/87 WHO reviewed 1992 RfD/PR reviewed 02/10/94 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: U.S. POPULATION - 48 STATES

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
53001LA	BEEF(ORGAN MEATS)-LIVER	3.000	P	0.062094	0.103	0.00000272593				
	25 COOKED-FRESH-FRIED						0.00820	0.000167	0.000	0.00000000733
	31 COOKED-FRESH OR CANNED						0.00820	0.000002	0.000	0.00000000009
53001MA	BEEF(BONELESS)-LEAN (W/O REMOVEABLE FAT)	0.500	P	0.580995	0.968	0.00002550568				
	10 RAW-FRESH OR NFS						0.00087	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00087	0.000602	0.001	0.00000002643
	22 COOKED-FRESH-BAKED						0.00087	0.000041	0.000	0.00000000180
	23 COOKED-FRESH-BOILED						0.00087	0.000064	0.000	0.00000000281
	24 COOKED-FRESH-BROILED						0.00087	0.000303	0.001	0.00000001330
53002BA	GOAT-MEAT BYPRODUCTS	0.500	P	0.000000	0.000	0.00000000000				
	00 NOT SPECIFIED						0.00087	0.000000	0.000	0.00000000000
53002BB	GOAT(ORGAN MEATS)-OTHER	0.500	P	0.000000	0.000	0.00000000000				
	00 NOT SPECIFIED						0.00990	0.000000	0.000	0.00000000000
53002FA	GOAT(BONELESS)-FAT	0.500	P	0.000020	0.000	0.00000000088				
	23 COOKED-FRESH-BOILED						0.00260	0.000000	0.000	0.00000000000
	25 COOKED-FRESH-FRIED						0.00260	0.000000	0.000	0.00000000000
53002KA	GOAT(ORGAN MEATS)-KIDNEY	3.000	P	0.000003	0.000	0.00000000013				
	00 NOT SPECIFIED						0.00990	0.000000	0.000	0.00000000000
53002LA	GOAT(ORGAN MEATS)-LIVER	3.000	P	0.000003	0.000	0.00000000013				
	00 NOT SPECIFIED						0.00820	0.000000	0.000	0.00000000000
53002MA	GOAT(BONELESS)-LEAN (W/O REMOVEABLE FAT)	0.500	P	0.000095	0.000	0.00000000417				
	23 COOKED-FRESH-BOILED						0.00087	0.000000	0.000	0.00000000000
	25 COOKED-FRESH-FRIED						0.00087	0.000000	0.000	0.00000000000
53003AA	HORSE	3.000	P	0.000003	0.000	0.00000000013				
	00 NOT SPECIFIED						3.00000	0.000003	0.000	0.00000000013
53005BA	SHEEP-MEAT BYPRODUCTS	0.500	P	0.000025	0.000	0.00000000110				
	21 COOKED-NFS						0.00087	0.000000	0.000	0.00000000000
53005BB	SHEEP(ORGAN MEATS)-OTHER	0.500	P	0.000010	0.000	0.00000000044				
	21 COOKED-NFS						0.00990	0.000000	0.000	0.00000000000
53005FA	SHEEP(BONELESS)-FAT	0.500	P	0.002148	0.004	0.00000009430				
	21 COOKED-NFS						0.00260	0.000011	0.000	0.00000000048
53005KA	SHEEP(ORGAN MEATS)-KIDNEY	3.000	P	0.000024	0.000	0.00000000105				
	21 COOKED-NFS						0.00990	0.000000	0.000	0.00000000000
53005LA	SHEEP(ORGAN MEATS)-LIVER	3.000	P	0.000003	0.000	0.00000000013				
	00 NOT SPECIFIED						0.00820	0.000000	0.000	0.00000000000
53005MA	SHEEP(BONELESS)-LEAN (W/O REMOVEABLE FAT	0.500	P	0.006242	0.010	0.00000027402				
	21 COOKED-NFS						0.00087	0.000010	0.000	0.00000000044
	31 COOKED-FRESH OR CANNED						0.00087	0.000001	0.000	0.00000000004
53006BA	PORK-MEAT BYPRODUCTS	0.500	P	0.012540	0.021	0.00000055051				
	21 COOKED-NFS						0.00037	0.000009	0.000	0.00000000040
53006BB	PORK(ORGAN MEATS)-OTHER	0.500	P	0.001925	0.003	0.00000008451				
	21 COOKED-NFS						0.00430	0.000015	0.000	0.00000000066

Table 2.

