



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

20/01P 115415

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PREVENTION, PESTICIDES, AND  
TOXIC SUBSTANCES

MEMORANDUM

OFF PUBLIC DOCKET

SUBJECT: Dietary Exposure Analysis for Phorate in Support of the Reregistration Eligibility Decision.

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: Mike Metzger, Chief *W. Metzger*  
Risk Characterization Analysis Branch  
Health Effects Division (7509C)

Action Requested

Provide a dietary exposure analysis to estimate the chronic dietary exposure and risk from phorate for uses which are being supported through reregistration.

Discussion

Toxicological Endpoint:

The Reference Dose (RfD) used in the analysis is 0.0005 mg/kg bwt/day, based on a NOEL of 0.05 mg/kg bwt/day from a one year dog feeding study that demonstrated brain cholinesterase inhibition, slight tremors in both sexes and marginal inhibition of body weight gain in males as an endpoint (See IRIS). An uncertainty factor of 100 was applied. The RfD value has been approved by the HED (5/5/88) and EPA (9/23/93) RfD committees. Phorate is classified as a Group E carcinogen by the Carcinogenicity Peer Review Committee.

No endpoint was identified that indicated any acute dietary concern (See LTL meeting minutes, 1/31/96).

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## Residue Information

Tolerances for phorate residues in/on raw agricultural and animal commodities are expressed in terms of phorate and its cholinesterase-inhibiting metabolites and are published in 40 CFR §180.206 and in feed at 186.4750. The available data support the established tolerances on coffee, cottonseed, peanuts, sugar beets, and wheat. For the purposes of this analysis, the tolerances for beans (succulent and dried) was reassessed from 0.1 ppm to 0.05 ppm, corn grain and sweet corn from 0.1 ppm to 0.05 ppm, hops from 0.5 ppm to 2.0 ppm, potatoes from 0.5 ppm to 0.2 ppm, sorghum from 0.1 ppm to 0.05 ppm, soybeans from 0.01 ppm to 0.05 ppm, and sugarcane from 0.1 ppm to 0.05 ppm.

The established tolerances for milk, eggs, and the fat, meat, and meat byproducts of cattle, goats, hogs, horses, poultry should be revoked as CBRS has determined that these represent a 180.6(a)(3) situation and the tolerances need not be established. CBRS also recommends to revoke the established tolerances on barley, lettuce, rice and tomatoes as there are currently no registered uses of phorate on these commodities (See memo, D. Miller, 1/17/96).

## Results

A summary of the residue information considered in this analysis is attached as Table 1. A DRES chronic exposure analysis was performed using tolerance level residues and 100 percent crop treated information to estimate the Theoretical Maximum Residue Contribution (TMRC) for the general population and 22 subgroups. Percent crop treated and anticipated residue data were used to calculate the Anticipated Residue Concentration (ARC) for those same population subgroups for certain commodities. Summaries of the TMRCs, ARCs and their representations as percentages of the Reference Dose (RfD) are included as Table 2 and 3. A summary of the residue information and the associated ARCs using the recommended tolerance increases and or decreases and RAC revocations are attached as Table 4, 5 and 6.

Existing tolerances (See table 3) result in an ARC which represents 115% of the RfD for the U.S. general population. The highest subgroup, non-nursing infants (<1 year old) occupies 349% of the RfD. Incorporating the recommendations of CBRS (See memo, D. Miller, 1/17/96) results in an ARC of 15.5% for the U.S. general population, while the highest subgroup non-nursing infants changes to children (1-6 years old) and occupies 31.3% of the RfD.

The chronic analysis for phorate is not a worst case estimate of dietary exposure with all residues at tolerance level and 100 percent of the commodities assumed to be treated with phorate. This analysis has been refined, using percent crop treated and anticipated residue information for some commodities, to give a more accurate estimate of the dietary risk from phorate. Based on the risk estimates calculated in this analysis, it appears that chronic dietary risk from the uses recommended through reregistration, is not of serious concern.

