



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

3-8-96

MAR 8 1996

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OFFICE OF  
PREVENTION, PESTICIDES, AND  
TOXIC SUBSTANCES

**MEMORANDUM**

**SUBJECT:** Dietary Exposure Analysis for the Use of Esfenvalerate  
in/on Sugarbeets. PP# 4E3120

**FROM:** Brian Steinwand *BS*  
Dietary Risk Evaluation Section  
Science Analysis Branch/HED (7509C)

**THROUGH:** Elizabeth Doyle, Section Head *E.A. Doyle*  
Dietary Risk Evaluation Section  
SAB/Health Effects Division

**TO:** G. LaRocca/S. Moats, PM 13 *W. B...*  
Registration Division (7505C)

**Action Requested**

Provide a dietary exposure analysis for the use of Esfenvalerate in/on sugarbeets. The petition requests that a tolerance of 0.50 ppm be established.

**Discussion**

For the purposes of this analysis, new tolerances (which reflect the change from fenvalerate tolerances to esfenvalerate tolerances) were supplied by CBTS for numerous commodities (See memo, S. Willett, 2/12/96). In addition, anticipated residue information was supplied for milk and milk fat (See memo, S. Willett, 2/20/96).

For the purposes of this analysis, the new tolerances on head lettuce were upgraded to pending status.

There is an existing food handling establishment tolerance (3H5383) on sugarbeets at 0.05 ppm. Thus, for the purposes of this analysis, a new tolerance of 0.45 was added.

**Toxicological Endpoint:**

The DRES chronic exposure analysis used a Reference Dose (RfD) of 0.025 mg/kg bwt/day based on a no observed effect level (NOEL) of 2.5 mg/kg bwt/day and an uncertainty factor of 100 (See IRIS). The NOEL is based on a thirteen week rat feeding study which demonstrated neurological dysfunction as endpoint effects.

There is no evidence of carcinogenicity in rats or mice.

**Residue Information**

Tolerances for Esfenvalerate are published in 40 CFR § 180.379 and 185.1300.

The proposed feed additive tolerance of 2.5 ppm for dried sugar beet pulp is appropriate, based on the application of a 5X concentration factor to the proposed 0.5 ppm tolerance for sugar beet roots (See memo, S. Willett, 2/28/96).

**Results**

A summary of the residue information considered in this analysis is attached as Table 1. A DRES chronic exposure analysis was performed using anticipated residues and percent crop treated information (where available) to estimate the Theoretical Maximum Residue Contribution (TMRC) and the Anticipated Residue Contribution (ARC) for the general population and 22 subgroups. Summaries of the ARCs and their representations as percentages of the Reference Dose (RfD) are included as Table 2 and 3.

A summary of the commodity contribution analysis is attached as Table 4.

**Chronic Exposure Analysis**

**Exposure from Existing ARs for Esfenvalerate:**

<u>Subgroup</u>	<u>Exposure (mg/kg/day)</u>	<u>ARC</u>
U.S. Population	0.008548	34.2
Non-Nursing Infants (< 1 yr)	0.029115	116.4

**Proposed new ARs on sugarbeets:**

U.S. Population	0.000149	.598
Non-Nursing Infants (< 1 yr)	0.000174	.695

**If the new ARs on sugarbeets are approved:**

U.S. Population	0.008697	34.8
Non-Nursing Infants (< 1 yr)	0.029288	117.1

Granting the tolerance on sugarbeets would account for less than 1% of the total RfD for esfenvalerate (See Table 4). This calculation also assumes that all sugarbeets are treated with Esfenvalerate, and thus, would overestimate dietary exposure in the subgroup of concern. However, before other petitions for the use of esfenvalerate are considered, tolerance refinements such as percent crop treated data a/o anticipated residues should be supplied.

cc: DRES; Caswell # 077A; RCAB; CBTS I (S. Willett)

<b>CHEMICAL</b> Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	<b>STUDY TYPE</b> 13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	<b>EFFECTS</b> Neurological dysfunction. No evidence of carcinog- enicity in rats or mice.	<b>REFERENCE DOSES</b> ADI UF -->100 OPP Rfd= 0.025000 EPA Rfd= 0.025000	<b>DATA GAPS/COMMENTS</b> No data gaps. Issue concerning isomers to be resolved by HED reviewer.	<b>STATUS</b> WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88 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	5E3242	P 1.000000	1.000000		100.00	1.000000
01002AA	BLACKBERRIES	21 COOKED-NFS	5E3242	P 1.000000	1.000000		100.00	1.000000
01002AA	BLACKBERRIES	62 COOKED-FRESH OR FROZEN-BAKED	5E3242	P 1.000000	1.000000		100.00	1.000000
01003AA	BOYSENBERRIES	10 RAW-FRESH OR NFS	5E3242	P 1.000000	1.000000		100.00	1.000000
01004AA	DEWBERRIES	00 NOT SPECIFIED (NO CONSUMPTION)	5E3242	P 1.000000	1.000000		100.00	1.000000
01005AA	LOGANBERRIES	00 NOT SPECIFIED (NO CONSUMPTION)	5E3242	P 1.000000	1.000000		100.00	1.000000
01006AA	RASPBERRIES	10 RAW-FRESH OR NFS	5E3242	P 1.000000	1.000000		100.00	1.000000
01006AA	RASPBERRIES	15 RAW-FRESH OR CANNED	5E3242	P 1.000000	1.000000		100.00	1.000000
01006AA	RASPBERRIES	31 COOKED-FRESH OR CANNED	5E3242	P 1.000000	1.000000		100.00	1.000000
01006AA	RASPBERRIES	62 COOKED-FRESH OR FROZEN-BAKED	5E3242	P 1.000000	1.000000		100.00	1.000000
01006AA	RASPBERRIES	70 RAW-FROZEN	5E3242	P 1.000000	1.000000		100.00	1.000000
01007AA	YOUNGBERRIES	00 NOT SPECIFIED (NO CONSUMPTION)	5E3242	P 1.000000	1.000000		100.00	1.000000
01009AA	BLUEBERRIES	10 RAW-FRESH OR NFS	5E3242	P 1.000000	1.000000		100.00	1.000000
01009AA	BLUEBERRIES	21 COOKED-NFS	5E3242	P 1.000000	1.000000		100.00	1.000000
01009AA	BLUEBERRIES	22 COOKED-FRESH-BAKED	5E3242	P 1.000000	1.000000		100.00	1.000000
01009AA	BLUEBERRIES	62 COOKED-FRESH OR FROZEN-BAKED	5E3242	P 1.000000	1.000000		100.00	1.000000
01010AA	CRANBERRIES	10 RAW-FRESH OR NFS	9E3697	A 1.000000	1.000000		100.00	1.000000
01010AA	CRANBERRIES	21 COOKED-NFS	9E3697	A 1.000000	1.000000		100.00	1.000000
01010AA	CRANBERRIES	31 COOKED-FRESH OR CANNED	9E3697	A 1.000000	1.000000		100.00	1.000000
01010AA	CRANBERRY-JUICE	15 RAW-FRESH OR CANNED	9E3697	A 1.000000	1.000000		100.00	1.000000
01010AA	CRANBERRY-JUICE	31 COOKED-FRESH OR CANNED	9E3697	A 1.000000	1.000000		100.00	1.000000
01011AA	CURRANTS	10 RAW-FRESH OR NFS	5E3242	P 1.000000	1.000000		100.00	1.000000
01011AA	CURRANTS	21 COOKED-NFS	5E3242	P 1.000000	1.000000		100.00	1.000000
01011AA	CURRANTS	22 COOKED-FRESH-BAKED	5E3242	P 1.000000	1.000000		100.00	1.000000
01012AA	ELDERBERRIES	10 RAW-FRESH OR NFS	5E3242	P 1.000000	1.000000		100.00	1.000000
01013AA	GOOSEBERRIES	62 COOKED-FRESH OR FROZEN-BAKED	5E3242	P 1.000000	1.000000		100.00	1.000000
01014AA	GRAPES-FRESH	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
01014AA	GRAPES-FRESH	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
01014AA	GRAPES-FRESH	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
01014AA	GRAPES-RAISINS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
01014AA	GRAPES-RAISINS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
01014AA	GRAPES-RAISINS	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
01014AA	GRAPES-RAISINS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
01014AA	GRAPES-RAISINS	15 RAW-FRESH OR CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
01014AA	GRAPES-RAISINS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
01014AA	GRAPES-RAISINS	00 NOT SPECIFIED (NO CONSUMPTION)	5E3242	P 1.000000	1.000000		100.00	1.000000
01015AA	HUCKLEBERRIES	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
01016AA	STRAWBERRIES	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
01016AA	STRAWBERRIES	70 RAW-FROZEN	3H5383	P 0.050000	0.050000		100.00	0.050000
01024AA	JUNE BERRY	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2,5000 mg/kg 50.00 ppm LEL= 7,5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinog- enicity in rats or mice.	ADI UF -->100 OPP Rfd= 0.025000 EPA Rfd= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  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)
01025AA	MULBERRIES	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
02001AA	CITRUS CITRUS	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
02002AA	GRAPEFRUIT-UNSP	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
02002AB	GRAPEFRUIT-PULP	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
02002AB	GRAPEFRUIT-PULP	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
02002JA	GRAPEFRUIT-JUICE	15 RAW-FRESH OR CANNED	3H5383	P 0.050000	0.050000C		100.00	0.050000
02002JA	GRAPEFRUIT-JUICE	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000C		100.00	0.050000
02003AA	KUMQUATS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
02004AA	LEMONS-UNSPEC	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
02004AA	LEMONS-UNSPEC	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
02004AB	LEMONS-PULP	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
02004AB	LEMONS-PULP	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
02004HA	LEMONS-PEEL	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
02004HA	LEMONS-PEEL	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
02004JA	LEMONS-JUICE	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000C		100.00	0.050000
02004JA	LEMONS-JUICE	15 RAW-FRESH OR CANNED	3H5383	P 0.050000	0.050000C		100.00	0.050000
02004JA	LEMONS-JUICE	21 COOKED-NFS	3H5383	P 0.050000	0.050000C		100.00	0.050000
02004JA	LEMONS-JUICE	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000C		100.00	0.050000
02005AA	LIMES-UNSPEC	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
02005AB	LIMES-PULP	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
02005HA	LIMES-PEEL	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
02005JA	LIMES-JUICE	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000C		100.00	0.050000
02005JA	LIMES-JUICE	15 RAW-FRESH OR CANNED	3H5383	P 0.050000	0.050000C		100.00	0.050000
02005JA	LIMES-JUICE	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000C		100.00	0.050000
02006AA	ORANGES-UNSPEC	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
02006AB	ORANGES-PULP	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
02006AB	ORANGES-PULP	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
02006HA	ORANGES-PEEL	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
02006HA	ORANGES-PEEL	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
02006HA	ORANGES-PEEL	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
02006JA	ORANGES-JUICE	15 RAW-FRESH OR CANNED	3H5383	P 0.050000	0.050000C		100.00	0.050000
02006JA	ORANGES-JUICE	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000C		100.00	0.050000
02007AA	TANGELOS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
02008AA	TANGERINES	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
02008JA	TANGERINE-JUICE	15 RAW-FRESH OR CANNED	3H5383	P 0.050000	0.050000C		100.00	0.050000
03001AA	ALMONDS	10 RAW-FRESH OR NFS	4F3027	P 0.200000	0.200000		100.00	0.200000
03001AA	ALMONDS	21 COOKED-NFS	4F3027	P 0.200000	0.200000		100.00	0.200000
03001AA	ALMONDS	22 COOKED-FRESH-BAKED	4F3027	P 0.200000	0.200000		100.00	0.200000
03002AA	BRAZIL NUTS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
03002AA	BRAZIL NUTS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000

<b>CHEMICAL</b> Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	<b>STUDY TYPE</b> 13wk feeding- rat NOEL= 2,5000 mg/kg 50.00 ppm LEL= 7,5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	<b>EFFECTS</b> Neurological dysfunction. No evidence of carcinog- enicity in rats or mice.	<b>REFERENCE DOSES</b> ADI UF -->100 OPP Rfd= 0.025000 EPA Rfd= 0.025000	<b>DATA GAPS/COMMENTS</b> No data gaps. Issue concerning isomers to be resolved by HED reviewer.	<b>STATUS</b> WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88 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)
03003AA	CASHEWS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
03003AA	CASHEWS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
03004AA	CHESTNUTS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
03005AA	FILBERTS	10 RAW-FRESH OR NFS	1E2493	P 0.200000	0.200000		100.00	0.200000
03005AA	FILBERTS	21 COOKED-NFS	1E2493	P 0.200000	0.200000		100.00	0.200000
03005AA	FILBERTS	22 COOKED-FRESH-BAKED	1E2493	P 0.200000	0.200000		100.00	0.200000
03006AA	HICKORY NUTS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
03007AA	MACADAMIA NUTS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
03008AA	PECANS	10 RAW-FRESH OR NFS	NOPE#	P 0.200000	0.200000		100.00	0.200000
03008AA	PECANS	21 COOKED-NFS	NOPE#	P 0.200000	0.200000		100.00	0.200000
03008AA	PECANS	22 COOKED-FRESH-BAKED	NOPE#	P 0.200000	0.200000		100.00	0.200000
03008AA	PECANS	23 COOKED-FRESH-BOILED	NOPE#	P 0.200000	0.200000		100.00	0.200000
03008AA	PECANS	62 COOKED-FRESH OR FROZEN-BAKED	NOPE#	P 0.200000	0.200000		100.00	0.200000
03009AA	WALNUTS	10 RAW-FRESH OR NFS	4F2994	P 0.200000	0.200000		100.00	0.200000
03009AA	WALNUTS	21 COOKED-NFS	4F2994	P 0.200000	0.200000		100.00	0.200000
03009AA	WALNUTS	22 COOKED-FRESH-BAKED	4F2994	P 0.200000	0.200000		100.00	0.200000
03010AA	BUTTER NUTS	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
03011AA	PISTACHIO NUTS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
03013AA	BEECHNUTS	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
04001AA	APPLES-FRESH	10 RAW-FRESH OR NFS	NOPE#	P 1.000000	1.000000		100.00	1.000000
04001AA	APPLES-FRESH	21 COOKED-NFS	NOPE#	P 1.000000	1.000000		100.00	1.000000
04001AA	APPLES-FRESH	31 COOKED-FRESH OR CANNED	NOPE#	P 1.000000	1.000000		100.00	1.000000
04001AA	APPLES-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	NOPE#	P 1.000000	1.000000		100.00	1.000000
04001DA	APPLES-DRIED	10 RAW-FRESH OR NFS	NOPE#	P 1.000000	1.000000		100.00	1.000000
04001DA	APPLES-DRIED	22 COOKED-FRESH-BAKED	NOPE#	P 1.000000	1.000000		100.00	1.000000
04001DA	APPLES-DRIED	62 COOKED-FRESH OR FROZEN-BAKED	NOPE#	P 1.000000	1.000000		100.00	1.000000
04001JA	APPLES-JUICE	15 RAW-FRESH OR CANNED	NOPE#	P 1.000000	1.000000		100.00	1.000000
04001JA	APPLES-JUICE	31 COOKED-FRESH OR CANNED	NOPE#	P 1.000000	1.000000		100.00	1.000000
04002AA	CRABAPPLES	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
04003AA	PEARS-FRESH	10 RAW-FRESH OR NFS	OF2399	P 1.000000	1.000000		100.00	1.000000
04003AA	PEARS-FRESH	31 COOKED-FRESH OR CANNED	OF2399	P 1.000000	1.000000		100.00	1.000000
04003AA	PEARS-FRESH	51 COOKED-CANNED	OF2399	P 1.000000	1.000000		100.00	1.000000
04003AA	PEARS-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	OF2399	P 1.000000	1.000000		100.00	1.000000
04003DA	PEARS-DRIED	10 RAW-FRESH OR NFS	OF2399	P 1.000000	1.000000		100.00	1.000000
04003DA	PEARS-DRIED	21 COOKED-NFS	OF2399	P 1.000000	1.000000		100.00	1.000000
04004AA	QUINCES	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
05001AA	APRICOTS-FRESH	10 RAW-FRESH OR NFS	4F3027	P 3.000000	3.000000		100.00	3.000000
05001AA	APRICOTS-FRESH	21 COOKED-NFS	4F3027	P 3.000000	3.000000		100.00	3.000000
05001AA	APRICOTS-FRESH	31 COOKED-FRESH OR CANNED	4F3027	P 3.000000	3.000000		100.00	3.000000
05001DA	APRICOTS-DRIED	10 RAW-FRESH OR NFS	4F3027	P 3.000000	3.000000		100.00	3.000000