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS DATE: 06/26/95 PAGE: 8

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Iprodione (Glycophene) Caswell #470A CAS No. 36734-19-7 A.I. CODE: 109801 CFR No. 180.399 185.3750	2yr feeding- rat NOEL= 6.1000 mg/kg 150.00 ppm LEL= 12.4000 mg/kg 300.00 ppm ONCO: B2 (HCPRC)	Enlargement of the cells of the zona glomerulosa in M&F. Referred to HED Carcinogenicity Peer Review Comm.	ADI UF -->100 OPP RfD= 0.060000 EPA RfD= 0.040000 Q*: 0.04390	No data gaps.	WHO reviewed 1977 HED reviewed 12/19/86 EPA verified 07/15/87 WHO reviewed 1992 RfD/PR reviewed 02/10/94 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: U.S. POPULATION - 48 STATES

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
	26 COOKED-FRESH-PICKLED,CORNED,OR CURED						0.00430	0.000001	0.000	0.00000000004
53006FA	PORK(BONELESS)-FAT (INCLUDING LARD)	0.500	P	0.104101	0.174	0.00000457003				
	10 RAW-FRESH OR NFS						0.00110	0.000002	0.000	0.00000000009
	21 COOKED-NFS						0.00110	0.000107	0.000	0.00000000470
	23 COOKED-FRESH-BOILED						0.00110	0.000025	0.000	0.00000000110
	25 COOKED-FRESH-FRIED						0.00110	0.000027	0.000	0.00000000119
	26 COOKED-FRESH-PICKLED,CORNED,OR CURED						0.00110	0.000068	0.000	0.00000000299
53006KA	PORK(ORGAN MEATS)-KIDNEY	3.000	P	0.000032	0.000	0.00000000140				
	21 COOKED-NFS						0.00430	0.000000	0.000	0.00000000000
53006LA	PORK(ORGAN MEATS)-LIVER	3.000	P	0.014458	0.024	0.00000063471				
	21 COOKED-NFS						0.00350	0.000015	0.000	0.00000000066
	25 COOKED-FRESH-FRIED						0.00350	0.000002	0.000	0.00000000009
53006MA	PORK(BONELESS)-LEAN (W/O REMOVEABLE FAT)	0.500	P	0.195623	0.326	0.00000858785				
	21 COOKED-NFS						0.00037	0.000067	0.000	0.00000000294
	25 COOKED-FRESH-FRIED						0.00037	0.000018	0.000	0.00000000079
	26 COOKED-FRESH-PICKLED,CORNED,OR CURED						0.00037	0.000060	0.000	0.00000000263
	CROP GROUP TOTALS FOR RED MEAT:			1.180935	1.968	0.00005184305		0.002668	0.004	0.00000011713
55008BA	TURKEY-BYPRODUCTS	1.000	P	0.000236	0.000	0.00000001036				
	21 COOKED-NFS						0.00057	0.000000	0.000	0.00000000000
	26 COOKED-FRESH-PICKLED,CORNED,OR CURED						0.00057	0.000000	0.000	0.00000000000
55008LA	TURKEY-GIBLETS (LIVER)	5.000	P	0.000268	0.000	0.00000001177				
	21 COOKED-NFS						0.01040	0.000000	0.000	0.00000000000
	25 COOKED-FRESH-FRIED						0.01040	0.000000	0.000	0.00000000000
55008MA	TURKEY-FLESH(W/O SKIN & W/O BONES)	1.000	P	0.007973	0.013	0.00000035001				
	21 COOKED-NFS						0.00057	0.000003	0.000	0.00000000013
	31 COOKED-FRESH OR CANNED						0.00057	0.000001	0.000	0.00000000004
	62 COOKED-FRESH OR FROZEN-BAKED						0.00057	0.000001	0.000	0.00000000004
55008MB	* TURKEY-FLESH(+SKIN & W/O BONES)	3.500	P	0.168579	0.281	0.00000740062				
	21 COOKED-NFS						0.00440	0.000200	0.000	0.00000000878
	25 COOKED-FRESH-FRIED						0.00440	0.000012	0.000	0.00000000053
55008MC	TURKEY-UNSPECIFIED	1.000	P	0.000095	0.000	0.00000000417				
	21 COOKED-NFS						0.00440	0.000000	0.000	0.00000000000
55013BA	POULTRY/OTHER-BYPRODUCTS	1.000	P	0.000001	0.000	0.00000000004				
	00 NOT SPECIFIED						0.00057	0.000000	0.000	0.00000000000
55013LA	POULTRY/OTHER-GIBLETS(LIVER)	5.000	P	0.001161	0.002	0.00000005097				
	25 COOKED-FRESH-FRIED						0.01040	0.000002	0.000	0.00000000009
55013MA	POULTRY/OTHER-FLESH (+SKIN & W/O BONES)	3.500	P	0.018859	0.031	0.00000082791				
	21 COOKED-NFS						0.00440	0.000024	0.000	0.00000000105
55015BA	CHICKEN-BYPRODUCTS	1.000	P	0.000001	0.000	0.00000000004				
	00 NOT SPECIFIED						0.00057	0.000000	0.000	0.00000000000