**Attachments**

cc: DRES; Caswell 660; RCAB; CBRS II (D. Miller)

| Label | 1 |
|-------|---|
|-------|---|

| CHEMICAL                                                                                     | STUDY TYPE                                                                                                        | EFFECTS                                                                                                                                                     | REFERENCE DOSES                                         | DATA GAPS/COMMENTS                                                  | STATUS                                                                                                                                            |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Phorate (Thimet)<br>Caswell #660<br>CAS No. 298-02-2<br>A.I. CODE: 057201<br>CFR No. 180.206 | 1yr feeding- dog<br>NOEL= 0.0500 mg/kg<br>0.00 ppm<br>LEL= 0.2500 mg/kg<br>0.00 ppm<br>ONCO: E (Rfd/PR Committee) | Brain ChE inhibition;<br>slight tremors in M&F,<br>marginal inhibition of<br>body weight gain in M.<br>No evidence of carcinog-<br>enicity in rats or mice. | ADI UF -->100<br>OPP Rfd= 0.000500<br>EPA Rfd= 0.000000 | No data gaps.<br><br>Rfd Pending RAC approval<br>of RAF ChE report. | WHO reviewed 1985<br>HED reviewed 06/13/86<br>EPA deferred 08/05/86<br>HED reviewed 05/05/88<br>EPA deferred 07/20/88<br>Rfd/PR reviewed 09/23/93 |