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CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
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05001DA	APRICOTS-DRIED	22 COOKED-FRESH-BAKED	4F3027	P 3.000000	3.000000		100.00	3.000000
05002AA	CHERRIES-FRESH	10 RAW-FRESH OR NFS	4F3027	P 3.000000	3.000000		100.00	3.000000
05002AA	CHERRIES-FRESH	21 COOKED-NFS	4F3027	P 3.000000	3.000000		100.00	3.000000
05002AA	CHERRIES-FRESH	31 COOKED-FRESH OR CANNED	4F3027	P 3.000000	3.000000		100.00	3.000000
05002AA	CHERRIES-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	4F3027	P 3.000000	3.000000		100.00	3.000000
05002DA	CHERRIES-DRIED	00 NOT SPECIFIED (NO CONSUMPTION)	4F3027	P 3.000000	3.000000		100.00	3.000000
05002JA	CHERRIES-JUICE	15 RAW-FRESH OR CANNED	4F3027	P 3.000000	3.000000		100.00	3.000000
05002JA	CHERRIES-JUICE	21 COOKED-NFS	4F3027	P 3.000000	3.000000		100.00	3.000000
05003AA	NECTARINES	10 RAW-FRESH OR NFS	4F3027	P 3.000000	3.000000		100.00	3.000000
05004AA	PEACHES-FRESH	10 RAW-FRESH OR NFS	4F3027	P 3.000000	3.000000		100.00	3.000000
05004AA	PEACHES-FRESH	21 COOKED-NFS	4F3027	P 3.000000	3.000000		100.00	3.000000
05004AA	PEACHES-FRESH	31 COOKED-FRESH OR CANNED	4F3027	P 3.000000	3.000000		100.00	3.000000
05004AA	PEACHES-FRESH	51 COOKED-CANNED	4F3027	P 3.000000	3.000000		100.00	3.000000
05004DA	PEACHES-DRIED	10 RAW-FRESH OR NFS	4F3027	P 3.000000	3.000000		100.00	3.000000
05004DA	PEACHES-DRIED	21 COOKED-NFS	4F3027	P 3.000000	3.000000		100.00	3.000000
05005AA	PLUMS-FRESH	10 RAW-FRESH OR NFS	4F3027	P 3.000000	3.000000		100.00	3.000000
05005AA	PLUMS-FRESH	31 COOKED-FRESH OR CANNED	4F3027	P 3.000000	3.000000		100.00	3.000000
05005DA	PLUMS-PRUNES	21 COOKED-NFS	4F3027	P 3.000000	3.000000		100.00	3.000000
05005DA	PLUMS-PRUNES	31 COOKED-FRESH OR CANNED	4F3027	P 3.000000	3.000000		100.00	3.000000
05005JA	PRUNE-JUICE	10 RAW-FRESH OR NFS	4F3027	P 3.000000	3.000000		100.00	3.000000
05005JA	PRUNE-JUICE	62 COOKED-FRESH OR FROZEN-BAKED	4F3027	P 3.000000	3.000000		100.00	3.000000
06001AA	AVOCADOS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06002AA	BANANAS-UNSPEC	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
06002AB	BANANAS-FRESH	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06002AB	BANANAS-FRESH	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06002AB	BANANAS-FRESH	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
06002DA	BANANAS-DRIED	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06002DA	BANANAS-DRIED	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06003AA	COCONUT-FRESH	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06003DA	COCONUT-FRESH	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06003DA	COCONUT-COPRA	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
06003DA	COCONUT-COPRA	62 COOKED-FRESH OR FROZEN-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
06003JA	COCONUT-WATER	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06004AA	DATES	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06004AA	DATES	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06004AA	DATES	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
06005AA	FIGS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06005AA	FIGS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  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)
06005AA	FIGS	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
06006AA	GUAVA	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06006AA	GUAVA	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06006AA	GUAVA	62 COOKED-FRESH OR FROZEN-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
06007AA	MANGOES	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06007AA	MANGOES	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06008AA	LOQUATS	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
06009AA	OLIVES	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06009AA	OLIVES	11 RAW-FRESH-PICKLED, CORNED, OR CURED	3H5383	P 0.050000	0.050000		100.00	0.050000
06009AA	OLIVES	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06010AA	PAPAYAS-UNSPEC	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
06010AB	PAPAYAS-PULP	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06010AB	PAPAYAS-PULP	51 COOKED-CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
060100A	PAPAYAS-DRIED	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000C		100.00	0.050000
06010JA	PAPAYAS-JUICE	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000C		100.00	0.050000
06011AA	PAPAWMS	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
06012AA	PERSTIMMONS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06013AA	PINEAPPLE-PULP	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06013AA	PINEAPPLE-PULP	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06013AA	PINEAPPLE-PULP	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
060130A	PINEAPPLE-DRIED	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000C		100.00	0.050000
06013JA	PINEAPPLE-JUICE	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000C		100.00	0.050000
06013JA	PINEAPPLE-JUICE	15 RAW-FRESH OR CANNED	3H5383	P 0.050000	0.050000C		100.00	0.050000
06013JA	PINEAPPLE-JUICE	21 COOKED-NFS	3H5383	P 0.050000	0.050000C		100.00	0.050000
06013JA	PINEAPPLE-JUICE	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000C		100.00	0.050000
06014AA	PASSION FRUIT	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
06015AA	POMEGRANATES	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06015AA	POMEGRANATES	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06016AA	PLANTAINS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06016AA	PLANTAINS	23 COOKED-FRESH-BOILED	3H5383	P 0.050000	0.050000		100.00	0.050000
06016AA	PLANTAINS	25 COOKED-FRESH-FRIED	3H5383	P 0.050000	0.050000		100.00	0.050000
06017AA	LYCHEES	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
060170A	LYCHEE-DRIED	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000C		100.00	0.050000
06018AA	KIWI	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06020AA	ACEROLA	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
06021AA	GINKGO NUTS	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
06022AA	MANEY	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
06023AA	PITANGA	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
06024AA	SOURSOP	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
06025AA	SUGAR APPLES	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000



CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinog- enicity in rats or mice.	ADI OPF RfD= 0.025000 EPA RfD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  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)
06026AA	BREAD FRUIT	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
06027AA	BREAD NUTS	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
06029AA	CARAMBOLA	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
06030AA	CHERIMOYA	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
06031AA	LONGAN FRUIT	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
06033AA	GENIP	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
07001FA	COCOA BUTTER	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
07001SA	CHOCOLATE	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
07001SA	CHOCOLATE	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
07001SA	CHOCOLATE	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
07002AA	COFFEE	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
07003AA	TEA	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
07006AA	CHICORY	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
08004AA	ANICE	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08006AA	BASIL	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08007AA	CARRAWAY	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08008AA	CASSIA	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08011AA	CINNAMON	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08012AA	CLOVE	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08013AA	CORTANDER	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08014AA	CUMIN	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08015AA	DILL	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08019AA	GINGER	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08020AA	HOPS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
08022AA	HORSERADISH	11 RAW-FRESH-PICKLED, CORNED, OR CURED	3H5383	P 0.050000	0.050000		100.00	0.050000
08023AA	ROSEMARY	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08026AA	MARJORAM	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08026AB	OREGANO	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08028AA	MUSTARD SEED	11 RAW-FRESH-PICKLED, CORNED, OR CURED	3H5383	P 0.050000	0.050000		100.00	0.050000
08028AA	MUSTARD SEED	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
08029AA	NUTMEG	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08029AB	MACI	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08035AA	SAGE	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08036AA	SAVORY	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08038AA	BAY	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08042AA	THYME	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08043AA	TURMERIC	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08047AA	ALLSPICE	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
08048DA	PAPRIKA	00 NOT SPECIFIED (NO CONSUMPTION)	2E2653	P 1.000000	1.000000		100.00	1.000000
08049AA	POPPY	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding - rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP Rfd= 0.025000 EPA Rfd= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  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)
1002AA	CANTALOUPE-UNSP	00 NOT SPECIFIED (NO CONSUMPTION)	MOPET#	P 0.500000	0.500000		100.00	0.500000
1002AB	CANTALOUPE-PULP	10 RAW-FRESH OR NFS	MOPET#	P 0.500000	0.500000		100.00	0.500000
1002AB	CANTALOUPE-PULP	21 COOKED-NFS	MOPET#	P 0.500000	0.500000		100.00	0.500000
1003AA	CASABAS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
1004AA	CRENSHAW	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
1005AA	HONEYDEW MELONS	10 RAW-FRESH OR NFS	MOPET#	P 0.500000	0.500000		100.00	0.500000
1007AA	PERSHON MELONS	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
1008AA	WATERMELON	10 RAW-FRESH OR NFS	MOPET#	P 0.500000	0.500000		100.00	0.500000
1008AA	WATERMELON	21 COOKED-NFS	MOPET#	P 0.500000	0.500000		100.00	0.500000
10010A	CUCUMBERS	10 RAW-FRESH OR NFS	MOPET#	P 0.500000	0.500000		100.00	0.500000
10010A	CUCUMBERS	11 RAW-FRESH-PICKLED, CORNED, OR CURED	MOPET#	P 0.500000	0.500000		100.00	0.500000
10010A	CUCUMBERS	21 COOKED-NFS	MOPET#	P 0.500000	0.500000		100.00	0.500000
10011A	PUMPKIN	21 COOKED-NFS	MOPET#	P 0.500000	0.500000		100.00	0.500000
10011A	PUMPKIN	22 COOKED-FRESH-BAKED	MOPET#	P 0.500000	0.500000		100.00	0.500000
10011A	PUMPKIN	62 COOKED-FRESH OR FROZEN-BAKED	MOPET#	P 0.500000	0.500000		100.00	0.500000
10013A	SQUASH-SUMMER	10 RAW-FRESH OR NFS	MOPET#	P 0.500000	0.500000		100.00	0.500000
10013A	SQUASH-SUMMER	21 COOKED-NFS	MOPET#	P 0.500000	0.500000		100.00	0.500000
10014A	SQUASH-WINTER	10 RAW-FRESH OR NFS	MOPET#	P 0.500000	0.500000		100.00	0.500000
10014A	SQUASH-WINTER	21 COOKED-NFS	MOPET#	P 0.500000	0.500000		100.00	0.500000
10014A	SQUASH-WINTER	31 COOKED-FRESH OR CANNED	MOPET#	P 0.500000	0.500000		100.00	0.500000
10017A	BITTER MELON	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
10020A	TOMELGOURD	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
11001A	EGGPLANT	10 RAW-FRESH OR NFS	2E2653	P 0.500000	0.500000		100.00	0.500000
11001A	EGGPLANT	21 COOKED-NFS	2E2653	P 0.500000	0.500000		100.00	0.500000
11001A	EGGPLANT	25 COOKED-FRESH-FRIED	2E2653	P 0.500000	0.500000		100.00	0.500000
11003A	PEPPERS, SWEET	10 RAW-FRESH OR NFS	2E2653	P 0.500000	0.500000		100.00	0.500000
11003A	PEPPERS, SWEET	21 COOKED-NFS	2E2653	P 0.500000	0.500000		100.00	0.500000
11003B	CHILI PEPPERS	00 NOT SPECIFIED (NO CONSUMPTION)	2E2653	P 0.500000	0.500000		100.00	0.500000
11003D	PEPPERS-OTHER	10 RAW-FRESH OR NFS	2E2653	P 0.500000	0.500000		100.00	0.500000
11003D	PEPPERS-OTHER	21 COOKED-NFS	2E2653	P 0.500000	0.500000		100.00	0.500000
11003D	PEPPERS-OTHER	51 COOKED-CANNED	2E2653	P 0.500000	0.500000		100.00	0.500000
11004A	PIMIENTOS	10 RAW-FRESH OR NFS	2E2653	P 0.500000	0.500000		100.00	0.500000
11004A	PIMIENTOS	21 COOKED-NFS	2E2653	P 0.500000	0.500000		100.00	0.500000
11004A	PIMIENTOS	31 COOKED-FRESH OR CANNED	2E2653	P 0.500000	0.500000		100.00	0.500000
11005AA	TOMATOES-WHOLE	10 RAW-FRESH OR NFS	MOPET#	P 0.500000	0.500000		100.00	0.500000
11005AA	TOMATOES-WHOLE	21 COOKED-NFS	MOPET#	P 0.500000	0.500000		100.00	0.500000
11005AA	TOMATOES-WHOLE	31 COOKED-FRESH OR CANNED	MOPET#	P 0.500000	0.500000		100.00	0.500000
11005JA	TOMATOES-JUICE	10 RAW-FRESH OR NFS	MOPET#	P 0.500000	0.500000		100.00	0.500000
11005JA	TOMATOES-JUICE	21 COOKED-NFS	MOPET#	P 0.500000	0.500000		100.00	0.500000
11005RA	TOMATOES-PUREE	10 RAW-FRESH OR NFS	MOPET#	P 0.500000	0.500000		100.00	0.500000

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2,500 mg/kg 50.00 ppm LEL= 7,500 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction. No evidence of carcinog- enicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps. Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/16/88 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)
11005RA	TOMATOES-PUREE	21 COOKED-NFS	NOPE2#	P 0.500000	0.500000		100.00	0.500000
11005RA	TOMATOES-PUREE	31 COOKED-FRESH OR CANNED	NOPE2#	P 0.500000	0.500000		100.00	0.500000
11005RA	TOMATOES-PUREE	32 COOKED-FRESH OR CANNED-BAKED	NOPE2#	P 0.500000	0.500000		100.00	0.500000
11005RA	TOMATOES-PUREE	51 COOKED-CANNED	NOPE2#	P 0.500000	0.500000		100.00	0.500000
11005TA	TOMATOES-PASTE	21 COOKED-NFS	NOPE2#	P 0.500000	0.500000		100.00	0.500000
11005TA	TOMATOES-PASTE	22 COOKED-FRESH-BAKED	NOPE2#	P 0.500000	0.500000		100.00	0.500000
11005TA	TOMATOES-PASTE	31 COOKED-FRESH OR CANNED	NOPE2#	P 0.500000	0.500000		100.00	0.500000
11005UA	TOMATOES-CATSUP	21 COOKED-NFS	NOPE2#	P 0.500000	0.500000		100.00	0.500000
11006AA	GROUNDCHERRIES	00 NOT SPECIFIED (NO CONSUMPTION)						
13001AA	BEETS-TOPS	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
13001AA	BEETS-TOPS	63 COOKED-FRESH OR FROZEN-BOILED	3H5383	P 0.050000	0.050000		100.00	0.050000
13002AA	CELERY	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13002AA	CELERY	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13003AA	CHICORY	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13003AA	CHICORY	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13005AA	BROCCOLI	31 COOKED-FRESH OR CANNED	2F2587	P 1.000000	1.000000		100.00	1.000000
13005AA	BROCCOLI	63 COOKED-FRESH OR FROZEN-BOILED	2F2587	P 1.000000	1.000000		100.00	1.000000
13006AA	BRUSSEL SPROUTS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13006AA	BRUSSEL SPROUTS	23 COOKED-FRESH-BOILED	NOPE2#	P 3.000000	30.000000		100.00	30.000000
13007AA	CABBAGE	10 RAW-FRESH OR NFS	NOPE2#	P 3.000000	3.000000		100.00	3.000000
13007AA	CABBAGE	11 RAW-FRESH-PICKLED,CORNNED,OR CURED	NOPE2#	P 3.000000	3.000000		100.00	3.000000
13007AA	CABBAGE	21 COOKED-NFS	NOPE2#	P 3.000000	3.000000		100.00	3.000000
13008AA	CAULIFLOWER	10 RAW-FRESH OR NFS	2F2587	P 0.500000	0.500000		100.00	0.500000
13008AA	CAULIFLOWER	21 COOKED-NFS	2F2587	P 0.500000	0.500000		100.00	0.500000
13009AA	COLLARDS	51 COOKED-CANNED	4E2974	P 3.000000	3.000000		100.00	3.000000
13009AA	COLLARDS	63 COOKED-FRESH OR FROZEN-BOILED	4E2974	P 3.000000	3.000000		100.00	3.000000
13010AA	CABBAGE-CHINESE	10 RAW-FRESH OR NFS	9E3810	A 1.000000	1.000000		100.00	1.000000
13010AA	CABBAGE-CHINESE	21 COOKED-NFS	9E3810	A 1.000000	1.000000		100.00	1.000000
13011AA	KALE	63 COOKED-FRESH OR FROZEN-BOILED	3H5383	P 0.050000	0.050000		100.00	0.050000
13011AA	KALE	63 COOKED-FRESH OR FROZEN-BOILED	1E3957	A 4.950000	4.950000		100.00	4.950000
13012AA	KOHLRABI	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13012AA	KOHLRABI	21 COOKED-NFS	5E04580	A 1.950000	1.950000		100.00	1.950000
13013AA	LETTUCE-LEAFY	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13013AA	LETTUCE-LEAFY	10 RAW-FRESH OR NFS	1E03958	A 14.950000	14.950000		100.00	14.950000
13014AA	DANDELION	63 COOKED-FRESH OR FROZEN-BOILED	3H5383	P 0.050000	0.050000		100.00	0.050000
13015AA	ENDIVE	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13015AA	ENDIVE	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13016AA	FENNEL	00 NOT SPECIFIED (NO CONSUMPTION)						
13017AA	CRESS	00 NOT SPECIFIED (NO CONSUMPTION)						
13018AA	ARTICHOKE-GLOBE	21 COOKED-NFS	2E2648	P 0.200000	0.200000		100.00	0.200000

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 077A

Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	STUDY TYPE 13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	EFFECTS Neurological dysfunction.  No evidence of carcinog- enicity in rats or mice.	REFERENCE DOSES ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	DATA GAPS/COMMENTS No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	STATUS WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88
			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)
13020AA	LETTUCE-UNSPEC	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13021AA	MUSTARD GREENS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13021AA	MUSTARD GREENS	63 COOKED-FRESH OR FROZEN-BOILED	3H5383	P 0.050000	0.050000		100.00	0.050000
13022AA	PARSLEY	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13022AA	PARSLEY	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13022AA	PARSLEY	53 COOKED-CANNED-BOILED	3H5383	P 0.050000	0.050000		100.00	0.050000
13023AA	RHUBARB	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13023AA	RHUBARB	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13023AA	RHUBARB	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
13023AA	RHUBARB	62 COOKED-FRESH OR FROZEN-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
13024AA	SPINACH	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13024AA	SPINACH	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13024AA	SPINACH	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
13025AA	SWISS CHARD	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13025AA	SWISS CHARD	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
13025AA	SWISS CHARD	63 COOKED-FRESH OR FROZEN-BOILED	3H5383	P 0.050000	0.050000		100.00	0.050000
13026AA	TURNIPS-TOPS	10 RAW-FRESH OR NFS	6E3391	P 7.000000	7.000000		100.00	7.000000
13026AA	TURNIPS-TOPS	21 COOKED-NFS	6E3391	P 7.000000	7.000000		100.00	7.000000
13026AA	TURNIPS-TOPS	31 COOKED-FRESH OR CANNED	6E3391	P 7.000000	7.000000		100.00	7.000000
13027AA	WATERCRESS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13027AA	WATERCRESS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13034AA	TARO-GREENS	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
13039AA	CRESS,UPLAND	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
13045AA	LETTUCE-HEAD	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13045AA	LETTUCE-HEAD	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13045AA	LETTUCE-HEAD	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13047AA	LAMBSQUARTER	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13048AA	CACTUS PADS	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
13049AA	GRAPES-LEAVES	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
13999AA	LEAFY ORIENT VEG	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
14001AA	BEEETS-ROOTS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
14001AA	BEEETS-ROOTS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
14001AA	BEEETS-ROOTS	26 COOKED-FRESH-PICKLED,CORNEED,OR CURED	3H5383	P 0.050000	0.050000		100.00	0.050000
14001AA	BEEETS-ROOTS	31 COOKED-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
14003AA	CARROTS	21 COOKED-NFS	5F3171	P 0.500000	0.500000		100.00	0.500000
14003AA	CARROTS	23 COOKED-FRESH-BOILED	5F3171	P 0.500000	0.500000		100.00	0.500000
14003AA	CARROTS	31 COOKED-FRESH OR CANNED	5F3171	P 0.500000	0.500000		100.00	0.500000
14003AA	CARROTS	51 COOKED-CANNED	5F3171	P 0.500000	0.500000		100.00	0.500000