Table 2.

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS DATE: 06/26/95 PAGE: 9

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Iprodione (Glycophene) Caswell #470A CAS No. 36734-19-7 A.I. CODE: 109801 CFR No. 180.399 185.3750	2yr feeding- rat NOEL= 6.1000 mg/kg 150.00 ppm LEL= 12.4000 mg/kg 300.00 ppm ONCO: B2 (HCPRC)	Enlargement of the cells of the zona glomerulosa in M&F. Referred to HED Carcinogenicity Peer Review Comm.	ADI UF -->100 OPP RfD= 0.060000 EPA RfD= 0.040000 Q*: 0.04390	No data gaps.	WHO reviewed 1977 HED reviewed 12/19/86 EPA verified 07/15/87 WHO reviewed 1992 RfD/PR reviewed 02/10/94 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: U.S. POPULATION - 48 STATES

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
55015LA	CHICKEN-GIBLETS(LIVER)	5.000	P	0.025313	0.042	0.00000111124				
	21 COOKED-NFS						0.01040	0.000002	0.000	0.00000000009
	25 COOKED-FRESH-FRIED						0.01040	0.000047	0.000	0.00000000206
	26 COOKED-FRESH-PICKLED,CORNED,OR CURED						0.01040	0.000004	0.000	0.00000000018
55015MA	CHICKEN-FLESH(W/O SKIN & W/O BONES)	1.000	P	0.060136	0.100	0.00000263997				
	21 COOKED-NFS						0.00057	0.000022	0.000	0.00000000097
	22 COOKED-FRESH-BAKED						0.00057	0.000003	0.000	0.00000000013
	25 COOKED-FRESH-FRIED						0.00057	0.000001	0.000	0.00000000004
	31 COOKED-FRESH OR CANNED						0.00057	0.000005	0.000	0.00000000022
	53 COOKED-CANNED-BOILED						0.00057	0.000003	0.000	0.00000000013
55015MB	CHICKEN-FLESH(+SKIN & W/O BONES)	3.500	P	1.327622	2.213	0.00005828261				
	21 COOKED-NFS						0.00440	0.000909	0.002	0.00000003991
	25 COOKED-FRESH-FRIED						0.00440	0.000760	0.001	0.00000003336
	CROP GROUP TOTALS FOR POULTRY:			1.610244	2.684	0.00007068971		0.001999	0.003	0.00000008776
50000DB	MILK-NON-FAT SOLIDS	0.500	P	3.556431	5.927	0.00015612732				
	10 RAW-FRESH OR NFS						0.00730	0.041642	0.069	0.00000182808
	21 COOKED-NFS						0.00730	0.008438	0.014	0.00000037043
	51 COOKED-CANNED						0.00730	0.001844	0.003	0.00000008095
50000FA	MILK-FAT SOLIDS	0.500	P	1.691807	2.820	0.00007427033				
	10 RAW-FRESH OR NFS						0.00730	0.019446	0.032	0.00000085368