| FOOD CODE | FOOD               | FOOD FORM                         | PET.#  | TOLERANCE (ppm) | ANTICIPATED RESIDUE (ppm) | AR STATISTIC TYPE | % CROP TREATED | RES. VALUE USED IN TAS RUN (ppm) |
|-----------|--------------------|-----------------------------------|--------|-----------------|---------------------------|-------------------|----------------|----------------------------------|
| 07002AA   | COFFEE             | 21 COOKED-NFS                     | 0E2391 | P 0.020000      | 0.020000                  |                   | 100.00         | 0.020000                         |
| 08020AA   | HOPS               | 21 COOKED-NFS                     | 9F0809 | P 0.500000      | 0.500000                  |                   | 2.00           | 0.010000                         |
| 11005AA   | TOMATOES-WHOLE     | 10 RAW-FRESH OR NFS               | 8F0723 | P 0.100000      | 0.100000                  |                   | 10.00          | 0.010000                         |
| 11005AA   | TOMATOES-WHOLE     | 21 COOKED-NFS                     | 8F0723 | P 0.100000      | 0.100000                  |                   | 10.00          | 0.010000                         |
| 11005AA   | TOMATOES-WHOLE     | 31 COOKED-FRESH OR CANNED         | 8F0723 | P 0.100000      | 0.100000                  |                   | 10.00          | 0.010000                         |
| 11005AA   | TOMATOES-JUICE     | 10 RAW-FRESH OR NFS               | 8F0723 | P 0.100000      | 0.100000                  |                   | 10.00          | 0.010000                         |
| 11005AA   | TOMATOES-JUICE     | 21 COOKED-NFS                     | 8F0723 | P 0.100000      | 0.100000                  |                   | 10.00          | 0.010000                         |
| 11005RA   | TOMATOES-PUREE     | 10 RAW-FRESH OR NFS               | 8F0723 | P 0.100000      | 0.100000                  |                   | 10.00          | 0.010000                         |
| 11005RA   | TOMATOES-PUREE     | 21 COOKED-NFS                     | 8F0723 | P 0.100000      | 0.100000                  |                   | 10.00          | 0.010000                         |
| 11005RA   | TOMATOES-PUREE     | 31 COOKED-FRESH OR CANNED         | 8F0723 | P 0.100000      | 0.100000                  |                   | 10.00          | 0.010000                         |
| 11005RA   | TOMATOES-PUREE     | 32 COOKED-FRESH OR CANNED-BAKED   | 8F0723 | P 0.100000      | 0.100000                  |                   | 10.00          | 0.010000                         |
| 11005RA   | TOMATOES-PUREE     | 51 COOKED-CANNED                  | 8F0723 | P 0.100000      | 0.100000                  |                   | 10.00          | 0.010000                         |
| 11005TA   | TOMATOES-PASTE     | 21 COOKED-NFS                     | 8F0723 | P 0.100000      | 0.100000                  |                   | 10.00          | 0.010000                         |
| 11005TA   | TOMATOES-PASTE     | 22 COOKED-FRESH-BAKED             | 8F0723 | P 0.100000      | 0.100000                  |                   | 10.00          | 0.010000                         |
| 11005TA   | TOMATOES-PASTE     | 31 COOKED-FRESH OR CANNED         | 8F0723 | P 0.100000      | 0.100000                  |                   | 10.00          | 0.010000                         |
| 11005UA   | TOMATOES-CATSUP    | 21 COOKED-NFS                     | 8F0723 | P 0.100000      | 0.100000                  |                   | 10.00          | 0.010000                         |
| 13013AA   | LETTUCE-LEAFY      | 10 RAW-FRESH OR NFS               | 7F0521 | P 0.100000      | 0.100000                  |                   | 10.00          | 0.010000                         |
| 13020AA   | LETTUCE-UNSPEC     | 10 RAW-FRESH OR NFS               | 7F0521 | P 0.100000      | 0.100000                  |                   | 10.00          | 0.010000                         |
| 13045AA   | LETTUCE-HEAD       | 10 RAW-FRESH OR NFS               | 7F0521 | P 0.100000      | 0.100000                  |                   | 10.00          | 0.010000                         |