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 077A

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  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)
14004AA	CELERIAC	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
14005AA	CHIVES	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
14006AA	TARO-ROOT	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
14007AA	GARLIC	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
14007AA	GARLIC	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
14007AA	GARLIC	32 COOKED-FRESH OR CANNED-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
14009AA	ARTICHOKES-JER	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
14010AA	LEEKS	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
14011AA	ONIONS-DRY-BULB	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
14011AA	ONIONS-DRY-BULB	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
14011AA	ONIONS-DRY-BULB	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
14011AA	ONIONS-DRY-BULB	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
14011DA	ONIONS-DRIED	12 RAW-FRESH-DRIED	3H5383	P 0.050000	0.050000C		100.00	0.050000
14013AA	POTATO(WH)-WHOLE	10 RAW-FRESH OR NFS	3H5383	P 0.020000	0.020000		100.00	0.020000
14013AA	POTATO(WH)-WHOLE	21 COOKED-NFS	3H5383	P 0.020000	0.020000		100.00	0.020000
14013AA	POTATO(WH)-WHOLE	22 COOKED-FRESH-BAKED	3H5383	P 0.020000	0.020000		100.00	0.020000
14013AB	POTATO(WH)-UNSP	22 COOKED-FRESH-BAKED	3H5383	P 0.020000	0.020000		100.00	0.020000
14013AC	POTATO(WH)-PULP	21 COOKED-NFS	3H5383	P 0.020000	0.020000		100.00	0.020000
14013AC	POTATO(WH)-PULP	22 COOKED-FRESH-BAKED	3H5383	P 0.020000	0.020000		100.00	0.020000
14013AC	POTATO(WH)-PULP	23 COOKED-FRESH-BOILED	3H5383	P 0.020000	0.020000		100.00	0.020000
14013AC	POTATO(WH)-PULP	25 COOKED-FRESH-FRIED	3H5383	P 0.020000	0.020000C		100.00	0.020000
14013DA	POTATO(WH)-DRY	10 RAW-FRESH OR NFS	3H5383	P 0.020000	0.020000		100.00	0.020000
14013DA	POTATO(WH)-DRY	31 COOKED-FRESH OR CANNED	3H5383	P 0.020000	0.020000		100.00	0.020000
14013HA	POTATO(WH)-PEEL	22 COOKED-FRESH-BAKED	3H5383	P 0.020000	0.020000		100.00	0.020000
14014AA	RADISHES-ROOTS	10 RAW-FRESH OR NFS	4E3049	P 0.300000	0.300000		100.00	0.300000
14014AB	RADISHES-TOPS	00 NOT SPECIFIED (NO CONSUMPTION)	4E3049	P 3.000000	3.000000		100.00	3.000000
14015AA	RUTABAGAS-ROOTS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
14015AA	RUTABAGAS-ROOTS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
14015AB	RUTABAGAS-TOPS	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
14016AA	SALSIFY	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
14017AA	SHALLOTS	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
14018AA	SWEETPOTATOES	21 COOKED-NFS	9E3813	A 0.050000	0.050000		100.00	0.050000
14018AA	SWEETPOTATOES	31 COOKED-FRESH OR CANNED	9E3813	A 0.050000	0.050000		100.00	0.050000
14018AA	SWEETPOTATOES	51 COOKED-CANNED	9E3813	A 0.050000	0.050000		100.00	0.050000
14019AA	SWEETPOTATOES	10 RAW-FRESH OR NFS	6E3391	P 0.500000	0.500000		100.00	0.500000
14019AA	TURNIPS-ROOTS	21 COOKED-NFS	6E3391	P 0.500000	0.500000		100.00	0.500000
14021AA	TURNIPS-ROOTS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
14021AA	PARSNIPS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
14024AA	YAMBEAN, TUBER	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
14026AA	CASSAVA	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
14026AA	CASSAVA	23 COOKED-FRESH-BOILED	3H5383	P 0.050000	0.050000		100.00	0.050000

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 077A

<b>CHEMICAL</b> Fenvalerate (pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	<b>STUDY TYPE</b> 13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	<b>EFFECTS</b> Neurological dysfunction. No evidence of carcinogenicity in rats or mice.	<b>REFERENCE DOSES</b> ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	<b>DATA GAPS/COMMENTS</b> No data gaps. Issue concerning isomers to be resolved by HED reviewer.	<b>STATUS</b> WHO reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88 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)
14026AB	TAPIOCA	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
14026AB	TAPIOCA	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
14028AA	YAUTIA, TANNIER	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
14030AA	PARSLEY ROOTS	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
14031AA	WATER CHESTNUTS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
14031AA	WATER CHESTNUTS	25 COOKED-FRESH-FRIED	3H5383	P 0.050000	0.050000		100.00	0.050000
15001AA	BEANS-DRY-GRT	00 NOT SPECIFIED (NO CONSUMPTION)	0F2399	P 0.250000	0.250000		100.00	0.250000
15001AB	BEANS-DRY-KIDNEY	21 COOKED-NFS	0F2399	P 0.250000	0.250000		100.00	0.250000
15001AB	BEANS-DRY-KIDNEY	21 COOKED-FRESH OR CANNED	0F2399	P 0.250000	0.250000		100.00	0.250000
15001AC	BEANS-DRY-LIMA	21 COOKED-NFS	0F2399	P 0.250000	0.250000		100.00	0.250000
15001AD	BEANS-DRY-NAVY	21 COOKED-NFS	0F2399	P 0.250000	0.250000		100.00	0.250000
15001AD	BEANS-DRY-NAVY	31 COOKED-FRESH OR CANNED	0F2399	P 0.250000	0.250000		100.00	0.250000
15001AE	BEANS-DRY-OTHER	21 COOKED-NFS	0F2399	P 0.250000	0.250000		100.00	0.250000
15001AE	BEANS-DRY-OTHER	25 COOKED-FRESH-FRIED	0F2399	P 0.250000	0.250000		100.00	0.250000
15001AE	BEANS-DRY-OTHER	31 COOKED-FRESH OR CANNED	0F2399	P 0.250000	0.250000		100.00	0.250000
15001AF	BEANS-DRY-PINTO	21 COOKED-NFS	0F2399	P 0.250000	0.250000		100.00	0.250000
15002AA	BEANS-SUCC-LIMA	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
15002AA	BEANS-SUCC-LIMA	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
15003AA	BEANS-SUCC-GREEN	21 COOKED-NFS	2F2647	P 1.000000	1.000000		100.00	1.000000
15003AB	BEANS-SUCC-OTH	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
15003AB	BEANS-SUCC-OTH	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
15003AC	BEANS-SUCC-MAX	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
15004AA	CORN, POP	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
15005AA	CORN, SWEET	10 RAW-FRESH OR NFS	1F2430	P 0.100000	0.100000		100.00	0.100000
15005AA	CORN, SWEET	21 COOKED-NFS	1F2430	P 0.100000	0.100000		100.00	0.100000
15005AA	CORN, SWEET	31 COOKED-FRESH OR CANNED	1F2430	P 0.100000	0.100000		100.00	0.100000
15006AA	PEANUTS-WHOLE	10 RAW-FRESH OR NFS	3H5383	P 0.020000	0.020000		100.00	0.020000
15006AA	PEANUTS-WHOLE	21 COOKED-NFS	3H5383	P 0.020000	0.020000		100.00	0.020000
15006AA	PEANUTS-WHOLE	22 COOKED-FRESH-BAKED	3H5383	P 0.020000	0.020000		100.00	0.020000
15007AA	PEAS DRY-GARDEN	21 COOKED-NFS	0F2399	P 0.250000	0.250000		100.00	0.250000
15007AA	PEAS DRY-GARDEN	31 COOKED-FRESH OR CANNED	0F2399	P 0.250000	0.250000		100.00	0.250000
15009AA	PEAS SUCC-GARDEN	21 COOKED-NFS	2F2626	P 1.000000	1.000000		100.00	1.000000
15009AA	PEAS SUCC-GARDEN	31 COOKED-FRESH OR CANNED	2F2626	P 1.000000	1.000000		100.00	1.000000
15011AA	LENTILES-WHOLE	21 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
15011AB	LENTILES-SPLIT	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
15013AA	MUNG BEANS	10 RAW-FRESH OR NFS	0F2399	P 0.250000	0.250000		100.00	0.250000
15013AA	MUNG BEANS	21 COOKED-NFS	0F2399	P 0.250000	0.250000		100.00	0.250000
15015AA	OKRA	21 COOKED-NFS	5F3282	P 0.100000	0.100000		100.00	0.100000
15015AA	OKRA	25 COOKED-FRESH-FRIED	5F3282	P 0.100000	0.100000		100.00	0.100000
15018AA	SUNFLOWER-SEEDS	10 RAW-FRESH OR NFS	1F2568	P 0.500000	0.500000		100.00	0.500000

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydr-in) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm OMCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 08/15/86 HED verified 09/16/86 HED reviewed 11/14/88  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)
15020AA	CAROB	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
15020AA	CAROB	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
15020AA	CAROB	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
15021AA	ALFALFA SPROUTS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
15022AA	BEANS-DRY-BROAD	00 NOT SPECIFIED (NO CONSUMPTION)	0F2399	P 0.250000	0.250000		100.00	0.250000
15022AB	BEANS-SUCC-BROAD	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
15023AA	BEANS-DRY-PIGEON	21 COOKED-NFS	0F2399	P 0.250000	0.250000		100.00	0.250000
15026AA	SESAME SEEDS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
15026AA	SESAME SEEDS	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
15027AA	BEANS-UNSPEC	21 COOKED-NFS	0F2399	P 0.250000	0.250000		100.00	0.250000
15028AA	PINENUTS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
15028AA	PINENUTS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
15029AA	SOYBEAN-SPROUTED	00 NOT SPECIFIED (NO CONSUMPTION)	NOPE#	P 0.050000	0.050000		100.00	0.050000
15030AA	BEANS-DRY-HYAC	00 NOT SPECIFIED (NO CONSUMPTION)	0F2399	P 0.250000	0.250000		100.00	0.250000
15030AB	BEANS-SUCC-HYAC	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
15031AA	BLKEYE PEAS-DRY	21 COOKED-NFS	0F2399	P 0.250000	0.250000		100.00	0.250000
15032AA	BEANS-DRY	21 COOKED-NFS	0F2399	P 0.250000	0.250000		100.00	0.250000
15032AA	BEANS-DRY	31 COOKED-FRESH OR CANNED	0F2399	P 0.250000	0.250000		100.00	0.250000
16002AA	ASPARAGUS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
16002AA	ASPARAGUS	23 COOKED-FRESH-BOILED	3H5383	P 0.050000	0.050000		100.00	0.050000
16003AA	MUSHROOMS	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
16003AA	MUSHROOMS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
16003AA	MUSHROOMS	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
16003AA	MUSHROOMS	53 COOKED-CANNED-BOILED	3H5383	P 0.050000	0.050000		100.00	0.050000
16004AA	ONIONS-GREEN	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
16004AA	ONIONS-GREEN	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
16004AA	ONIONS-GREEN	25 COOKED-FRESH-FRIED	3H5383	P 0.050000	0.050000		100.00	0.050000
16007AA	POKE GREENS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
16008AA	BAMBOO SHOOTS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
24001AA	BARLEY	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
24002EA	CORN, GRAIN-ENDO	10 RAW-FRESH OR NFS	3H5383	P 0.020000	0.020000		100.00	0.020000
24002EA	CORN, GRAIN-ENDO	21 COOKED-NFS	3H5383	P 0.020000	0.020000		100.00	0.020000
24002EA	CORN, GRAIN-ENDO	22 COOKED-FRESH-BAKED	3H5383	P 0.020000	0.020000		100.00	0.020000
24002EA	CORN, GRAIN-ENDO	23 COOKED-FRESH-BOILED	3H5383	P 0.020000	0.020000		100.00	0.020000
24002HA	CORN, GRAIN-BRAN	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.020000	0.020000		100.00	0.020000
24002SA	CORN SUGAR	10 RAW-FRESH OR NFS	3H5383	P 0.020000	0.020000		100.00	0.020000
24002SA	CORN SUGAR	21 COOKED-NFS	3H5383	P 0.020000	0.020000		100.00	0.020000
24002SA	CORN SUGAR	22 COOKED-FRESH-BAKED	3H5383	P 0.020000	0.020000		100.00	0.020000
24003AA	OATS	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
24003AA	OATS	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000

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CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2,500 mg/kg 50.00 ppm LEL= 7,500 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  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)
24003AA	OATS	23 COOKED-FRESH-BOILED	3H5383	P 0.050000	0.050000		100.00	0.050000
24004AA	RICE-ROUGH	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
24004AA	RICE-ROUGH	23 COOKED-FRESH-BOILED	3H5383	P 0.050000	0.050000		100.00	0.050000
24004AB	RICE-MILLED	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
24004AB	RICE-MILLED	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
24004AB	RICE-MILLED	23 COOKED-FRESH-BOILED	3H5383	P 0.050000	0.050000		100.00	0.050000
24004AB	RICE-MILLED	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
24005AA	RYE-ROUGH	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
24005GA	RYE-GERM	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
24005HA	RYE-FLOUR	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
24005HA	RYE-FLOUR	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
24006AA	SORGHUM	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
24007AA	WHEAT-ROUGH	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
24007AA	WHEAT-ROUGH	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
24007AA	WHEAT-ROUGH	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
24007AA	WHEAT-ROUGH	23 COOKED-FRESH-BOILED	3H5383	P 0.050000	0.050000		100.00	0.050000
24007GA	WHEAT-GERM	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
24007GA	WHEAT-GERM	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
24007HA	WHEAT-BRAN	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
24007HA	WHEAT-BRAN	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
24007HA	WHEAT-BRAN	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
24007HA	WHEAT-FLOUR	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
24007HA	WHEAT-FLOUR	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
24007HA	WHEAT-FLOUR	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
24007HA	WHEAT-FLOUR	25 COOKED-FRESH-FRIED	3H5383	P 0.050000	0.050000		100.00	0.050000
24012AA	MILLET	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
24012AA	MILLET	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
25001AA	HONEY	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
25001AA	HONEY	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
25001AA	HONEY	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
25002SA	BEEET SUGAR	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
25002SA	BEEET SUGAR	10 RAW-FRESH OR NFS	4F3120	N 0.450000	0.450000		100.00	0.450000
25002SA	BEEET SUGAR	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
25002SA	BEEET SUGAR	21 COOKED-NFS	4F3120	N 0.450000	0.450000		100.00	0.450000
25002SA	BEEET SUGAR	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
25002SA	BEEET SUGAR	22 COOKED-FRESH-BAKED	4F3120	N 0.450000	0.450000		100.00	0.450000
25002SA	BEEET SUGAR	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
25002SA	BEEET SUGAR	31 COOKED-FRESH OR CANNED	4F3120	N 0.450000	0.450000		100.00	0.450000
25003SA	CANE SUGAR	10 RAW-FRESH OR NFS	1F2568	P 1.000000	1.000000		100.00	1.000000
25003SA	CANE SUGAR	21 COOKED-NFS	1F2568	P 1.000000	1.000000		100.00	1.000000



CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinog- enicity in rats or mice.	ADI UF -->100 OPP Rfd= 0.025000 EPA Rfd= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  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)
25003SA	CANE SUGAR	22 COOKED-FRESH-BAKED	1F2568	P 1.000000	1.000000		100.00	1.000000
25003SA	CANE SUGAR	31 COOKED-FRESH OR CANNED	1F2568	P 1.000000	1.000000		100.00	1.000000
25003SB	SUGAR-MOLASSES	10 RAW-FRESH OR NFS	1F2568	P 1.000000	1.000000		100.00	1.000000
25003SB	SUGAR-MOLASSES	21 COOKED-MFS	1F2568	P 1.000000	1.000000		100.00	1.000000
25003SB	SUGAR-MOLASSES	22 COOKED-FRESH-BAKED	1F2568	P 1.000000	1.000000		100.00	1.000000
25003SB	SUGAR-MOLASSES	31 COOKED-FRESH OR CANNED	1F2568	P 1.000000	1.000000		100.00	1.000000
25004SA	MAPLE SYRUP	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
25004SA	MAPLE SYRUP	21 COOKED-MFS	3H5383	P 0.050000	0.050000		100.00	0.050000
26001AA	BUCKWHEAT	21 COOKED-MFS	3H5383	P 0.050000	0.050000		100.00	0.050000
26001AA	BUCKWHEAT	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
26001AA	BUCKWHEAT	25 COOKED-FRESH-FRIED	3H5383	P 0.050000	0.050000		100.00	0.050000
26011AA	GUAR BEANS	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
270010A	CASTOR BEANS	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
270020A	CORN, GRAIN-OIL	18 PROCESSED OIL	3H5383	P 0.020000	0.020000		100.00	0.020000
270030A	COTTONSEED-OIL	18 PROCESSED OIL	NOPE1#	P 0.200000	0.200000		100.00	0.200000
27003VA	COTTONSEED-MEAL	18 PROCESSED OIL	NOPE1#	P 0.050000	0.050000		100.00	0.050000
27004AA	FLAX SEED	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
270070A	PEANUTS-OIL	18 PROCESSED OIL	3H5383	P 0.050000	0.050000		100.00	0.050000
27008AA	SAFFLOWER-SEED	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
270080A	SAFFLOWER-OIL	18 PROCESSED OIL	3H5383	P 0.050000	0.050000		100.00	0.050000
270090A	SESAME-OIL	18 PROCESSED OIL	3H5383	P 0.050000	0.050000		100.00	0.050000
270100A	SOYBEANS-OIL	18 PROCESSED OIL	NOPE1#	P 0.050000	0.050000		100.00	0.050000
270110A	SUNFLOWER-OIL	18 PROCESSED OIL	1F2568	P 0.500000	0.500000		100.00	0.500000
270150A	COCONUT-OIL	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
270150A	COCONUT-OIL	21 COOKED-MFS	3H5383	P 0.050000	0.050000		100.00	0.050000
270150A	COCONUT-OIL	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
270150A	COCONUT-OIL	25 COOKED-FRESH-FRIED	3H5383	P 0.050000	0.050000		100.00	0.050000
270150A	COCONUT-OIL	51 COOKED-CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
270160A	OLIVE OIL	18 PROCESSED OIL	3H5383	P 0.050000	0.050000		100.00	0.050000
27017AA	RAPE SEED	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
270190A	PALM OIL	18 PROCESSED OIL	3H5383	P 0.050000	0.050000		100.00	0.050000
28023AA	SOYBEANS-UNSPEC	21 COOKED-MFS	NOPE1#	P 0.050000	0.050000		100.00	0.050000
28023AB	SOYBEANS-DRY	10 RAW-FRESH OR NFS	NOPE1#	P 0.050000	0.050000		100.00	0.050000
28023AB	SOYBEANS-DRY	21 COOKED-MFS	NOPE1#	P 0.050000	0.050000		100.00	0.050000
28023AB	SOYBEANS-DRY	23 COOKED-FRESH-BOILED	NOPE1#	P 0.050000	0.050000		100.00	0.050000
28023AB	SOYBEANS-DRY	25 COOKED-FRESH-FRIED	NOPE1#	P 0.050000	0.050000		100.00	0.050000
28023AB	SOYBEANS-DRY	31 COOKED-FRESH OR CANNED	NOPE1#	P 0.050000	0.050000		100.00	0.050000
28023WA	SOY-FL, FULL FAT	21 COOKED-MFS	NOPE1#	P 0.050000	0.050000		100.00	0.050000
28023VA	SOY-FL, FULL FAT	22 COOKED-FRESH-BAKED	NOPE1#	P 0.050000	0.050000		100.00	0.050000
28023WA	SOY-FL, FULL FAT	31 COOKED-FRESH OR CANNED	NOPE1#	P 0.050000	0.050000		100.00	0.050000

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CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP Rfd= 0.025000 EPA Rfd= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  On IRIS.

FOOD CODE	FOOD	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
28023MB	SOY-FL, LOW FAT	21	COOKED-NFS	0.050000		100.00	0.050000
28023MC	SOY-FL,DEFAT	10	RAW-FRESH OR NFS	0.050000		100.00	0.050000
28023MD	SOY-FL,DEFAT	21	COOKED-NFS	0.050000		100.00	0.050000
28023ME	SOY-FL,DEFAT	22	COOKED-FRESH-BAKED	0.050000		100.00	0.050000
28023MF	SOY-FL,DEFAT	51	COOKED-CANNED	0.050000		100.00	0.050000
28023MG	SOY-FL,DEFAT	53	COOKED-CANNED-BOILED	0.050000		100.00	0.050000
28023MH	ORNTL MLEAF VEG	21	COOKED-NFS	0.050000		100.00	0.050000
28040AA	SEEDS-OTHER	10	RAW-FRESH OR NFS	0.050000		100.00	0.050000
28080AA	PEPPERMINT	00	NOT SPECIFIED (NO CONSUMPTION)	0.050000		100.00	0.050000
28080AA	PEPPERMINT-OIL	00	NOT SPECIFIED (NO CONSUMPTION)	0.050000		100.00	0.050000
28081AA	SPERMINT	00	NOT SPECIFIED (NO CONSUMPTION)	0.050000		100.00	0.050000
28081AA	SPERMINT-OIL	00	NOT SPECIFIED (NO CONSUMPTION)	0.050000		100.00	0.050000
43057AA	VINEGAR	10	RAW-FRESH OR NFS	0.050000		100.00	0.050000
43057AA	VINEGAR	21	COOKED-NFS	0.050000		100.00	0.050000
43058AA	WINE AND SHERRY	10	RAW-FRESH OR NFS	0.050000		100.00	0.050000
43058AA	WINE AND SHERRY	21	COOKED-NFS	0.050000		100.00	0.050000
43059AA	DIST ALCOHOL	21	COOKED-NFS	0.050000		100.00	0.050000
43060AA	GELATIN	10	RAW-FRESH OR NFS	0.050000		100.00	0.050000
43060AA	GELATIN	21	COOKED-NFS	0.050000		100.00	0.050000
50000DB	MILK-NON-FAT SOL	10	RAW-FRESH OR NFS	0.017000		100.00	0.017000
50000DB	MILK-NON-FAT SOL	21	COOKED-NFS	0.017000		100.00	0.017000
50000FA	MILK-FAT SOLIDS	10	RAW-FRESH OR NFS	2.100000C		100.00	2.100000
50000FA	MILK-FAT SOLIDS	21	COOKED-NFS	2.100000C		100.00	2.100000
50000FA	MILK-FAT SOLIDS	51	COOKED-NFS	2.100000C		100.00	2.100000
50000SA	MILK SUG (LACT)	21	COOKED-NFS	0.010000		100.00	0.010000
50000SA	MILK SUG (LACT)	51	COOKED-CANNED	0.010000		100.00	0.010000
53001BA	BEEF-MEAT BYP	21	COOKED-NFS	1.500000		100.00	1.500000
53001BA	BEEF-MEAT BYP	26	COOKED-FRESH-PICKLED, CORNED, OR CURED	1.500000		100.00	1.500000
53001BB	BEEF-OTH ORGAN	21	COOKED-NFS	1.500000		100.00	1.500000
53001BB	BEEF-OTH ORGAN	51	COOKED-CANNED	1.500000		100.00	1.500000
53001DA	BEEF-DRIED	21	COOKED-NFS	0.100000		100.00	0.100000
53001FA	BEEF-FAT	10	RAW-FRESH OR NFS	0.710000		100.00	0.710000
53001FA	BEEF-FAT	21	COOKED-NFS	0.710000		100.00	0.710000
53001FA	BEEF-FAT	22	COOKED-FRESH-BAKED	0.710000		100.00	0.710000
53001FA	BEEF-FAT	23	COOKED-FRESH-BOILED	0.710000		100.00	0.710000
53001FA	BEEF-FAT	24	COOKED-FRESH-BOILED	0.710000		100.00	0.710000
53001FA	BEEF-FAT	25	COOKED-FRESH-FRIED	0.710000		100.00	0.710000
53001KA	BEEF-KIDNEY	21	COOKED-NFS	1.500000		100.00	1.500000
53001LA	BEEF-LIVER	25	COOKED-FRESH-FRIED	1.500000		100.00	1.500000

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ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 077A

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrifin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  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)
53001LA	BEEF-LIVER	31 COOKED-FRESH OR CANNED	1F2430	P 1.500000	1.500000		100.00	1.500000
53001MA	BEEF-LEAN	10 RAW-FRESH OR NFS	1F2430	P 1.500000	0.100000		100.00	0.100000
53001MA	BEEF-LEAN	21 COOKED-NFS	1F2430	P 1.500000	0.100000		100.00	0.100000
53001MA	BEEF-LEAN	22 COOKED-FRESH-BAKED	1F2430	P 1.500000	0.100000		100.00	0.100000
53001MA	BEEF-LEAN	23 COOKED-FRESH-BOILED	1F2430	P 1.500000	0.100000		100.00	0.100000
53001MA	BEEF-LEAN	24 COOKED-FRESH-BROILED	1F2430	P 1.500000	0.100000		100.00	0.100000
53002BA	GOAT-MEAT BYP	00 NOT SPECIFIED (NO CONSUMPTION)	1F2430	P 1.500000	1.500000		100.00	1.500000
53002BB	GOAT-OTH ORGAN	00 NOT SPECIFIED (NO CONSUMPTION)	1F2430	P 1.500000	1.500000		100.00	1.500000
53002FA	GOAT-FAT	23 COOKED-FRESH-BOILED	1F2430	P 1.500000	1.500000		100.00	1.500000
53002FA	GOAT-FAT	25 COOKED-FRESH-FRIED	1F2430	P 1.500000	1.500000		100.00	1.500000
53002LA	GOAT-KIDNEY	00 NOT SPECIFIED (NO CONSUMPTION)	1F2430	P 1.500000	1.500000		100.00	1.500000
53002LA	GOAT-LIVER	00 NOT SPECIFIED (NO CONSUMPTION)	1F2430	P 1.500000	1.500000		100.00	1.500000
53002MA	GOAT-LEAN	23 COOKED-FRESH-BOILED	1F2430	P 1.500000	1.500000		100.00	1.500000
53002MA	GOAT-LEAN	25 COOKED-FRESH-FRIED	1F2430	P 1.500000	1.500000		100.00	1.500000
53003AA	HORSE	00 NOT SPECIFIED (NO CONSUMPTION)	1F2430	P 1.500000	1.500000		100.00	1.500000
53004AA	RABBIT	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
53004AA	RABBIT	25 COOKED-FRESH-FRIED	3H5383	P 0.050000	0.050000		100.00	0.050000
53005BA	SHEEP-MEAT BYP	21 COOKED-NFS	1F2430	P 1.500000	1.500000		100.00	1.500000
53005BB	SHEEP-OTH ORGAN	21 COOKED-NFS	1F2430	P 1.500000	1.500000		100.00	1.500000
53005FA	SHEEP-FAT	21 COOKED-NFS	1F2430	P 1.500000	1.500000		100.00	1.500000
53005KA	SHEEP-KIDNEY	21 COOKED-NFS	1F2430	P 1.500000	1.500000		100.00	1.500000
53005LA	SHEEP-LIVER	00 NOT SPECIFIED (NO CONSUMPTION)	1F2430	P 1.500000	1.500000		100.00	1.500000
53005MA	SHEEP-LEAN	21 COOKED-NFS	1F2430	P 1.500000	1.500000		100.00	1.500000
53006BA	PORK-MEAT BYP	31 COOKED-FRESH OR CANNED	1F2430	P 1.500000	1.500000		100.00	1.500000
53006BB	PORK-OTH ORGAN	21 COOKED-NFS	1F2430	P 1.500000	1.500000		100.00	1.500000
53006BB	PORK-OTH ORGAN	21 COOKED-NFS	1F2430	P 1.500000	1.500000		100.00	1.500000
53006FA	PORK-FAT	10 RAW-FRESH OR NFS	1F2430	P 1.500000	1.500000		100.00	1.500000
53006FA	PORK-FAT	21 COOKED-NFS	1F2430	P 1.500000	1.500000		100.00	1.500000
53006FA	PORK-FAT	23 COOKED-FRESH-BOILED	1F2430	P 1.500000	1.500000		100.00	1.500000
53006FA	PORK-FAT	25 COOKED-FRESH-FRIED	1F2430	P 1.500000	1.500000		100.00	1.500000
53006FA	PORK-FAT	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	1F2430	P 1.500000	1.500000		100.00	1.500000
53006KA	PORK-KIDNEY	21 COOKED-NFS	1F2430	P 1.500000	1.500000		100.00	1.500000
53006LA	PORK-LIVER	21 COOKED-NFS	1F2430	P 1.500000	1.500000		100.00	1.500000
53006LA	PORK-LIVER	23 COOKED-FRESH-BOILED	1F2430	P 1.500000	1.500000		100.00	1.500000
53006LA	PORK-LIVER	25 COOKED-FRESH-FRIED	1F2430	P 1.500000	1.500000		100.00	1.500000
53006LA	PORK-LIVER	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	1F2430	P 1.500000	1.500000		100.00	1.500000
53006MA	PORK-LEAN	21 COOKED-NFS	1F2430	P 1.500000	1.500000		100.00	1.500000
53006MA	PORK-LEAN	25 COOKED-FRESH-FRIED	1F2430	P 1.500000	1.500000		100.00	1.500000
53006MA	PORK-LEAN	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	1F2430	P 1.500000	1.500000		100.00	1.500000
53010AA	FISH-UNSPEC	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
53013AA	FISH, SHELL	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185-1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction. No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps. Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88 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)
53013AA	FISH, SHELL	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
53013AA	FISH, SHELL	25 COOKED-FRESH-FRIED	3H5383	P 0.050000	0.050000		100.00	0.050000
53014AA	MEAT, GAME	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
53014AA	MEAT, GAME	25 COOKED-FRESH-FRIED	3H5383	P 0.050000	0.050000		100.00	0.050000
53015AA	FISH-ROE, CAVIAR	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
53015AA	FISH-ROE, CAVIAR	51 COOKED-CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
53016AA	FISH, FIN-FRESH	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
53016AA	FISH, FIN-FRESH	25 COOKED-FRESH-FRIED	3H5383	P 0.050000	0.050000		100.00	0.050000
53017AA	FISH, FIN-SALT	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
53017AA	FISH, FIN-SALT	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
53017AA	FISH, FIN-SALT	25 COOKED-FRESH-FRIED	3H5383	P 0.050000	0.050000		100.00	0.050000
53017DA	FISH, FIN-SLT-DRY	12 RAW-FRESH-DRIED	3H5383	P 0.050000	0.050000C		100.00	0.050000
53017DA	FISH, FIN-SLT-DRY	21 COOKED-NFS	3H5383	P 0.050000	0.050000C		100.00	0.050000
55008BA	TURKEY-BYP	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
55008BA	TURKEY-BYP	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	3H5383	P 0.050000	0.050000		100.00	0.050000
55008LA	TURKEY ORGAN	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
55008LA	TURKEY ORGAN	25 COOKED-FRESH-FRIED	3H5383	P 0.050000	0.050000		100.00	0.050000
55008MA	TURKEY W/O SKIN	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
55008MA	TURKEY W/O SKIN	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
55008MA	TURKEY W/O SKIN	62 COOKED-FRESH OR FROZEN-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
55008MB	TURKEY+SKIN	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
55008MB	TURKEY+SKIN	25 COOKED-FRESH-FRIED	3H5383	P 0.050000	0.050000		100.00	0.050000
55008MC	TURKEY-UNSPEC	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
55013BA	POULTRY, OTH-BYP	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
55013LA	POULTRY, ORGAN	25 COOKED-FRESH-FRIED	3H5383	P 0.050000	0.050000		100.00	0.050000
55013MA	POULTRY, OTHER	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
55014AA	EGGS-WHOLE	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
55014AA	EGGS-WHOLE	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
55014AA	EGGS-WHOLE	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
55014AA	EGGS-WHOLE	23 COOKED-FRESH-BOILED	3H5383	P 0.050000	0.050000		100.00	0.050000
55014AA	EGGS-WHOLE	25 COOKED-FRESH-FRIED	3H5383	P 0.050000	0.050000		100.00	0.050000
55014AB	EGGS-WHITE ONLY	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
55014AB	EGGS-WHITE ONLY	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
55014AB	EGGS-WHITE ONLY	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
55014AB	EGGS-WHITE ONLY	62 COOKED-FRESH OR FROZEN-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
55014AB	EGGS-WHITE ONLY	81 COOKED-FROZEN	3H5383	P 0.050000	0.050000		100.00	0.050000
55014AC	EGGS-YOLK ONLY	10 RAW-FRESH OR NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
55014AC	EGGS-YOLK ONLY	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
55014AC	EGGS-YOLK ONLY	25 COOKED-FRESH-FRIED	3H5383	P 0.050000	0.050000		100.00	0.050000
55014AC	EGGS-YOLK ONLY	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg LEL= 50.00 ppm 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  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)
55015BA	CHICKEN-BYP	00 NOT SPECIFIED (NO CONSUMPTION)	3H5383	P 0.050000	0.050000		100.00	0.050000
55015LA	CHICKEN-ORGAN	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
55015LA	CHICKEN-ORGAN	25 COOKED-FRESH-FRIED	3H5383	P 0.050000	0.050000		100.00	0.050000
55015LA	CHICKEN-ORGAN	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	3H5383	P 0.050000	0.050000		100.00	0.050000
55015MA	CHICKEN-W/O SKIN	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
55015MA	CHICKEN-W/O SKIN	22 COOKED-FRESH-BAKED	3H5383	P 0.050000	0.050000		100.00	0.050000
55015MA	CHICKEN-W/O SKIN	25 COOKED-FRESH-FRIED	3H5383	P 0.050000	0.050000		100.00	0.050000
55015MA	CHICKEN-W/O SKIN	31 COOKED-FRESH OR CANNED	3H5383	P 0.050000	0.050000		100.00	0.050000
55015MA	CHICKEN-W/O SKIN	53 COOKED-CANNED-BOILED	3H5383	P 0.050000	0.050000		100.00	0.050000
55015MB	CHICKEN+SKIN	21 COOKED-NFS	3H5383	P 0.050000	0.050000		100.00	0.050000
55015MB	CHICKEN+SKIN	25 COOKED-FRESH-FRIED	3H5383	P 0.050000	0.050000		100.00	0.050000

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caseell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCD: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	AD1 UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  On IRIS.