	21 COOKED-NFS						0.00730	0.005180	0.009	0.00000022740
	51 COOKED-CANNED						0.00730	0.000075	0.000	0.00000000329
50000SA	MILK SUGAR (LACTOSE)	0.500	P	0.018714	0.031	0.00000082154				
	21 COOKED-NFS						0.00730	0.000000	0.000	0.00000000000
	51 COOKED-CANNED						0.00730	0.000273	0.000	0.00000001198
55014AA	EGGS-WHOLE	1.500	P	0.846753	1.411	0.00003717246				
	10 RAW-FRESH OR NFS						0.00240	0.000010	0.000	0.00000000044
	21 COOKED-NFS						0.00240	0.000749	0.001	0.00000003288
	22 COOKED-FRESH-BAKED						0.00240	0.000144	0.000	0.00000000632
	23 COOKED-FRESH-BOILED						0.00240	0.000059	0.000	0.00000000259
	25 COOKED-FRESH-FRIED						0.00240	0.000393	0.001	0.00000001725
55014AB	EGGS-WHITE ONLY	1.500	P	0.013807	0.023	0.00000060613				
	10 RAW-FRESH OR NFS						0.00240	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00240	0.000002	0.000	0.00000000009
	22 COOKED-FRESH-BAKED						0.00240	0.000015	0.000	0.00000000066
	62 COOKED-FRESH OR FROZEN-BAKED						0.00240	0.000001	0.000	0.00000000004
	81 COOKED-FROZEN						0.00240	0.000003	0.000	0.00000000013
55014AC	EGGS-YOLK ONLY	1.500	P	0.009948	0.017	0.00000043672				
	10 RAW-FRESH OR NFS						0.00240	0.000002	0.000	0.00000000009

Table 2.

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS DATE: 06/26/95 PAGE: 10

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COMMODITY CONTRIBUTION BY RAC FOR: U.S. POPULATION - 48 STATES

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TMRC TYPE	TMRC (UG/KG/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
21	COOKED-NFS						0.00240	0.000005	0.000	0.00000000022
25	COOKED-FRESH-FRIED						0.00240	0.000006	0.000	0.00000000026
31	COOKED-FRESH OR CANNED						0.00240	0.000003	0.000	0.00000000013
	CROP GROUP TOTALS FOR DAIRY PRODUCTS:			6.137460	10.229	0.00026943449		0.078290	0.130	0.00000343693
GRAND TOTALS FOR U.S. POPULATION - 48 STATES				31.268281	52.114	0.00137267754		0.292147	0.487	0.00001282525

TOLERANCE TYPE: N=NEW; A=PENDING; P=PUBLISHED
TMRC=THEORETICAL MAXIMUM RESIDUE CONTRIBUTION
ARC = ANTICIPATED RESIDUE CONTRIBUTION
RFD = REFERENCE DOSE