| 13045AA   | LETTUCE-HEAD       | 21 COOKED-NFS                     | 7F0521 | P 0.100000      | 0.100000                  |                   | 10.00          | 0.010000                         |
| 14013AA   | POTATOC(WH)-WHOLE  | 10 RAW-FRESH OR NFS               | 8F0673 | P 0.500000      | 0.500000                  |                   | 29.00          | 0.145000                         |
| 14013AA   | POTATOC(WH)-WHOLE  | 21 COOKED-NFS                     | 8F0673 | P 0.500000      | 0.500000                  |                   | 29.00          | 0.145000                         |
| 14013AA   | POTATOC(WH)-WHOLE  | 22 COOKED-FRESH-BAKED             | 8F0673 | P 0.500000      | 0.500000                  |                   | 29.00          | 0.145000                         |
| 14013AB   | POTATOC(WH)-UNSPEC | 22 COOKED-FRESH-BAKED             | 8F0673 | P 0.500000      | 0.500000                  |                   | 29.00          | 0.145000                         |
| 14013AC   | POTATOC(WH)-PULP   | 21 COOKED-NFS                     | 8F0673 | P 0.500000      | 0.500000                  |                   | 29.00          | 0.145000                         |
| 14013AC   | POTATOC(WH)-PULP   | 22 COOKED-FRESH-BAKED             | 8F0673 | P 0.500000      | 0.500000                  |                   | 29.00          | 0.145000                         |
| 14013AC   | POTATOC(WH)-PULP   | 23 COOKED-FRESH-BOILED            | 8F0673 | P 0.500000      | 0.500000                  |                   | 29.00          | 0.145000                         |
| 14013AC   | POTATOC(WH)-PULP   | 25 COOKED-FRESH-FRIED             | 8F0673 | P 0.500000      | 0.500000                  |                   | 29.00          | 0.145000                         |
| 14013DA   | POTATOC(WH)-DRY    | 10 RAW-FRESH OR NFS               | 8F0673 | P 0.500000      | 0.500000                  |                   | 29.00          | 0.145000                         |
| 14013DA   | POTATOC(WH)-DRY    | 31 COOKED-FRESH OR CANNED         | 8F0673 | P 0.500000      | 0.500000                  |                   | 29.00          | 0.145000                         |
| 14013HA   | POTATOC(WH)-PEEL   | 22 COOKED-FRESH-BAKED             | 8F0673 | P 0.500000      | 0.500000                  |                   | 29.00          | 0.145000                         |
| 15001AA   | BEANS-DRY-GRT NO   | 00 NOT SPECIFIED (NO CONSUMPTION) | 8F0727 | P 0.100000      | 0.100000                  |                   | 2.00           | 0.002000                         |
| 15001AB   | BEANS-DRY-KIDNEY   | 21 COOKED-NFS                     | 8F0727 | P 0.100000      | 0.100000                  |                   | 2.00           | 0.002000                         |
| 15001AB   | BEANS-DRY-KIDNEY   | 31 COOKED-FRESH OR CANNED         | 8F0727 | P 0.100000      | 0.100000                  |                   | 2.00           | 0.002000                         |
| 15001AC   | BEANS-DRY-LIMA     | 21 COOKED-NFS                     | 8F0727 | P 0.100000      | 0.100000                  |                   | 2.00           | 0.002000                         |
| 15001AD   | BEANS-DRY-NAVY     | 21 COOKED-NFS                     | 8F0727 | P 0.100000      | 0.100000                  |                   | 2.00           | 0.002000                         |
| 15001AD   | BEANS-DRY-NAVY     | 31 COOKED-FRESH OR CANNED         | 8F0727 | P 0.100000      | 0.100000                  |                   | 2.00           | 0.002000                         |
| 15001AE   | BEANS-DRY-OTHER    | 21 COOKED-NFS                     | 8F0727 | P 0.100000      | 0.100000                  |                   | 2.00           | 0.002000                         |
| 15001AE   | BEANS-DRY-OTHER    | 25 COOKED-FRESH-FRIED             | 8F0727 | P 0.100000      | 0.100000                  |                   | 2.00           | 0.002000                         |
| 15001AE   | BEANS-DRY-OTHER    | 31 COOKED-FRESH OR CANNED         | 8F0727 | P 0.100000      | 0.100000                  |                   | 2.00           | 0.002000                         |