POPULATION SUBGROUP	TOTAL TMRC (MG/KG BODY WEIGHT/DAY)		NEW TMRC AS PERCENT OF RFD	DIFFERENCE AS PERCENT OF RFD	EFFECT OF ANTICIPATED RESIDUES	
	CURRENT TMRC*	NEW TMRC**			ARC	XRFD
U.S. POPULATION - 48 STATES	0.013556	0.014901	59.605912	5.380404	0.009861	39.44386
U.S. POPULATION - SPRING SEASON	0.012986	0.014404	57.614120	5.670072	0.009662	38.64628
U.S. POPULATION - SUMMER SEASON	0.014085	0.015502	62.006956	5.667836	0.010378	41.51066
U.S. POPULATION - FALL SEASON	0.013697	0.014952	59.807880	5.019648	0.009696	38.78395
U.S. POPULATION - WINTER SEASON	0.013422	0.014713	58.850360	5.163912	0.009666	38.66202
NORTHEAST REGION	0.013943	0.015389	61.557156	5.784196	0.009708	38.83184
NORTH CENTRAL REGION	0.013749	0.015080	60.318812	5.324780	0.009863	39.45044
SOUTHERN REGION	0.012533	0.013567	54.269440	4.135580	0.009646	38.58446
WESTERN REGION	0.014474	0.016244	64.975212	7.079616	0.010375	41.50183
HISPANICS	0.015503	0.016981	67.924728	5.911016	0.009973	39.89361
NON-HISPANIC WHITES	0.013476	0.014898	59.590392	5.688080	0.009871	39.48233
NON-HISPANIC BLACKS	0.012950	0.013707	54.826752	3.025820	0.009592	38.36800
NON-HISPANIC OTHERS	0.014688	0.016294	65.174636	6.421496	0.010409	41.63672
NURSING INFANTS (< 1 YEAR OLD)	0.021555	0.021631	86.525784	0.303868	0.016055	64.22009
NON-NURSING INFANTS (< 1 YEAR OLD)	0.053282	0.053501	214.004308	0.878076	0.029318	117.27314
FEMALES (13+ YEARS, PREGNANT)	0.009757	0.011024	44.094592	5.068392	0.007360	29.43908
FEMALES 13+ YEARS, NURSING CHILDREN (1-6 YEARS OLD)	0.011675	0.013330	53.319872	6.620104	0.008375	33.49938
CHILDREN (7-12 YEARS OLD)	0.032268	0.033654	134.615392	5.541488	0.019051	76.20226
CHILDREN (13-19 YEARS OLD)	0.021060	0.022574	90.296752	6.055852	0.013886	55.54565
MALES (13-19 YEARS OLD)	0.013739	0.014847	59.386768	4.431140	0.008970	35.88060
FEMALES (13-19 YEARS OLD, NOT PREG. OR NURSING)	0.011304	0.012537	50.149760	4.932244	0.008382	33.52977
MALES (20 YEARS AND OLDER)	0.009522	0.010728	42.913492	4.826668	0.007657	30.62846
FEMALES (20 YEARS AND OLDER, NOT PREG. OR NURS)	0.008712	0.010205	40.821256	5.973676	0.007778	31.11266

\*Current TMRC does not include new or pending tolerances.  
\*\*New TMRC includes new, pending, and published tolerances.

# TABLE 3

TOLERANCE ASSESSMENT SUMMARY FOR Fenvalerate (Pydrin)  
 USING ANTICIPATED RESIDUES  
 CASWELL #077A

DATE: 03/07/96

**ANALYSIS FOR POPULATION SUB-GROUP: NON-NURSING INFANTS (< 1 YEAR OLD)**

EXISTING ANTICIPATED RESIDUES (PUBLISHED ONLY)		
RESULT IN AN ARC OF:	0.029115	MG/KG/DAY
THE EXISTING ARC IS EQUIVALENT TO:	116.458	% OF THE ADI.
PROPOSED NEW ANTICIPATED RESIDUES (CURRENT PETITION ONLY)		
RESULT IN AN ARC OF:	0.000174	MG/KG/DAY
THESE NEW ANTICIPATED RESIDUES WILL OCCUPY:	0.695	% OF THE ADI.
IF THE NEW ANTICIPATED RESIDUES (CURRENT PETITION ONLY)		
ARE APPROVED THE RESULTANT ARC WILL BE:	0.029288	MG/KG/DAY
THE NEW ARC WILL OCCUPY	117.153	% OF THE ADI.
OTHER PENDING ANTICIPATED RESIDUES EXCLUDING THE		
CURRENT NEW PETITION HAVE AN ARC OF:	0.000030	MG/KG/DAY
THIS ARC WILL OCCUPY	0.120	% OF THE ADI.
IF ALL PENDING ANTICIPATED RESIDUES (INCLUDING THE		
CURRENT NEW PETITION) ARE GRANTED		
THE RESULTANT ARC WILL BE:	0.029318	MG/KG/DAY
THE TOTAL ARC WILL OCCUPY	117.273	% OF THE ADI.

**ANALYSIS FOR POPULATION SUB-GROUP: U.S. POPULATION - 48 STATES**

EXISTING ANTICIPATED RESIDUES (PUBLISHED ONLY)		
RESULT IN AN ARC OF:	0.008548	MG/KG/DAY
THE EXISTING ARC IS EQUIVALENT TO:	34.192	% OF THE ADI.
PROPOSED NEW ANTICIPATED RESIDUES (CURRENT PETITION ONLY)		
RESULT IN AN ARC OF:	0.000149	MG/KG/DAY
THESE NEW ANTICIPATED RESIDUES WILL OCCUPY:	0.598	% OF THE ADI.
IF THE NEW ANTICIPATED RESIDUES (CURRENT PETITION ONLY)		
ARE APPROVED THE RESULTANT ARC WILL BE:	0.008697	MG/KG/DAY
THE NEW ARC WILL OCCUPY	34.790	% OF THE ADI.
OTHER PENDING ANTICIPATED RESIDUES EXCLUDING THE		
CURRENT NEW PETITION HAVE AN ARC OF:	0.001164	MG/KG/DAY
THIS ARC WILL OCCUPY	4.654	% OF THE ADI.
IF ALL PENDING ANTICIPATED RESIDUES (INCLUDING THE		
CURRENT NEW PETITION) ARE GRANTED		
THE RESULTANT ARC WILL BE:	0.009861	MG/KG/DAY
THE TOTAL ARC WILL OCCUPY	39.444	% OF THE ADI.

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP Rfd= 0.025000 EPA Rfd= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)		THRC TYPE (UG/KG/DAY)	%RFD	ANTICIPATED RESIDUE (PPM)		%RFD
		0.050	P			0.05000	ARC (UG/KG/DAY)	
01025AA	MULBERRIES 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
03011AA	PISTACHIO NUTS 10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06001AA	AVOCADOS 10 RAW-FRESH OR NFS	0.050	P	0.000104	0.000	0.05000	0.000104	0.000
06002AA	BANANAS-UNSPECIFIED 22 COOKED-FRESH-BAKED	0.050	P	0.000203	0.001	0.05000	0.000203	0.001
06002AB	BANANAS-FRESH 10 RAW-FRESH OR NFS	0.050	P	0.050552	0.202	0.05000	0.000035	0.000
06002DA	BANANAS-DRIED 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	0.050	P	0.000880	0.004	0.05000	0.000845	0.003
06003AA	COCONUT-FRESH 10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06003DA	COCONUT-COPRA 10 RAW-FRESH OR NFS	0.050	P	0.000023	0.000	0.05000	0.000000	0.000
06003JA	COCONUT-WATER 62 COOKED-FRESH OR FROZEN-BAKED	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06004AA	DATES 10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06005AA	FIGS 21 COOKED-NFS 22 COOKED-FRESH-BAKED	0.050	P	0.000054	0.000	0.05000	0.000000	0.000
06006AA	GUAVA 10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.05000	0.000054	0.000
06007AA	MANGOES 21 COOKED-NFS 62 COOKED-FRESH OR FROZEN-BAKED	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06008AA	LOQUATS 10 RAW-FRESH OR NFS 21 COOKED-NFS 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000



CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP Rfd= 0.025000 EPA Rfd= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 08/15/86 HED reviewed 09/16/86 EPA verified 11/14/88 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	THRC (UG/KG/DAY)	%RFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD
06009AA	OLIVES 10 RAW-FRESH OR NFS 11 RAW-FRESH-PICKLED, CORNED, OR CURED 21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06010AA	PAPAYAS-UNSPECIFIED 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06010AB	PAPAYAS-PULP 10 RAW-FRESH OR NFS 51 COOKED-CANNED	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06010DA	PAPAYAS-DRIED 10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06010JA	PAPAYAS-JUICE 10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06011AA	PAPAVS 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06012AA	PERSIMMONS 10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06013AA	PINEAPPLE-FRESH, PULP 10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	0.050	P	0.005234	0.021	0.05000	0.000000	0.000
06013DA	PINEAPPLE-DRIED 10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06013JA	PINEAPPLE-FRESH, JUICE 10 RAW-FRESH OR NFS 15 RAW-FRESH OR CANNED 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	0.050	P	0.011029	0.044	0.05000	0.002972	0.012
06014AA	PASSION FRUIT (GRANADILLA) 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06015AA	POMEGRANATES 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06016AA	PLANTAINS 21 COOKED-NFS 23 COOKED-FRESH-BOILED 25 COOKED-FRESH-FRIED	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06017AA	LYCHEES (LITCHI) 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06017DA	LYCHEE-DRIED 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000

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CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.	ADI UF -->100 OPP Rfd= 0.025000 EPA Rfd= 0.025000	No data gaps. Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	THRC (UG/KG/DAY)	%RFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD
06018AA	KIWI	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06020AA	10 RAM-FRESH OR NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06021AA	ACEROLA	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06022AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06023AA	GINKGO NUTS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06024AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06025AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06026AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06027AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06029AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06030AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06031AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
06033AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
07001FA	GENIP (SPANISH LIME)	0.050	P	0.000027	0.000	0.05000	0.000000	0.000
07001SA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000027	0.000	0.05000	0.000000	0.000
07002AA	21 COOKED-NFS	0.050	P	0.000674	0.003	0.05000	0.000027	0.000
07003AA	COFFEE	0.050	P	0.000000	0.000	0.05000	0.000061	0.000
07006AA	21 COOKED-NFS	0.050	P	0.000530	0.002	0.05000	0.000174	0.001
08008AA	22 COOKED-FRESH-BAKED	0.050	P	0.000000	0.000	0.05000	0.000439	0.002
08020AA	21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
	21 COOKED-NFS	0.050	P	0.000530	0.002	0.05000	0.000530	0.002
	21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
	21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
	21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
	21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2,5000 mg/kg 50.00 ppm LEL= 7,5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	THRC (UG/KG/DAY)	%RFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD
08028AA	MUSTARD SEED 11 RAW-FRESH-PICKLED, CORNED, OR CURED 21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08043AA	TURMERIC 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08049AA	POPPY 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
11006AA	GROUNDCHERRIES (POHA/CAPE-GOOSEBERRIES) 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
13016AA	FENNEL 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
13018AA	ARTICHOKES-GLOBE 21 COOKED-NFS	0.200	P	0.000000	0.000	0.05000	0.000000	0.000
13027AA	WATERCRESS 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
13047AA	LAMBSQUARTER 21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
13048AA	CACTUS PADS 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
13049AA	GRAPES-LEAVES 21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
13999AA	LEAFY ORIENTAL VEGETABLES 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
14004AA	CELERIAC 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
14026AB	TAPIOCA 10 RAW-FRESH OR NFS 31 COOKED-FRESH OR CANNED	0.050	P	0.002697	0.011	0.05000	0.000000	0.000
14028AA	YAUTIA, TANNIER 21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.002697	0.011
14031AA	WATER CHESTNUTS 21 COOKED-NFS 25 COOKED-FRESH-FRIED	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
15018AA	SUNFLOWER-SEEDS 10 RAW-FRESH OR NFS	0.500	P	0.000000	0.000	0.05000	0.000000	0.000
15021AA	ALFALFA SPROUTS 10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
15026AA	SESAME SEEDS 10 RAW-FRESH OR NFS 22 COOKED-FRESH-BAKED	0.050	P	0.000000	0.000	0.05000	0.000000	0.000

CHEMICAL INFORMATION		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300		13wk feeding- rat NOEL= 2,5000 mg/kg LEL= 7,5000 mg/kg 150.00 ppm ONCO: Negative- 2 species		Neurological dysfunction.		ADI UF -->100 OPP Rfd= 0.025000 EPA Rfd= 0.025000		No data gaps. Issue concerning Isomers to be resolved by HED reviewer.		WHO reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88 On IRIS.	

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	THRC (UG/KG/DAY)	%RFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD
15028AA	PINEUTS 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
16002AA	ASPARAGUS 21 COOKED-NFS 23 COOKED-FRESH-BOILED	0.050	P	0.000170	0.001	0.05000	0.000000	0.001
16003AA	MUSHROOMS 10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH OR CANNED 53 COOKED-CANNED-BOILED	0.050	P	0.000168	0.001	0.05000	0.000000	0.001
16007AA	POKE GREENS 21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
16008AA	BAMBOO SHOOTS 21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
25001AA	HONEY 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.050	P	0.009566	0.038	0.05000	0.000000	0.000
25003SA	CANE SUGAR 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED	1.000	P	0.854904	3.420	0.05000	0.009366	0.037
25003SB	SUGAR-MOLASSES 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED 31 COOKED-FRESH OR CANNED	1.000	P	0.006984	0.028	0.05000	0.000006	0.000
25004SA	MAPLE SYRUP 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED 31 COOKED-FRESH OR CANNED	0.050	P	0.000749	0.003	0.05000	0.000194	0.001
26011AA	GUAR BEANS 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	1.00000	0.034199	0.137
270010A	CASTOR BEANS 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	1.00000	0.286324	1.153
270030A	COTTONSEED-OIL 18 PROCESSED OIL	0.200	P	0.001087	0.004	1.00000	0.070359	0.281
27003WA	COTTONSEED-MEAL 18 PROCESSED OIL	0.200	P	0.000126	0.001	1.00000	0.462021	1.848
27004AA	FLAX SEED 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	1.00000	0.000000	0.000
						0.05000	0.000000	0.000
						0.05000	0.000749	0.003
						0.05000	0.000000	0.000
						0.05000	0.000000	0.000
						0.05000	0.001087	0.004
						0.20000	0.001087	0.004
						0.20000	0.000126	0.001
						0.05000	0.000126	0.001
						0.05000	0.000000	0.000

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Cashell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	THRC (UG/KG/DAY)	XRFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	XRFD
27008AA	SAFFLOWER-SEED 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
270080A	SAFFLOWER-OIL 18 PROCESSED OIL	0.050	P	0.000013	0.000	0.05000	0.000013	0.000
270090A	SESAME-OIL 18 PROCESSED OIL	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
270110A	SUNFLOWER-OIL 18 PROCESSED OIL	0.500	P	0.000440	0.002	0.50000	0.000440	0.002
270150A	COCONUT-OIL 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED 25 COOKED-FRESH-FRIED 51 COOKED-CANNED	0.050	P	0.061379	0.246	0.05000	0.000017 0.000041 0.000094 0.000023 0.061203	0.000 0.000 0.000 0.000 0.245
270160A	OLIVE OIL 18 PROCESSED OIL	0.050	P	0.000270	0.001	0.05000	0.000270	0.001
27017AA	RAPE SEED 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
270190A	PALM OIL 18 PROCESSED OIL	0.050	P	0.000306	0.001	0.05000	0.000306	0.001
28024AB	ORIENTAL VEGETABLES -NON-LEAFY 21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
28040AA	SEEDS(PUMPKIN,PSYLLIUM,CHIA,APRICOT,ETC) 10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
43057AA	VINEGAR 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.050	P	0.000118	0.000	0.05000	0.000008 0.000110	0.000 0.000
43058AA	WINE AND SHERRY 10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
43059AA	DISTILLED ALCOHOL 21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
43060AA	GELATIN 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.050	P	0.000252	0.001	0.05000	0.000000 0.000252	0.000 0.001
53014AA	MEAT,GAME 21 COOKED-NFS 25 COOKED-FRESH-FRIED	0.050	P	0.000189	0.001	0.05000	0.000000 0.000189	0.000 0.001
CROP GROUP TOTALS FOR UNSPECIFIED:					1.008728	4.035	1.008724	4.035

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinog- enicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	XRFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	XRFD
14001AA	BEETS-ROOTS 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.050	P	0.009474	0.038	0.05000	0.000000	0.000
14003AA	CARROTS 31 COOKED-FRESH OR CANNED	0.500	P	0.731257	2.925	0.05000	0.008788	0.035
14006AA	TARO-ROOT 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.050	P	0.000000	0.000	0.50000	0.007100	0.028
14009AA	ARTICHOKES-JERUSALEM 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.50000	0.029434	0.118
14013AA	POTATOES(WHITE)-WHOLE 00 NOT SPECIFIED (NO CONSUMPTION)	0.200	P	0.005536	0.022	0.50000	0.005171	0.021
14013AB	POTATOES(WHITE)-UNSPECIFIED 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED	0.020	P	0.000000	0.000	0.50000	0.650498	2.602
14013AC	POTATOES(WHITE)-PEELED 22 COOKED-FRESH-BAKED 21 COOKED-NFS	0.020	P	0.015850	0.063	0.50000	0.039053	0.156
14013DA	POTATOES(WHITE)-DRY 22 COOKED-FRESH-BAKED 23 COOKED-FRESH-BOILED 25 COOKED-FRESH-FRIED	0.020	P	0.001002	0.004	0.02000	0.001894	0.008
14013HA	POTATOES(WHITE)-PEEL ONLY 10 RAW-FRESH OR NFS 31 COOKED-FRESH OR CANNED	0.020	P	0.000000	0.000	0.02000	0.001768	0.007
14014AA	RADISHES-ROOTS 22 COOKED-FRESH-BAKED	0.300	P	0.000000	0.000	0.02000	0.011191	0.045
14015AA	RUTABAGAS-ROOTS 10 RAW-FRESH OR NFS 10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.02000	0.000997	0.004
14016AA	SALSIFY(OYSTER PLANT) 21 COOKED-NFS	0.050	P	0.000000	0.000	0.02000	0.000052	0.000
14018AA	SWEETPOTATOES (INCLUDING YAMS) 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	0.050	A	0.014367	0.057	0.02000	0.000950	0.004