Table 3: Iprodione Residues for Acute Dietary Risk Assessment

470A	01002AA10	25.0000	BLACKBERRIES
470A	01002AA21	25.0000	BLACKBERRIES
470A	01002AA62	25.0000	BLACKBERRIES
470A	01003AA10	25.0000	BOYSENBERRIES
~~470A~~	~~01004AA00~~	~~25.0000~~	~~DEWBERRIES~~
470A	01005AA00	25.0000	LOGANBERRIES
470A	01006AA10	25.0000	RASPBERRIES
470A	01006AA15	25.0000	RASPBERRIES
470A	01006AA31	25.0000	RASPBERRIES
470A	01006AA62	25.0000	RASPBERRIES
470A	01006AA70	25.0000	RASPBERRIES
470A	01007AA00	25.0000	YOUNGBERRIES
470A	01009AA10	15.0000	BLUEBERRIES
470A	01009AA21	15.0000	BLUEBERRIES
470A	01009AA22	15.0000	BLUEBERRIES
470A	01009AA62	15.0000	BLUEBERRIES
470A	01011AA10	15.0000	CURRANTS
470A	01011AA21	15.0000	CURRANTS
470A	01011AA22	15.0000	CURRANTS
470A	01014AA10	10.0000	GRAPES-FRESH
470A	01014AA21	10.0000	GRAPES-FRESH
470A	01014AA31	10.0000	GRAPES-FRESH
470A	01014DA10	50.0000C	GRAPES-RAISINS
470A	01014DA21	50.0000C	GRAPES-RAISINS
470A	01014DA22	50.0000C	GRAPES-RAISINS
470A	01014JA10	10.0000C	GRAPES-JUICE
470A	01014JA15	10.0000C	GRAPES-JUICE
470A	01014JA21	10.0000C	GRAPES-JUICE
470A	01016AA10	15.0000	STRAWBERRIES
470A	01016AA21	15.0000	STRAWBERRIES
470A	01016AA70	15.0000	STRAWBERRIES
470A	03001AA10	0.3000	ALMONDS
470A	03001AA21	0.3000	ALMONDS
470A	03001AA22	0.3000	ALMONDS
470A	05001AA10	20.0000	APRICOTS-FRESH
470A	05001AA21	20.0000	APRICOTS-FRESH
470A	05001AA31	20.0000	APRICOTS-FRESH
470A	05001DA10	112.000	CAPRICOTS-DRIED
470A	05001DA22	112.000	CAPRICOTS-DRIED
470A	05002AA10	20.0000	CHERRIES-FRESH
470A	05002AA21	20.0000	CHERRIES-FRESH
470A	05002AA31	20.0000	CHERRIES-FRESH
470A	05002AA62	20.0000	CHERRIES-FRESH
470A	05002DA00	122.000C	CHERRIES-DRIED
470A	05002JA15	20.0000C	CHERRIES-JUICE
470A	05002JA21	20.0000C	CHERRIES-JUICE
470A	05003AA10	20.0000	NECTARINES
470A	05004AA10	20.0000	PEACHES-FRESH
470A	05004AA21	20.0000	PEACHES-FRESH
470A	05004AA31	20.0000	PEACHES-FRESH
470A	05004AA51	20.0000	PEACHES-FRESH
470A	05004DA10	136.000C	PEACHES-DRIED
470A	05004DA21	136.000C	PEACHES-DRIED
470A	05005AA10	20.0000	PLUMS-FRESH
470A	05005AA31	20.0000	PLUMS-FRESH
470A	05005DA10	80.0000C	PLUMS-PRUNES
470A	05005DA21	80.0000C	PLUMS-PRUNES
470A	05005DA31	80.0000C	PLUMS-PRUNES
470A	05005JA10	80.0000C	PRUNE-JUICE
470A	05005JA62	80.0000C	PRUNE-JUICE
470A	06018AA10	10.0000	KIWI
470A	13005AA21	25.0000	BROCCOLI
470A	13005AA31	25.0000	BROCCOLI
470A	13005AA63	25.0000	BROCCOLI
470A	13010AA10	15.0000	CABBAGE-CHINESE
470A	13010AA21	15.0000	CABBAGE-CHINESE
470A	13013AA10	25.0000	LETTUCE-LEAFY
470A	13020AA10	25.0000	LETTUCE-UNSPEC
470A	13045AA10	25.0000	LETTUCE-HEAD
470A	13045AA21	25.0000	LETTUCE-HEAD
470A	14003AA10	5.0000	CARROTS
470A	14003AA21	5.0000	CARROTS
470A	14003AA23	5.0000	CARROTS