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Case#( #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TWRC TYPE (UG/KG/DAY)	REFERENCE DOSES XREFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	XREFD
14019AA	51 COOKED-CANNED TURNIPS-ROOTS	0.500	P 0.000000	0.000	0.05000	0.000198	0.001
	10 RAW-FRESH OR NFS				0.50000	0.000000	0.000
	21 COOKED-NFS				0.50000	0.000000	0.000
14021AA	PARSHIPS	0.050	P 0.000000	0.000	0.05000	0.000000	0.000
	21 COOKED-NFS				0.05000	0.000000	0.000
14024AA	YAMBEAN, TUBER	0.050	P 0.000000	0.000	0.05000	0.000000	0.000
	10 RAW-FRESH OR NFS				0.05000	0.000000	0.000
	CASSAVA (YUCA BLANCA)				0.05000	0.000000	0.000
14026AA	23 COOKED-FRESH-BOILED	0.050	P 0.000000	0.000	0.05000	0.000000	0.000
	21 COOKED-NFS				0.05000	0.000000	0.000
14030AA	PARSLEY ROOTS	0.050	P 0.000000	0.000	0.05000	0.000000	0.000
	00 NOT SPECIFIED (NO CONSUMPTION)				0.05000	0.000000	0.000
25002SA	BET SUGAR	0.050	P 0.019294	0.077	0.05000	0.000000	0.000
	10 RAW-FRESH OR NFS				0.05000	0.000772	0.003
	10 RAW-FRESH OR NFS				0.45000	0.006946	0.028
	21 COOKED-NFS				0.05000	0.006507	0.026
	21 COOKED-NFS				0.45000	0.058559	0.234
	22 COOKED-FRESH-BAKED				0.05000	0.001588	0.006
	22 COOKED-FRESH-BAKED				0.45000	0.014292	0.057
	31 COOKED-FRESH OR CANNED				0.05000	0.010428	0.042
	31 COOKED-FRESH OR CANNED				0.45000	0.093849	0.375
				<b>CROP GROUP TOTALS FOR ROOT AND TUBER VEGETABLES:</b>		<b>0.970424</b>	<b>3.882</b>
13001AA	BEETS-TOPS(GREENS)	0.050	P 0.000000	0.000	0.05000	0.000000	0.000
	31 COOKED-FRESH OR CANNED				0.05000	0.000000	0.000
	63 COOKED-FRESH OR FROZEN-BOILED				7.00000	0.000000	0.000
13026AA	TURNIPS-TOPS	7.000	P 0.000000	0.000	7.00000	0.000000	0.000
	10 RAW-FRESH OR NFS				7.00000	0.000000	0.000
	21 COOKED-NFS				7.00000	0.000000	0.000
	31 COOKED-FRESH OR CANNED				7.00000	0.000000	0.000
13034AA	TARO-GREENS	0.050	P 0.000000	0.000	0.05000	0.000000	0.000
	00 NOT SPECIFIED (NO CONSUMPTION)				0.05000	0.000000	0.000
14014AB	RADISHES-TOPS	3.000	P 0.000000	0.000	3.00000	0.000000	0.000
	00 NOT SPECIFIED (NO CONSUMPTION)				3.00000	0.000000	0.000
14015AB	RUTABAGAS-TOPS	0.050	P 0.000000	0.000	0.05000	0.000000	0.000
	00 NOT SPECIFIED (NO CONSUMPTION)				0.05000	0.000000	0.000
				<b>CROP GROUP TOTALS FOR LEAVES OF ROOT AND TUBER VEG.:</b>		<b>0.000000</b>	<b>0.000</b>

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CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	HED reviewed 1986 EPA verified 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	%RFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD
14007AA	GARLIC 10 RAW-FRESH OR NFS 21 COOKED-NFS 32 COOKED-FRESH OR CANNED-BAKED	0.050	P	0.000015	0.000	0.05000	0.000001	0.000
14010AA	LEEKS 31 COOKED-FRESH OR CANNED	0.050	P	0.000000	0.000	0.05000	0.000014	0.000
14011AA	ONIONS-DRY-BULB (CIPOLLINI) 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED 31 COOKED-FRESH OR CANNED	0.050	P	0.002017	0.008	0.05000	0.000000	0.000
14011DA	ONIONS-DEHYDRATED OR DRIED 12 RAW-FRESH-DRIED	0.050	P	0.000000	0.000	0.05000	0.001207	0.005
14017AA	SHALLOTS 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000295	0.001
16004AA	ONIONS-GREEN 10 RAW-FRESH OR NFS 21 COOKED-NFS 25 COOKED-FRESH-FRIED	0.050	P	0.000005	0.000	0.05000	0.000515	0.002
CROP GROUP TOTALS FOR BULB VEGETABLES:					0.002037	0.008	0.002037	0.008

13002AA	CELERY 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.050	P	0.001173	0.005	0.05000	0.000174	0.001
13003AA	CHICORY (FRENCH OR BELGIAN ENDIVE) 10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.05000	0.000998	0.004
13013AA	LETTUCE-LEAFY VARIETIES 10 RAW-FRESH OR NFS 10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
13014AA	DANDELION 63 COOKED-FRESH OR FROZEN-BOILED	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
13015AA	ENDIVE, CURLY AND ESCAROLE 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.050	P	0.000000	0.000	14.95000	0.000000	0.000
13017AA	CRESS, GARDEN, FIELD 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
13020AA	LETTUCE-UNSPECIFIED 10 RAW-FRESH OR NFS	0.050	P	0.000169	0.001	0.05000	0.000000	0.000
13022AA	PARSLEY 10 RAW-FRESH OR NFS	0.050	P	0.000074	0.000	0.05000	0.000169	0.001
		0.050	P	0.000001	0.000	0.05000	0.000001	0.000

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TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Casewell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps. Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 08/15/86 HED reviewed 09/16/86 EPA verified 11/14/88 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TWRC	ARC (UG/KG/DAY)	RESIDUE (PPM)	%RFD	%RFD
13023AA	RHUBARB	0.050	P	0.000000	0.000	0.05000	0.000070	0.000
	53 COOKED-NFS					0.05000	0.000003	0.000
	21 COOKED-CANNED-BOILED					0.05000	0.000000	0.000
	10 RAW-FRESH OR NFS					0.05000	0.000000	0.000
	21 COOKED-NFS					0.05000	0.000000	0.000
	31 COOKED-FRESH OR CANNED					0.05000	0.000000	0.000
	62 COOKED-FRESH OR FROZEN-BAKED					0.05000	0.000000	0.000
13024AA	SPINACH	0.050	P	0.009235	0.037	0.05000	0.000285	0.001
	10 RAW-FRESH OR NFS					0.05000	0.000000	0.000
	21 COOKED-NFS					0.05000	0.000000	0.000
	31 COOKED-FRESH OR CANNED					0.05000	0.008950	0.036
13025AA	SWISS CHARD	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
	10 RAW-FRESH OR NFS					0.05000	0.000000	0.000
	31 COOKED-FRESH OR CANNED					0.05000	0.000000	0.000
	63 COOKED-FRESH OR FROZEN-BOILED					0.05000	0.000000	0.000
13039AA	CRESS, LUPLAND	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
	00 NOT SPECIFIED (NO CONSUMPTION)					0.05000	0.000000	0.000
13045AA	LETTUCE-HEAD VARIETIES	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
	10 RAW-FRESH OR NFS					4.95000	0.000000	0.000
	10 RAW-FRESH OR NFS					0.05000	0.000000	0.000
	21 COOKED-NFS					4.95000	0.000000	0.000
	21 COOKED-NFS					4.95000	0.000000	0.000
CROP GROUP TOTALS FOR LEAFY VEGETABLES (EXCL. BRASSICAE): 0.010651 0.043 0.043								

13005AA	BROCCOLI	1.000	P	0.026295	0.105	1.00000	0.007263	0.029
	21 COOKED-NFS					1.00000	0.015906	0.064
	31 COOKED-FRESH OR CANNED					1.00000	0.003126	0.013
	63 COOKED-FRESH OR FROZEN-BOILED					0.05000	0.000000	0.000
13006AA	BRUSSEL SPROUTS	0.050	P	0.000680	0.003	0.05000	0.000000	0.000
	21 COOKED-NFS					0.05000	0.000680	0.003
13007AA	CABBAGE-GREEN AND RED	3.000	P	0.057274	0.229	30.00000	0.002889	0.012
	10 RAW-FRESH OR NFS					3.00000	0.000000	0.000
	11 RAW-FRESH-PICKLED, CORNED, OR CURED					3.00000	0.056985	0.228
	21 COOKED-NFS					0.50000	0.000000	0.000
13008AA	CAULIFLOWER	0.500	P	0.000886	0.004	0.50000	0.000000	0.000
	10 RAW-FRESH OR NFS					0.50000	0.000886	0.004
	21 COOKED-NFS					3.00000	0.000000	0.000
13009AA	COLLARDS	3.000	P	0.047601	0.190	3.00000	0.000000	0.000
	51 COOKED-CANNED					3.00000	0.000000	0.000

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.	ADI UF-->100 OPP Rfd= 0.025000 EPA Rfd= 0.025000	No data gaps. Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	THRC (UG/KG/DAY)	%RFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD
13010AA	63 COOKED-FRESH OR FROZEN-BOILED CABBAGE-CHINESE/CELERY, INC. BOX CHOY 10 RAW-FRESH OR NFS 21 COOKED-NFS	1.000	A	0.000000	0.000	3.00000	0.047601	0.190
13011AA	KALE 63 COOKED-FRESH OR FROZEN-BOILED 63 COOKED-FRESH OR FROZEN-BOILED	0.050	P	0.000000	0.000	1.00000 1.00000	0.000000 0.000000	0.000 0.000
13012AA	KOHLRABI 21 COOKED-NFS 21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000 4.95000	0.000000 0.000000	0.000 0.000
13021AA	MUSTARD GREENS 21 COOKED-NFS 63 COOKED-FRESH OR FROZEN-BOILED	0.050	P	0.000000	0.000	0.05000 0.05000	0.000000 0.000000	0.000 0.000
<b>CROP GROUP TOTALS FOR BRASSICA (COLE) LEAFY VEGETABLES:</b>					<b>0.531</b>		<b>0.132736</b>	<b>0.541</b>

15001AA	BEANS-DRY-GREAT NORTHERN 00 NOT SPECIFIED (NO CONSUMPTION)	0.250	P	0.000000	0.000	0.25000	0.000000	0.000
15001AB	BEANS-DRY-KIDNEY 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	0.250	P	0.005171	0.021	0.25000 0.25000	0.005171 0.000000	0.021 0.000
15001AC	BEANS-DRY-LIMA 21 COOKED-NFS	0.250	P	0.000000	0.000	0.25000	0.000000	0.000
15001AD	BEANS-DRY-NAVY (PEA) 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	0.250	P	0.003863	0.015	0.25000 0.25000	0.000200 0.003663	0.001 0.015
15001AE	BEANS-DRY-OTHER 21 COOKED-NFS 25 COOKED-FRESH-FRIED 31 COOKED-FRESH OR CANNED	0.250	P	0.010020	0.040	0.25000 0.25000 0.25000	0.000869 0.000057 0.009094	0.003 0.000 0.036
15001AF	BEANS-DRY-PINTO 21 COOKED-NFS	0.250	P	0.005003	0.020	0.25000	0.005003	0.020
15002AA	BEANS-SUCCULENT-LIMA 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.050	P	0.002039	0.008	0.05000 0.05000	0.000000 0.002039	0.000 0.008
15003AA	BEANS-SUCCULENT-GREEN 21 COOKED-NFS	1.000	P	0.820030	3.280	1.00000	0.820030	3.280
15003AB	BEANS-SUCCULENT-OTHER 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.050	P	0.001268	0.005	0.05000 0.05000	0.000000 0.001268	0.000 0.005
15003AC	BEANS-SUCCULENT-YELLOW,WAX 21 COOKED-NFS	0.050	P	0.000122	0.000	0.05000	0.000122	0.000

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CHEMICAL INFORMATION		STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300		13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	MRFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	MRFD
15006AA	PEANUTS-WHOLE 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.020	P	0.000562	0.002	0.02000	0.000000	0.000
15007AA	22 COOKED-FRESH-BAKED PEAS(GARDEN)-MATURE SEEDS/DRY 21 COOKED-NFS	0.250	P	0.007265	0.029	0.02000	0.000495	0.002
15009AA	31 COOKED-FRESH OR CANNED PEAS(GARDEN)-GREEN IMMATURE 21 COOKED-NFS	1.000	P	0.535520	2.142	0.25000	0.000000	0.000
15011AA	31 COOKED-FRESH OR CANNED LENTILES-WHOLE 31 COOKED-FRESH OR CANNED	0.050	P	0.000000	0.000	1.00000	0.199252	0.797
15011AB	31 COOKED-FRESH OR CANNED LENTILES-SPLIT 21 COOKED-NFS	0.050	P	0.000000	0.000	1.00000	0.336268	1.345
15013AA	MUNG BEANS (SPROUTS) 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.250	P	0.000000	0.000	0.05000	0.000000	0.000
15020AA	CAROB 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
15022AA	22 COOKED-FRESH-BAKED BEANS-DRY-BROADBEANS(MATURE SEED)	0.250	P	0.000000	0.000	0.05000	0.000000	0.000
15022AB	00 NOT SPECIFIED (NO CONSUMPTION) BEANS-SUCCULENT-BROADBEANS(IMMAT. SEED)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
15023AA	00 NOT SPECIFIED (NO CONSUMPTION) BEANS-DRY-PIGEON BEANS 21 COOKED-NFS	0.250	P	0.000000	0.000	0.05000	0.000000	0.000
15027AA	BEANS-UNSPECIFIED 21 COOKED-NFS	0.250	P	0.001115	0.004	0.25000	0.000000	0.000
15029AA	SOYBEANS-SPROUTED SEEDS 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.25000	0.001115	0.004
15030AA	BEANS-DRY-HYACINTH(MATURE SEEDS) 00 NOT SPECIFIED (NO CONSUMPTION)	0.250	P	0.000000	0.000	0.05000	0.000000	0.000
15030AB	00 NOT SPECIFIED (NO CONSUMPTION) BEANS-SUCCULENT-HYACINTH(YOUNG PODS)	0.050	P	0.000000	0.000	0.25000	0.000000	0.000
15031AA	00 NOT SPECIFIED (NO CONSUMPTION) BEANS-DRY-BLACKEYE PEAS(COPEAS) 21 COOKED-NFS	0.250	P	0.000902	0.004	0.05000	0.000000	0.000
15032AA	BEANS-DRY-GARBANZO(CHICK PEA) 21 COOKED-NFS	0.250	P	0.000000	0.000	0.25000	0.000902	0.004
270070A	31 COOKED-FRESH OR CANNED PEANUTS-OIL 18 PROCESSED OIL	0.050	P	0.000024	0.000	0.25000	0.000000	0.000
						0.25000	0.000000	0.000
						0.05000	0.000060	0.000

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CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction. No evidence of carcinogenicity in rats or mice.	ADI UF-->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps. Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 08/15/86 HED reviewed 09/16/86 EPA verified 11/14/88 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	%RFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD
270100A	SOYBEANS-OIL	0.050	P	0.067982	0.272	0.05000	0.067982	0.272
28023AA	18 PROCESSED OIL SOYBEANS-UNSPECIFIED	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
28023AB	21 COOKED-NFS SOYBEANS-MATURE/SEEDS DRY 10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
28023BA	21 COOKED-NFS 23 COOKED-FRESH-BOILED 25 COOKED-FRESH-FRIED 31 COOKED-FRESH OR CANNED	0.050	P	0.001702	0.007	0.05000	0.001642	0.007
28023BB	SOYBEANS-FLOUR/FULL FAT 21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
28023BC	22 COOKED-FRESH-BAKED 31 COOKED-FRESH OR CANNED	0.050	P	0.011858	0.047	0.05000	0.000009	0.000
28023BD	SOYBEANS-FLOUR/LOW FAT 21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000051	0.000
28023BE	SOYBEANS-FLOUR/DEFATTED 10 RAW-FRESH OR NFS	0.050	P	0.011858	0.047	0.05000	0.000000	0.000
28023BF	21 COOKED-NFS 22 COOKED-FRESH-BAKED 51 COOKED-CANNED 53 COOKED-CANNED-BOILED	0.050	P	0.011858	0.047	0.05000	0.000000	0.000
CROP GROUP TOTALS FOR LEGUME VEGETABLES:					5.898	1.474446	1.474481	5.898

080480A	PAPRIKA	1.000	P	0.000000	0.000	1.00000	0.000000	0.000
11001AA	EGGPLANT	0.500	P	0.000000	0.000	0.50000	0.000000	0.000
11003AA	PEPPERS (SWEET/GARDEN)	0.500	P	0.001800	0.007	0.50000	0.000075	0.000
11003AB	CHILI PEPPERS	0.500	P	0.000000	0.000	0.50000	0.001725	0.007
11003AD	PEPPERS-OTHER	0.500	P	0.000018	0.000	0.50000	0.000000	0.000
11004AA	PIMIENTOS	0.500	P	0.000000	0.000	0.50000	0.000018	0.000
	10 RAW-FRESH OR NFS	0.500	P	0.000000	0.000	0.50000	0.000000	0.000