470A	14003AA31	5.0000	CARROTS
470A	14003AA51	5.0000	CARROTS
470A	14007AA10	0.1000	GARLIC
470A	14007AA21	0.1000	GARLIC
~~470A~~	~~14007AA32~~	~~0.1000~~	~~GARLIC~~
470A	14011AA10	0.5000	ONIONS-DRY-BULB
470A	14011AA21	0.5000	ONIONS-DRY-BULB
470A	14011AA22	0.5000	ONIONS-DRY-BULB
470A	14011AA31	0.5000	ONIONS-DRY-BULB
470A	14011DA12	0.5000	ONIONS-DRIED
470A	14013AA10	0.5000	POTATO(WH)-WHOLE
470A	14013AA21	0.5000	POTATO(WH)-WHOLE
470A	14013AA22	0.5000	POTATO(WH)-WHOLE
470A	14013AB22	0.5000	POTATO(WH)-UNSPE
470A	14013AC21	0.5000	POTATO(WH)-PULP
470A	14013AC22	0.5000	POTATO(WH)-PULP
470A	14013AC23	0.5000	POTATO(WH)-PULP
470A	14013AC25	0.5000	POTATO(WH)-PULP
470A	14013DA10	0.5000	POTATO(WH)-DRY
470A	14013DA31	0.5000	POTATO(WH)-DRY
470A	14013HA22	0.5000	POTATO(WH)-PEEL
470A	14017AA00	0.5000	SHALLOTS
470A	15001AA00	2.0000	BEANS-DRY-GRT NO
470A	15001AB21	2.0000	BEANS-DRY-KIDNEY
470A	15001AB31	2.0000	BEANS-DRY-KIDNEY
470A	15001AC21	2.0000	BEANS-DRY-LIMA
470A	15001AD21	2.0000	BEANS-DRY-NAVY
470A	15001AD31	2.0000	BEANS-DRY-NAVY
470A	15001AE21	2.0000	BEANS-DRY-OTHER
470A	15001AE25	2.0000	BEANS-DRY-OTHER
470A	15001AE31	2.0000	BEANS-DRY-OTHER
470A	15001AF21	2.0000	BEANS-DRY-PINTO
470A	15002AA10	2.0000	BEANS-SUCC-LIMA
470A	15002AA21	2.0000	BEANS-SUCC-LIMA
470A	15003AA21	2.0000	BEANS-SUCC-GREEN
470A	15003AB10	2.0000	BEANS-SUCC-OTH
470A	15003AB21	2.0000	BEANS-SUCC-OTH
470A	15003AC21	2.0000	BEANS-SUCC-WAX
470A	15006AA10	0.5000	PEANUTS-WHOLE
470A	15006AA21	0.5000	PEANUTS-WHOLE
470A	15006AA22	0.5000	PEANUTS-WHOLE
470A	15013AA10	2.0000	MUNG BEANS
470A	15013AA21	2.0000	MUNG BEANS
470A	15022AA00	2.0000	BEANS-DRY-BROAD
470A	15022AB00	2.0000	BEANS-SUCC-BROAD
470A	15023AA21	2.0000	BEANS-DRY-PIGEON
470A	15027AA21	2.0000	BEANS-UNSPEC
470A	15030AA00	2.0000	BEANS-DRY-HYAC
470A	15030AB00	2.0000	BEANS-SUCC-HYAC
470A	15031AA21	2.0000	BLKEYE PEAS-DRY
470A	15032AA21	2.0000	BEANS-DRY
470A	15032AA31	2.0000	BEANS-DRY
470A	24004AA21	10.0000	RICE-ROUGH
470A	24004AA23	10.0000	RICE-ROUGH
470A	24004AB21	1.1000	RICE-MILLED
470A	24004AB22	1.1000	RICE-MILLED
470A	24004AB23	1.1000	RICE-MILLED
470A	24004AB31	1.1000	RICE-MILLED
470A	27007OA18	0.1550	PEANUTS-OIL
470A	43058AA10	60.0000	WINE AND SHERRY
470A	43058AA21	60.0000	WINE AND SHERRY
470A	50000DB10	0.5000	MILK-NON-FAT SOL
470A	50000DB21	0.5000	MILK-NON-FAT SOL
470A	50000DB51	0.5000	MILK-NON-FAT SOL
470A	50000FA10	0.5000	MILK-FAT SOLIDS
470A	50000FA21	0.5000	MILK-FAT SOLIDS
470A	50000FA51	0.5000	MILK-FAT SOLIDS
470A	50000SA21	0.5000	MILK SUG (LACT)
470A	50000SA51	0.5000	MILK SUG (LACT)
470A	53001BA21	3.0000	BEEF-MEAT BYP
470A	53001BA26	3.0000	BEEF-MEAT BYP
470A	53001BB21	3.0000	BEEF-OTH ORGAN
470A	53001BB51	3.0000	BEEF-OTH ORGAN