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	MRO reviewed 08/15/86 HED verified 09/16/86 HED reviewed 11/14/88  On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	THRC (UG/KG/DAY)	%RFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD
11005AA	21 COOKED-NFS 31 COOKED-FRESH OR CANNED TOMATOES-WHOLE	0.500	P	0.226593	0.906	0.50000	0.000000	0.000
11005JA	10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH OR CANNED TOMATOES-JUICE	0.500	P	0.000000	0.000	0.50000	0.001800	0.007
11005RA	10 RAW-FRESH OR NFS 21 COOKED-NFS 10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH OR CANNED 32 COOKED-FRESH OR CANNED-BAKED 51 COOKED-CANNED TOMATOES-PASTE	0.500	P	0.172917	0.692	0.50000	0.000000	0.000
11005TA	21 COOKED-NFS 22 COOKED-FRESH-BAKED 31 COOKED-FRESH OR CANNED TOMATOES-CATSUP	0.500	P	0.081443	0.326	0.50000	0.014279	0.057
11005UA	21 COOKED-NFS 25 COOKED-FRESH-FRIED OKRA	0.500	P	0.004707	0.019	0.50000	0.091170	0.365
15015AA	21 COOKED-NFS 25 COOKED-FRESH-FRIED	0.100	P	0.000000	0.000	0.50000	0.001081	0.004
CROP GROUP TOTALS FOR FRUITING VEGETABLES (EXCL. CUCURBITS):					1.950	0.487478	0.487476	1.950

10002AA	CANTALOUPE-UNSPECIFIED 00 NOT SPECIFIED (NO CONSUMPTION)	0.500	P	0.000000	0.000	0.50000	0.000000	0.000
10002AB	CANTALOUPE-PULP 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.500	P	0.003795	0.015	0.50000	0.003795	0.015
10003AA	CASABAS 10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
10004AA	CRENSHAW 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
10005AA	HONEYDEW MELONS 10 RAW-FRESH OR NFS	0.500	P	0.002600	0.010	0.50000	0.002600	0.010
10007AA	PERSTON MELONS 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
10008AA	WATERMELON 10 RAW-FRESH OR NFS	0.500	P	0.007825	0.031	0.50000	0.007726	0.031

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.	ADI UF -->100 OPP RFD= 0.025000 EPA RFD= 0.025000	No data gaps. Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	THRC (UG/KG/DAY)	XRFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	XRFD
10010AA	21 COOKED-NFS CUCUMBERS	0.500	P	0.012767	0.051	0.50000	0.000099	0.000
	10 RAW-FRESH OR NFS					0.50000	0.012584	0.050
	11 RAW-FRESH-PICKLED, CORNED, OR CURED					0.50000	0.000184	0.001
	21 COOKED-NFS					0.50000	0.000000	0.000
10011AA	PUMPKIN	0.500	P	0.000000	0.000	0.50000	0.000000	0.000
	21 COOKED-NFS					0.50000	0.000000	0.000
	22 COOKED-FRESH-BAKED					0.50000	0.000000	0.000
10013AA	62 COOKED-FRESH OR FROZEN-BAKED SQUASH-SUMMER	0.500	P	0.002352	0.009	0.50000	0.000000	0.000
	10 RAW-FRESH OR NFS					0.50000	0.000000	0.000
	21 COOKED-NFS					0.50000	0.002352	0.009
10014AA	SQUASH-WINTER	0.500	P	0.184450	0.738	0.50000	0.000000	0.000
	10 RAW-FRESH OR NFS					0.50000	0.035706	0.143
	21 COOKED-NFS					0.50000	0.148744	0.595
10017AA	BITTER MELON	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
10020AA	TOMELGOURD	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
	00 NOT SPECIFIED (NO CONSUMPTION)					0.05000	0.000000	0.000
CROP GROUP TOTALS FOR FRUITING VEGETABLES (CUCURBITS):					0.855	0.213789	0.213790	0.855

02001AA	CITRUS CITRUS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
	22 COOKED-FRESH-BAKED					0.05000	0.000000	0.000
02002AA	GRAPEFRUIT-UNSPECIFIED	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
	00 NOT SPECIFIED (NO CONSUMPTION)					0.05000	0.000000	0.000
02002AB	GRAPEFRUIT-PULP	0.050	P	0.000009	0.000	0.05000	0.000000	0.000
	10 RAW-FRESH OR NFS					0.05000	0.000000	0.000
	21 COOKED-NFS					0.05000	0.000000	0.000
02002JA	GRAPEFRUIT-JUICE	0.050	P	0.005530	0.022	0.05000	0.005530	0.022
	15 RAW-FRESH OR CANNED					0.05000	0.000000	0.000
02003AA	KUMQUATS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
	31 COOKED-FRESH OR CANNED					0.05000	0.000000	0.000
02004AA	LEMONS-UNSPECIFIED	0.050	P	0.000002	0.000	0.05000	0.000000	0.000
	10 RAW-FRESH OR NFS					0.05000	0.000000	0.000
	22 COOKED-FRESH-BAKED					0.05000	0.000002	0.000
02004AB	LEMONS-PULP	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
	10 RAW-FRESH OR NFS					0.05000	0.000000	0.000
	31 COOKED-FRESH OR CANNED					0.05000	0.000000	0.000

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TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat MOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction. No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps. Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	THRC (UG/KG/DAY)	XRFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	XRFD
02004HA	LEMONS-PEEL 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.050	P	0.000001	0.000	0.05000 0.000000	0.000000 0.000001	0.000 0.000
02004JA	LEMONS-JUICE 10 RAW-FRESH OR NFS 15 RAW-FRESH OR CANNED 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	0.050	P	0.000183	0.001	0.05000 0.05000 0.05000 0.05000 0.05000	0.000029 0.000000 0.000023 0.000131	0.000 0.000 0.000 0.000 0.001
02005AA	LIMES-UNSPECIFIED 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
02005AB	LIMES-PULP 10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
02005HA	LIMES-PEEL 21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
02005JA	LIMES-JUICE 10 RAW-FRESH OR NFS 15 RAW-FRESH OR CANNED 31 COOKED-FRESH OR CANNED	0.050	P	0.000003	0.000	0.05000 0.05000 0.05000 0.05000	0.000003 0.000000 0.000000 0.000000	0.000 0.000 0.000 0.000
02006AA	ORANGES-UNSPECIFIED 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
02006AB	ORANGES-PULP 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.050	P	0.001949	0.008	0.05000 0.05000	0.001812 0.000137	0.007 0.001
02006HA	ORANGES-PEEL 21 COOKED-NFS 22 COOKED-FRESH-BAKED 31 COOKED-FRESH OR CANNED	0.050	P	0.000003	0.000	0.05000 0.05000 0.05000	0.000000 0.000003 0.000000	0.000 0.000 0.000
02006JA	ORANGES-JUICE 15 RAW-FRESH OR CANNED 31 COOKED-FRESH OR CANNED	0.050	P	0.132114	0.528	0.05000 0.05000	0.068990 0.063123	0.276 0.252
02007AA	TANGELOS 10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
02008AA	TANGERINES 10 RAW-FRESH OR NFS	0.050	P	0.000115	0.000	0.05000	0.000115	0.000
02008JA	TANGERINE-JUICE 15 RAW-FRESH OR CANNED	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
CROP GROUP TOTALS FOR CITRUS FRUITS:					0.560	0.139900	0.139899	0.560

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm OMCO: Negative- 2 species	Neurological dysfunction.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps. Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 08/15/86 HED reviewed 09/16/86 EPA verified 11/14/88 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	XRFD	ANTICIPATED RESIDUE (PPH)	ARC (UG/KG/DAY)	XRFD
04001AA	APPLES-FRESH 10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH OR CANNED 62 COOKED-FRESH OR FROZEN-BAKED	1.000	P	2.853996	11.416	1.00000 1.00000 1.00000 1.00000	0.056655 0.221827 2.563594 0.011919	0.227 0.887 10.254 0.048
04001DA	APPLES-DRIED 10 RAW-FRESH OR NFS 22 COOKED-FRESH-BAKED 62 COOKED-FRESH OR FROZEN-BAKED	1.000	P	0.000000	0.000	1.00000 1.00000 1.00000	0.000000 0.000000 0.000000	0.000 0.000 0.000
04001JA	APPLES-JUICE 15 RAW-FRESH OR CANNED 31 COOKED-FRESH OR CANNED	1.000	P	5.196313	20.785	1.00000 1.00000	1.713416 3.482895	6.854 13.932
04002AA	CRABAPPLES 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.90000	0.000000	0.000
04003AA	PEARS-FRESH 10 RAW-FRESH OR NFS 31 COOKED-FRESH OR CANNED 51 COOKED-CANNED 62 COOKED-FRESH OR FROZEN-BAKED	1.000	P	1.578059	6.312	1.00000 1.00000 1.00000 1.00000	0.068564 0.161402 1.348092 0.000000	0.274 0.646 5.392 0.000
04003DA	PEARS-DRIED 10 RAW-FRESH OR NFS 21 COOKED-NFS	1.000	P	0.000000	0.000	1.00000 1.00000	0.000000 0.000000	0.000 0.000
04004AA	QUINCES 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
CROP GROUP TOTALS FOR POME FRUITS:					38.513	9.628368	9.628364	38.513

05001AA	APRICOTS-FRESH 10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	3.000	P	1.156072	4.624	3.00000 3.00000 3.00000	0.131006 0.002105 1.022960	0.524 0.008 4.092
05001DA	APRICOTS-DRIED 10 RAW-FRESH OR NFS 22 COOKED-FRESH-BAKED	3.000	P	0.000000	0.000	3.00000 3.00000	0.000000 0.000000	0.000 0.000
05002AA	CHERRIES-FRESH 10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH OR CANNED 62 COOKED-FRESH OR FROZEN-BAKED	3.000	P	0.208394	0.834	3.00000 3.00000 3.00000 3.00000	0.004372 0.106614 0.097408 0.000000	0.017 0.426 0.390 0.000
05002DA	CHERRIES-DRIED 00 NOT SPECIFIED (NO CONSUMPTION)	3.000	P	0.000000	0.000	3.00000	0.000000	0.000



TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 08/15/86 HED reviewed 09/16/86 HED reviewed 11/14/88  On IRIS.

COMMUNITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	XRFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	XRFD
05002JA	CHERRIES-JUICE 15 RAW-FRESH OR CANNED 21 COOKED-NFS	3.000	P	0.117949	0.472	3.00000 3.00000	0.117949 0.000000	0.472 0.000
05003AA	NECTARINES 10 RAW-FRESH OR NFS	3.000	P	0.000000	0.000	3.00000	0.544489	2.178
05004AA	PEACHES-FRESH 10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH OR CANNED 51 COOKED-CANNED	3.000	P	6.260218	25.041	3.00000 3.00000 3.00000 3.00000	0.002105 0.728897 4.984726	0.008 2.916 19.939
05004DA	PEACHES-DRIED 10 RAW-FRESH OR NFS 21 COOKED-NFS	3.000	P	0.000000	0.000	3.00000 3.00000	0.000000 0.000000	0.000 0.000
05005AA	PLUMS(DANSONS)-FRESH 10 RAW-FRESH OR NFS 31 COOKED-FRESH OR CANNED	3.000	P	0.884964	3.540	3.00000 3.00000	0.022738 0.862226	0.091 3.449
05005DA	PLUMS-PRUNES(DRIED) 10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	3.000	P	0.456137	1.825	3.00000 3.00000 3.00000	0.000000 0.001100 0.455036	0.000 0.004 1.820
05005JA	PLUMS/PRUNE-JUICE 10 RAW-FRESH OR NFS 62 COOKED-FRESH OR FROZEN-BAKED	3.000	P	0.510300	2.041	3.00000 3.00000	0.510299 0.000000	2.041 0.000
<b>CROP GROUP TOTALS FOR STONE FRUITS:</b>					<b>38.376</b>	<b>9.594034</b>	<b>9.594030</b>	<b>38.376</b>

01002AA	BLACKBERRIES 10 RAW-FRESH OR NFS 21 COOKED-NFS 62 COOKED-FRESH OR FROZEN-BAKED	1.000	P	0.000000	0.000	1.00000 1.00000 1.00000	0.000000 0.000702 0.000000	0.000 0.003 0.000
01003AA	BOYSENBERRIES 10 RAW-FRESH OR NFS	1.000	P	0.000000	0.000	1.00000	0.000000	0.000
01004AA	DEWBERRIES 00 NOT SPECIFIED (NO CONSUMPTION)	1.000	P	0.000000	0.000	1.00000	0.000000	0.000
01005AA	LOGANBERRIES 00 NOT SPECIFIED (NO CONSUMPTION)	1.000	P	0.000000	0.000	1.00000	0.000000	0.000
01006AA	RASPBERRIES 10 RAW-FRESH OR NFS 15 RAW-FRESH OR CANNED 31 COOKED-FRESH OR CANNED 62 COOKED-FRESH OR FROZEN-BAKED	1.000	P	0.000000	0.000	1.00000 1.00000 1.00000 1.00000	0.000000 0.000000 0.000000 0.000000	0.000 0.000 0.000 0.000

CHEMICAL INFORMATION		STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300		13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RFD= 0.025000 EPA RFD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	THRC (US/KG/DAY)	XRFD	ANTICIPATED RESIDUE (PPM)	ARC (US/KG/DAY)	XRFD
01007AA	70 RAW-FROZEN YOUNGBERRIES	1.000	P	0.000000	0.000	1.00000	0.000000	0.000
01009AA	00 NOT SPECIFIED (NO CONSUMPTION) BLUEBERRIES 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED 62 COOKED-FRESH OR FROZEN-BAKED	1.000	P	0.080549	0.322	1.00000	0.014918 0.065045 0.000585 0.000000	0.060 0.260 0.002 0.000
01010AA	CRANBERRIES 10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	1.000	A	0.031506	0.126	1.00000	0.000000	0.000
01010JA	CRANBERRIES-JUICE 15 RAW-FRESH OR CANNED 31 COOKED-FRESH OR CANNED	1.000	A	0.000000	0.000	1.00000	0.000000	0.000
01011AA	CURRENTS 10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH-BAKED	1.000	P	0.000000	0.000	1.00000	0.000000	0.000
01012AA	ELDERBERRIES 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED	1.000	P	0.000000	0.000	1.00000	0.000000	0.000
01013AA	GOOSEBERRIES 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED	1.000	P	0.000000	0.000	1.00000	0.000000	0.000
01014AA	GRAPES-FRESH 62 COOKED-FRESH OR FROZEN-BAKED	0.050	P	0.001237	0.005	1.00000	0.000000	0.000
01014DA	GRAPES-RAISINS 10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	0.050	P	0.000207	0.001	0.05000	0.000183 0.000000 0.001054	0.001 0.000 0.004
01014JA	GRAPES-JUICE 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED	0.050	P	0.010409	0.042	0.05000	0.000000 0.000000 0.000207	0.000 0.000 0.001
01015AA	HUCKLEBERRIES (GAYLUSSACIA) 10 RAW-FRESH OR NFS 15 RAW-FRESH OR CANNED 21 COOKED-NFS 00 NOT SPECIFIED (NO CONSUMPTION)	1.000	P	0.000000	0.000	0.05000	0.001647 0.008142 0.000621	0.007 0.033 0.002
01016AA	STRAMBERRIES 10 RAW-FRESH OR NFS 21 COOKED-NFS 70 RAW-FROZEN	0.050	P	0.001363	0.005	1.00000	0.000000	0.000
						0.05000	0.000769 0.000035 0.000559	0.003 0.000 0.002

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION		STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Cashell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300		13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 DPP RFD= 0.025000 EPA RFD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	THRC (UG/KG/DAY)	XRFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	XRFD
01024AA	JUNE BERRY 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
CROP GROUP TOTALS FOR SMALL FRUITS AND BERRIES:								
15004AA	CORN, POP 21 COOKED-NFS	0.050	P	0.000091	0.000	0.05000	0.000091	0.000
15005AA	CORN/SWEET 10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	0.100	P	0.040883	0.164	0.10000	0.000000 0.015378 0.025304	0.000 0.062 0.101
24001AA	BARLEY 21 COOKED-NFS	0.050	P	0.006976	0.028	0.05000	0.006976	0.028
24002EA	CORN, GRAIN-ENDOSPERM 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED 23 COOKED-FRESH-BOILED	0.020	P	0.005649	0.023	0.02000	0.000000 0.003567 0.001222 0.000861	0.000 0.014 0.005 0.003
24002HA	CORN, GRAIN-BRAN 00 NOT SPECIFIED (NO CONSUMPTION)	0.020	P	0.000000	0.000	0.02000	0.000000	0.000
24002SA	CORN SUGAR 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED	0.020	P	0.009101	0.036	0.02000	0.000000 0.009038 0.000062	0.000 0.036 0.000
24003AA	OATS 21 COOKED-NFS 22 COOKED-FRESH-BAKED 23 COOKED-FRESH-BOILED	0.050	P	0.037454	0.150	0.05000	0.027654 0.001793 0.008008	0.111 0.007 0.032
24004AA	RICE-ROUGH 21 COOKED-NFS 23 COOKED-FRESH-BOILED	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
24004AB	RICE-MILLED 21 COOKED-NFS 22 COOKED-FRESH-BAKED 23 COOKED-FRESH-BOILED	0.050	P	0.066104	0.264	0.05000	0.000000 0.037661 0.001198 0.003372 0.023872	0.000 0.151 0.005 0.013 0.095
24005AA	RYE-ROUGH 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
24005GA	RYE-GERM 22 COOKED-FRESH-BAKED	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
24005HA	RYE-FLOUR 21 COOKED-NFS	0.050	P	0.000011	0.000	0.05000	0.000000	0.000

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CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300		No evidence of carcinogenicity in rats or mice.		Issue concerning isomers to be resolved by HED reviewer.	On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TWRC	XRFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	XRFD
24006AA	22 COOKED-FRESH-BAKED SORGHUM (INCLUDING MILO) 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000011	0.000
24007AA	WHEAT-ROUGH 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED 23 COOKED-FRESH-BOILED	0.050	P	0.006115	0.024	0.05000	0.000000	0.000
24007GA	WHEAT-GERM 10 RAW-FRESH OR NFS 22 COOKED-FRESH-BAKED	0.050	P	0.000022	0.000	0.05000	0.000000	0.000
24007HA	WHEAT-BRAN 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED	0.050	P	0.000051	0.000	0.05000	0.000000	0.000
24007MA	WHEAT-FLOUR 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED 25 COOKED-FRESH-FRIED	0.050	P	0.045403	0.182	0.05000	0.000000	0.000
24012AA	MILLET 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
26001AA	BUCKWHEAT 21 COOKED-NFS 22 COOKED-FRESH-BAKED 25 COOKED-FRESH-FRIED	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
270020A	CORN, GRAIN-OIL 18 PROCESSED OIL	0.020	P	0.000242	0.001	0.05000	0.000000	0.000
CROP GROUP TOTALS FOR CEREAL GRAINS:					0.872	0.218102	0.218102	0.872
03001AA	ALMONDS 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED	0.200	P	0.000427	0.002	0.20000	0.000000	0.000
03002AA	BRAZIL NUTS 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.050	P	0.000000	0.000	0.20000	0.000322	0.001
03003AA	CASHEWS 10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.20000	0.000106	0.000
CROP GROUP TOTALS FOR CEREAL GRAINS:					0.872	0.218102	0.218102	0.872

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CHEMICAL INFORMATION		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300		13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species		Neurological,dysfunctional		ADI UF -->100 OPP Rfd= 0.025000 EPA Rfd= 0.025000		No data gaps. Issue concerning isomers to be resolved by HED reviewer.		WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88 On IRIS.	