Table 3: Iprodione Residues for Acute Dietary Risk Assessment

470A	53001DA21	0.5000	BEEF-DRIED
470A	53001FA10	0.5000	BEEF-FAT
470A	53001FA21	0.5000	BEEF-FAT
470A	53001FA22	0.5000	BEEF-FAT
470A	53001FA23	0.5000	BEEF-FAT
470A	53001FA24	0.5000	BEEF-FAT
470A	53001FA25	0.5000	BEEF-FAT
470A	53001KA21	3.0000	BEEF-KIDNEY
470A	53001LA25	3.0000	BEEF-LIVER
470A	53001LA31	3.0000	BEEF-LIVER
470A	53001MA10	0.5000	BEEF-LEAN
470A	53001MA21	0.5000	BEEF-LEAN
470A	53001MA22	0.5000	BEEF-LEAN
470A	53001MA23	0.5000	BEEF-LEAN
470A	53001MA24	0.5000	BEEF-LEAN
470A	53002BA00	3.0000	GOAT-MEAT BYP
470A	53002BB00	3.0000	GOAT-OTH ORGAN
470A	53002FA23	0.5000	GOAT-FAT
470A	53002FA25	0.5000	GOAT-FAT
470A	53002KA00	3.0000	GOAT-KIDNEY
470A	53002LA00	3.0000	GOAT-LIVER
470A	53002MA23	0.5000	GOAT-LEAN
470A	53002MA25	0.5000	GOAT-LEAN
470A	53003AA00	3.0000	HORSE
470A	53005BA21	3.0000	SHEEP-MEAT BYP
470A	53005BB21	3.0000	SHEEP-OTH ORGAN
470A	53005FA21	0.5000	SHEEP-FAT
470A	53005KA21	3.0000	SHEEP-KIDNEY
470A	53005LA00	3.0000	SHEEP-LIVER
470A	53005MA21	0.5000	SHEEP-LEAN
470A	53005MA31	0.5000	SHEEP-LEAN
470A	53006BA21	3.0000	PORK-MEAT BYP
470A	53006BB21	3.0000	PORK-OTH ORGAN
470A	53006BB26	3.0000	PORK-OTH ORGAN
470A	53006FA10	0.5000	PORK-FAT
470A	53006FA21	0.5000	PORK-FAT
470A	53006FA23	0.5000	PORK-FAT
470A	53006FA25	0.5000	PORK-FAT
470A	53006FA26	0.5000	PORK-FAT
470A	53006KA21	3.0000	PORK-KIDNEY
470A	53006LA21	3.0000	PORK-LIVER
470A	53006LA25	3.0000	PORK-LIVER
470A	53006MA21	0.5000	PORK-LEAN
470A	53006MA25	0.5000	PORK-LEAN
470A	53006MA26	0.5000	PORK-LEAN
470A	55008BA21	5.0000	TURKEY-BYP
470A	55008BA26	5.0000	TURKEY-BYP
470A	55008LA21	5.0000	TURKEY ORGAN
470A	55008LA25	5.0000	TURKEY ORGAN
470A	55008MA21	1.0000	TURKEY W/O SKIN
470A	55008MA31	1.0000	TURKEY W/O SKIN
470A	55008MA62	1.0000	TURKEY W/O SKIN
470A	55008MB21	3.5000	TURKEY+SKIN
470A	55008MB25	3.5000	TURKEY+SKIN
470A	55008MC21	5.0000	TURKEY-UNSPEC
470A	55013BA00	5.0000	POULTRY,OTH-BYP
470A	55013LA25	5.0000	POULTRY,ORGAN
470A	55013MA21	3.5000	POULTRY,OTHER
470A	55014AA10	1.5000	EGGS-WHOLE
470A	55014AA21	1.5000	EGGS-WHOLE
470A	55014AA22	1.5000	EGGS-WHOLE
470A	55014AA23	1.5000	EGGS-WHOLE
470A	55014AA25	1.5000	EGGS-WHOLE
470A	55014AB10	1.5000	EGGS-WHITE ONLY
470A	55014AB21	1.5000	EGGS-WHITE ONLY
470A	55014AB22	1.5000	EGGS-WHITE ONLY
470A	55014AB62	1.5000	EGGS-WHITE ONLY
470A	55014AB81	1.5000	EGGS-WHITE ONLY
470A	55014AC10	1.5000	EGGS-YOLK ONLY
470A	55014AC21	1.5000	EGGS-YOLK ONLY
470A	55014AC25	1.5000	EGGS-YOLK ONLY
470A	55014AC31	1.5000	EGGS-YOLK ONLY
470A	55015BA00	5.0000	CHICKEN-BYP
470A	55015LA21	5.0000	CHICKEN-ORGAN
470A	55015LA25	5.0000	CHICKEN-ORGAN
470A	55015LA26	5.0000	CHICKEN-ORGAN
470A	55015MA21	1.0000	CHICKEN-W/O SKIN
470A	55015MA22	1.0000	CHICKEN-W/O SKIN
470A	55015MA25	1.0000	CHICKEN-W/O SKIN
470A	55015MA31	1.0000	CHICKEN-W/O SKIN
470A	55015MA53	1.0000	CHICKEN-W/O SKIN
470A	55015MB21	3.5000	CHICKEN+SKIN
470A	55015MB25	3.5000	CHICKEN+SKIN

Table 4: Acute Analysis for Iprodione using Acute ARs (some above tolerance level)

DETAILED ACUTE ANALYSIS INCLUDING AR'S: ALL STATISTICS BASED ON USERS' DAILY CONSUMPTION 09:20 Friday, June 16, 1995 48

	STUDY	RDV	NOEL	SF	STUDY TYPE	SPECIES	EFF. LEV.	CORE GRADE	DOC. NO.
*NAME: GLYCOPHENE (IPRODIONE)	A	00000.2500	000500.000	000100	Reprodctn	Rat	Systemic	Minimum	0000001519*
*CASWELL NO: 470A CFR NO: CFR180.399	B	00001.7860	001250.000	000100	Chron-onco	Mouse	Systemic	Minimum	0000001519*
*CAS NO: 36734-19-7 SHAUGHNESSY NO: 109801	C	00000.6000	002400.000	000100	Subchronic	Dog	Systemic	Minimum	0000001519*

*RDV INFO: The LD value used in this analysis is 0.06 MG/KG of BODY WEIGHT/DAY *

FILE INFO: No Tolerance Data Are Used--Without User Modifications. AR DATA: No User Modifications

FEMALES(13+ YRS)

ESTIMATES BASED ON	ESTIMATED % OF POTENTIAL: PERSON DAYS THAT ARE USER-DAYS	MEAN DAILY RESIDUE CONTRIBUTION PER USER-DAY: MG/KG BODY WEIGHT/DAY	AS PERCENT OF RDV
TOLERANCES:	0.00	0.000000	0.00
ANTICIPATED RESIDUES:	99.80	0.030458	50.76

ESTIMATED % OF POPULATION USER-DAYS WITH RESIDUE CONTRIBUTION EXCEEDING X TIMES THE RDV, FOR X=

	0	.2	.4	.6	.8	1	1.2	1.4	1.6	1.8	2	3	4	5	10	15	20
TOLERANCES:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTICIPATED RESIDUES:	100	53	32	21	15	11	9	7	6	5	5	2	1	1	0	0	0

MOE = NOEL ÷ High end Exposure
= 60 mg/kg/day ÷ (0.06 mg/kg/day x 10) = 100