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	THRC (UG/KG/DAY)	XRFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	XRFD
03004AA	21 COOKED-NFS CHESTNUTS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
03005AA	21 COOKED-NFS FILBERTS/HAZELNUTS 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED	0.200	P	0.000027	0.000	0.20000 0.20000 0.20000	0.000000 0.000000 0.000027	0.000 0.000 0.000
03006AA	HICKORY NUTS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
03007AA	10 RAW-FRESH OR NFS MACADAMIA NUTS (BUSH NUTS) 10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
03008AA	PECANS	0.200	P	0.000072	0.000	0.20000	0.000000	0.000
03009AA	WALNUTS 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED	0.200	P	0.000583	0.002	0.20000 0.20000 0.20000	0.000000 0.000000 0.000072	0.000 0.000 0.000
03010AA	BUTTER NUTS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
03013AA	BEECHNUTS 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
CROP GROUP TOTALS FOR TREE NUTS:					0.001109	0.004	0.001110	0.004
08004AA	ANICE	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08006AA	BASIL	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08007AA	CARRAWAY	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08011AA	CINNAMON	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08012AA	CLOVE	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08013AA	CORIANDER	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08014AA	CUMIN	0.050	P	0.000000	0.000	0.05000	0.000000	0.000

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CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat HOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm OMCO: Negative- 2 species	Neurological dysfunction.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps. Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 08/15/86 HED reviewed 09/16/86 EPA verified 11/14/88 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)		TMRC TYPE (US/KG/DAY)	XRFD	ANTICIPATED RESIDUE (US/KG/DAY)		XRFD
		0.050	P			0.050000	ARC	
08015AA	DILL	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08019AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08022AA	GINGER	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08022AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08023AA	HORSERADISH	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08023AA	11 RAW-FRESH-PICKLED,CORNED,OR CURED	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08023AA	ROSEMARY	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08026AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08026AA	MARJORAM	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08026AB	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08029AA	OREGANO	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08029AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08029AB	MUTHEG	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08029AB	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08035AA	MACE	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08035AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08036AA	SAGE	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08036AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08038AA	SAVORY	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08038AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08042AA	BAY	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08042AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08047AA	THYME	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
08047AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
14005AA	ALLSPICE	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
14005AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
28080AA	CHIVES	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
28080AA	10 RAW-FRESH OR NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
28080AA	PEPPERHINT	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
28080AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
28080AA	PEPPERHINT-OIL	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
28081AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
28081AA	SPEARHINT	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
28081AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
28081AA	SPEARHINT-OIL	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
28081AA	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
CROP GROUP TOTALS FOR HERBS AND SPICES:					0.000000	0.000	0.000000	0.000

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TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm OMCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TWRC (UG/KG/DAY)	XRFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	XRFD
530018A	BEEF-MEAT BYPRODUCTS 21 COOKED-NFS	1.500	P	0.016528	0.066	1.50000	0.016528	0.066
530018B	26 COOKED-FRESH-PICKLED,CORNED,OR CURED BEEF(ORGAN MEATS)-OTHER 21 COOKED-NFS 51 COOKED-CANNED	1.500	P	0.004662	0.019	1.50000	0.002304 0.002358	0.009 0.009
53001DA	BEEF-DRIED 21 COOKED-NFS	1.500	P	0.000000	0.000	0.10000	0.000000	0.000
53001FA	BEEF(BONELESS)-FAT (BEEF TALLOW) 10 RAW-FRESH OR NFS	1.500	P	0.286921	1.148	0.71000	0.000419	0.002
53001KA	21 COOKED-NFS 22 COOKED-FRESH-BAKED 23 COOKED-FRESH-BOILED 24 COOKED-FRESH-BROILED 25 COOKED-FRESH-FRIED	1.500	P	0.000000	0.000	0.71000	0.088579 0.009973 0.016134 0.018444	0.354 0.040 0.065 0.074
53001LA	BEEF(ORGAN MEATS)-LIVER 25 COOKED-FRESH-FRIED	1.500	P	0.046851	0.187	1.50000	0.010485	0.042
53001MA	31 COOKED-FRESH OR CANNED BEEF(BONELESS)-LEAN (W/O REMOVEABLE FAT) 10 RAW-FRESH OR NFS	1.500	P	1.841779	7.367	1.50000	0.036366	0.145
53002BA	21 COOKED-NFS 22 COOKED-FRESH-BAKED 23 COOKED-FRESH-BOILED 24 COOKED-FRESH-BROILED	1.500	P	0.000000	0.000	0.10000	0.000000 0.107380 0.002858	0.000 0.430 0.011
53002BB	00 NOT SPECIFIED (NO CONSUMPTION) GOAT(ORGAN MEATS)-OTHER	1.500	P	0.000000	0.000	0.10000	0.006187	0.025
53002FA	00 NOT SPECIFIED (NO CONSUMPTION) GOAT(BONELESS)-FAT	1.500	P	0.000000	0.000	0.10000	0.006360	0.025
53002KA	23 COOKED-FRESH-BOILED 25 COOKED-FRESH-FRIED	1.500	P	0.000000	0.000	1.50000	0.000000	0.000
53002LA	00 NOT SPECIFIED (NO CONSUMPTION) GOAT(ORGAN MEATS)-KIDNEY GOAT(ORGAN MEATS)-LIVER	1.500	P	0.000000	0.000	1.50000	0.000000	0.000
53002MA	00 NOT SPECIFIED (NO CONSUMPTION) GOAT(BONELESS)-LEAN (W/O REMOVEABLE FAT) 23 COOKED-FRESH-BOILED 25 COOKED-FRESH-FRIED	1.500	P	0.000000	0.000	1.50000	0.000000 0.000000	0.000 0.000
53003AA	HORSE 00 NOT SPECIFIED (NO CONSUMPTION)	1.500	P	0.000000	0.000	1.50000	0.000000	0.000

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TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

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Fenvalerate (Pydrin) Castwell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinog- enicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88  On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	THRC (UG/KG/DAY)	XRFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	XRFD
53004AA	RABBIT 21 COOKED-NFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
53005BA	SHEEP-MEAT BYPRODUCTS 21 COOKED-NFS	1.500	P	0.000000	0.000	0.05000	0.000000	0.000
53005BB	SHEEP(ORGAN MEATS)-OTHER 21 COOKED-NFS	1.500	P	0.000000	0.000	1.50000	0.000000	0.000
53005FA	SHEEP(BONELESS)-FAT 21 COOKED-NFS	1.500	P	0.010879	0.044	1.50000	0.010879	0.044
53005KA	SHEEP(ORGAN MEATS)-KIDNEY 21 COOKED-NFS	1.500	P	0.000000	0.000	1.50000	0.000000	0.000
53005LA	SHEEP(ORGAN MEATS)-LIVER 00 NOT SPECIFIED (NO CONSUMPTION)	1.500	P	0.000000	0.000	1.50000	0.000000	0.000
53005MA	SHEEP(BONELESS)-LEAN (W/O REMOVEABLE FAT) 21 COOKED-NFS	1.500	P	0.094572	0.378	1.50000	0.003372	0.013
53006BA	PORK-MEAT BYPRODUCTS 21 COOKED-NFS	1.500	P	0.008611	0.034	1.50000	0.091200	0.365
53006BB	PORK(ORGAN MEATS)-OTHER 21 COOKED-NFS	1.500	P	0.002304	0.009	1.50000	0.008611	0.034
53006FA	PORK(BONELESS)-FAT (INCLUDING LARD) 10 RAW-FRESH OR NFS 21 COOKED-NFS	1.500	P	0.219770	0.879	1.50000	0.002304	0.009
53006KA	PORK(FRESH-PICKLED, CORNED, OR CURED) 21 COOKED-NFS	1.500	P	0.000000	0.000	1.50000	0.000000	0.000
53006LA	PORK(ORGAN MEATS)-LIVER 21 COOKED-NFS	1.500	P	0.022602	0.090	1.50000	0.000878	0.004
53006MA	PORK(BONELESS)-LEAN (W/O REMOVEABLE FAT) 21 COOKED-NFS	1.500	P	0.662613	2.650	1.50000	0.181000	0.724
	25 COOKED-FRESH-FRIED					1.50000	0.016720	0.067
	25 COOKED-FRESH-FRIED					1.50000	0.009536	0.038
	26 COOKED-FRESH-PICKLED, CORNED, OR CURED					1.50000	0.011636	0.047
	21 COOKED-NFS					1.50000	0.000000	0.000
	25 COOKED-FRESH-FRIED					1.50000	0.022602	0.090
	25 COOKED-FRESH-FRIED					1.50000	0.000000	0.000
	26 COOKED-FRESH-PICKLED, CORNED, OR CURED					1.50000	0.618376	2.474
	25 COOKED-FRESH-FRIED					1.50000	0.020007	0.080
	26 COOKED-FRESH-PICKLED, CORNED, OR CURED					1.50000	0.024230	0.097
CROP GROUP TOTALS FOR RED MEAT:					3.218092	12.872	1.347988	5.392

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TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

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Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF --> 100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by HED reviewer.	HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/86  On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	XRFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	XRFD
550088A	TURKEY-BYPRODUCTS 21 COOKED-NFS	0.050	P	0.000000	0.000	0.050000	0.000000	0.000
550088A	26 COOKED-FRESH-PICKLED,CORNEED,OR CURED TURKEY-GIBLETS (LIVER)	0.050	P	0.000000	0.000	0.050000	0.000000	0.000
550088A	21 COOKED-NFS 25 COOKED-FRESH-FRIED TURKEY-FLESH(W/O SKIN, W/O BONES)	0.050	P	0.005996	0.024	0.050000	0.000000	0.000
550088B	21 COOKED-NFS 31 COOKED-FRESH OR CANNED 62 COOKED-FRESH OR FROZEN-BAKED TURKEY-FLESH(+SKIN,W/O BONES)	0.050	P	0.004068	0.016	0.050000	0.004068	0.016
550088C	21 COOKED-NFS 25 COOKED-FRESH-FRIED TURKEY-UNSPECIFIED	0.050	P	0.000000	0.000	0.050000	0.000000	0.000
550138A	POULTRY,OTHER-BYPRODUCTS 21 COOKED-NFS	0.050	P	0.000000	0.000	0.050000	0.000000	0.000
550138A	00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.050000	0.000000	0.000
550138A	POULTRY,OTHER-GIBLETS(LIVER)	0.050	P	0.000000	0.000	0.050000	0.000000	0.000
550138A	25 COOKED-FRESH-FRIED POULTRY,OTHER-FLESH (+SKIN,W/O BONES)	0.050	P	0.000000	0.000	0.050000	0.000000	0.000
550158A	21 COOKED-NFS CHICKEN-BYPRODUCTS 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.050000	0.000000	0.000
550158A	CHICKEN-GIBLETS(LIVER)	0.050	P	0.000800	0.003	0.050000	0.000800	0.003
550158A	21 COOKED-NFS 25 COOKED-FRESH-FRIED 26 COOKED-FRESH-PICKLED,CORNEED,OR CURED CHICKEN-FLESH(W/O SKIN,W/O BONES)	0.050	P	0.016417	0.066	0.050000	0.000766	0.003
550158A	21 COOKED-NFS 22 COOKED-FRESH-BAKED 25 COOKED-FRESH-FRIED 31 COOKED-FRESH OR CANNED 53 COOKED-CANNED-BOILED CHICKEN-FLESH(+SKIN,W/O BONES)	0.050	P	0.025422	0.102	0.050000	0.000045	0.000
550158B	21 COOKED-NFS 25 COOKED-FRESH-FRIED	0.050	P	0.002854	0.011	0.050000	0.002854	0.011
CROP GROUP TOTALS FOR POULTRY:					0.211	0.052703	0.052703	0.211

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CPR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species	Neurological dysfunction.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.025000	No data gaps. Issue concerning isomers to be resolved by HED reviewer.	WHO reviewed 1986 HED reviewed 08/15/86 EPA verified 09/16/86 HED reviewed 11/14/88 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	XXFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	XXFD
53010AA	FISH-UNSPECIFIED 21 COOKED-WFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
53013AA	FISH-SHELLFISH 10 RAW-FRESH OR NFS 21 COOKED-WFS	0.050	P	0.000014	0.000	0.05000	0.000000	0.000
53015AA	FISH-ROE, CAVIAR 25 COOKED-FRESH-FRIED 21 COOKED-WFS	0.050	P	0.000000	0.000	0.05000	0.000000	0.000
53016AA	FISH-FRESHWATER FINFISH 51 COOKED-CANNED 21 COOKED-WFS	0.050	P	0.000174	0.001	0.05000	0.000060	0.000
53017AA	FISH-SALTWATER FINFISH 25 COOKED-FRESH-FRIED 10 RAW-FRESH OR NFS	0.050	P	0.002809	0.011	0.05000	0.000000	0.000
53017DA	FISH-FINFISH-SALTWATER-DRIED 12 RAW-FRESH-DRIED 21 COOKED-WFS	0.050	P	0.000000	0.000	0.05000	0.002686	0.011
CROP GROUP TOTALS FOR FISH:						0.002997	0.012	0.012

50000DB	MILK-NON-FAT SOLIDS 10 RAW-FRESH OR NFS 21 COOKED-WFS 51 COOKED-CANNED	0.300	P	15.307509	61.230	0.01700	0.485569	1.942
50000FA	MILK-FAT SOLIDS 10 RAW-FRESH OR NFS 21 COOKED-WFS 51 COOKED-CANNED	7.000	P	9.973340	39.893	0.01700	0.054067	0.216
50000SA	MILK SUGAR (LACTOSE) 21 COOKED-WFS 51 COOKED-CANNED	0.300	P	0.909141	3.637	0.01700	0.327789	1.311
55014AA	EGGS-WHOLE 10 RAW-FRESH OR NFS 21 COOKED-WFS 22 COOKED-FRESH-BAKED 23 COOKED-FRESH-BOTTLED 25 COOKED-FRESH-FRIED	0.050	P	0.023568	0.094	2.10000	2.708361	10.833
55014AB	EGGS-WHITE ONLY 10 RAW-FRESH OR NFS	0.050	P	0.000206	0.001	2.10000	0.241114	0.964
						2.10000	0.042526	0.170
						0.01000	0.000000	0.000
						0.01000	0.030305	0.121
						0.05000	0.000000	0.000
						0.05000	0.019016	0.076
						0.05000	0.001425	0.006
						0.05000	0.000336	0.001
						0.05000	0.002792	0.011
						0.05000	0.000000	0.000

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CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Fenvalerate (Pydrin) Caswell #077A CAS No. 51630-58-1 A.I. CODE: 109301 CFR No. 180.379 185.1300	13wk feeding- rat NOEL= 2.5000 mg/kg 50.00 ppm LEL= 7.5000 mg/kg 150.00 ppm ONCO: Negative- 2 species.	Neurological dysfunction.  No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RFD= 0.025000 EPA RFD= 0.025000	No data gaps.  Issue concerning isomers to be resolved by MED reviewer.	WHO reviewed 1986 MED reviewed 08/15/86 EPA verified 09/16/86 MED reviewed 11/14/86  On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	THRC (UG/KG/DAY)	XRFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	XRFD
21	COOKED-NFS					0.05000	0.000000	0.000
22	COOKED-FRESH-BAKED					0.05000	0.000161	0.001
62	COOKED-FRESH OR FROZEN-BAKED					0.05000	0.000025	0.000
81	COOKED-FROZEN					0.05000	0.000000	0.000
55014AC	EGGS-YOLK ONLY	0.050	P	0.006446	0.026	0.05000	0.002116	0.006
	10 RAW-FRESH OR NFS					0.05000	0.000012	0.000
	21 COOKED-NFS					0.05000	0.000100	0.000
	25 COOKED-FRESH-FRIED					0.05000	0.004218	0.017
	31 COOKED-FRESH OR CANNED							
CROP GROUP TOTALS FOR DAIRY PRODUCTS:				26.220210	104.881		3.919952	15.680

GRAND TOTALS FOR NON-NURSING INFANTS (< 1 YEAR OLD)

53.327431 213.310 29.318285 117.273

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

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