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DATE: 02/05/96

## ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 660

| CHEMICAL                                                                                     |                                                                                                                   | STUDY TYPE                                                                                                                                                   | EFFECTS                                                 | REFERENCE DOSES                                                     | DATA GAPS/COMMENTS                                                                                                                                | STATUS            |                |                                     |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------|-------------------------------------|
| Phorate (Thimet)<br>Caswell #660<br>CAS No. 298-02-2<br>A.I. CODE: 057201<br>CFR No. 180.206 | 1yr feeding- dog<br>NOEL= 0.0500 mg/kg<br>0.00 ppm<br>LEL= 0.2500 mg/kg<br>0.00 ppm<br>ONCO: E (Rfd/PR Committee) | Brain CHE inhibition;<br>.slight tremors in M&F,<br>marginal inhibition of<br>body weight gain in M.<br>No evidence of carcinog-<br>enicity in rats or mice. | ADI UF -->100<br>OPP Rfd= 0.000500<br>EPA Rfd= 0.000000 | No data gaps.<br><br>Rfd Pending RAC approval<br>of RAF CHE report. | WHO reviewed 1985<br>HED reviewed 06/13/86<br>EPA deferred 08/05/86<br>HED reviewed 05/05/88<br>EPA deferred 07/20/88<br>Rfd/PR reviewed 09/23/93 |                   |                |                                     |
| FOOD CODE                                                                                    | FOOD                                                                                                              | FOOD FORM                                                                                                                                                    | PET.#                                                   | TOLERANCE.<br>(ppm)                                                 | ANTICIPATED<br>RESIDUE (ppm)                                                                                                                      | AR STATISTIC TYPE | % CROP TREATED | RES. VALUE USED<br>IN TAS RUN (ppm) |
| 15001AF                                                                                      | BEANS-DRY-PINTO                                                                                                   | 21 COOKED-NFS                                                                                                                                                | 8F0727                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 2.00           | 0.002000                            |
| 15002AA                                                                                      | BEANS-SUCC-LIMA                                                                                                   | 10 RAW-FRESH OR NFS                                                                                                                                          | 8F0727                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 6.00           | 0.006000                            |
| 15002AA                                                                                      | BEANS-SUCC-LIMA                                                                                                   | 21 COOKED-NFS                                                                                                                                                | 8F0727                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 6.00           | 0.006000                            |
| 15003AA                                                                                      | BEANS-SUCC-GREEN                                                                                                  | 21 COOKED-NFS                                                                                                                                                | 8F0727                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 6.00           | 0.006000                            |
| 15003AB                                                                                      | BEANS-SUCC-OTH                                                                                                    | 10 RAW-FRESH OR NFS                                                                                                                                          | 8F0727                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 6.00           | 0.006000                            |
| 15003AB                                                                                      | BEANS-SUCC-OTH                                                                                                    | 21 COOKED-NFS                                                                                                                                                | 8F0727                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 6.00           | 0.006000                            |
| 15003AC                                                                                      | BEANS-SUCC-WAX                                                                                                    | 21 COOKED-NFS                                                                                                                                                | 8F0727                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 6.00           | 0.006000                            |
| 15005AA                                                                                      | CORN, SWEET                                                                                                       | 10 RAW-FRESH OR NFS                                                                                                                                          | 7F0521                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 5.00           | 0.005000                            |
| 15005AA                                                                                      | CORN, SWEET                                                                                                       | 21 COOKED-NFS                                                                                                                                                | 7F0521                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 5.00           | 0.005000                            |
| 15005AA                                                                                      | CORN, SWEET                                                                                                       | 31 COOKED-FRESH OR CANNED                                                                                                                                    | 7F0521                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 5.00           | 0.005000                            |
| 15006AA                                                                                      | PEANUTS-WHOLE                                                                                                     | 10 RAW-FRESH OR NFS                                                                                                                                          | NOPE#                                                   | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 12.00          | 0.012000                            |
| 15006AA                                                                                      | PEANUTS-WHOLE                                                                                                     | 21 COOKED-NFS                                                                                                                                                | NOPE#                                                   | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 12.00          | 0.012000                            |
| 15006AA                                                                                      | PEANUTS-WHOLE                                                                                                     | 22 COOKED-FRESH-BAKED                                                                                                                                        | NOPE#                                                   | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 12.00          | 0.012000                            |
| 15013AA                                                                                      | MUNG BEANS                                                                                                        | 10 RAW-FRESH OR NFS                                                                                                                                          | 8F0727                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 6.00           | 0.006000                            |
| 15013AA                                                                                      | MUNG BEANS                                                                                                        | 21 COOKED-NFS                                                                                                                                                | 8F0727                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 6.00           | 0.006000                            |
| 15022AA                                                                                      | BEANS-DRY-BROAD                                                                                                   | 00 NOT SPECIFIED (NO CONSUMPTION)                                                                                                                            | 8F0727                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 2.00           | 0.002000                            |
| 15022AB                                                                                      | BEANS-SUCC-BROAD                                                                                                  | 00 NOT SPECIFIED (NO CONSUMPTION)                                                                                                                            | 8F0727                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 6.00           | 0.006000                            |
| 15023AA                                                                                      | BEANS-DRY-PIGEON                                                                                                  | 21 COOKED-NFS                                                                                                                                                | 8F0727                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 2.00           | 0.002000                            |
| 15027AA                                                                                      | BEANS-UNSPEC                                                                                                      | 21 COOKED-NFS                                                                                                                                                | 8F0727                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 6.00           | 0.006000                            |
| 15029AA                                                                                      | SOYBEAN-SPROUTED                                                                                                  | 00 NOT SPECIFIED (NO CONSUMPTION)                                                                                                                            | NOPE#                                                   | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 1.00           | 0.001000                            |
| 15030AA                                                                                      | BEANS-DRY-HYAC                                                                                                    | 00 NOT SPECIFIED (NO CONSUMPTION)                                                                                                                            | 8F0727                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 2.00           | 0.002000                            |
| 15030AB                                                                                      | BEANS-SUCC-HYAC                                                                                                   | 00 NOT SPECIFIED (NO CONSUMPTION)                                                                                                                            | 8F0727                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 6.00           | 0.006000                            |
| 15031AA                                                                                      | BLKEYE PEAS-DRY                                                                                                   | 21 COOKED-NFS                                                                                                                                                | 8F0727                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 2.00           | 0.002000                            |
| 15032AA                                                                                      | BEANS-DRY                                                                                                         | 21 COOKED-NFS                                                                                                                                                | 8F0727                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 2.00           | 0.002000                            |
| 15032AA                                                                                      | BEANS-DRY                                                                                                         | 31 COOKED-FRESH OR CANNED                                                                                                                                    | 8F0727                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 2.00           | 0.002000                            |
| 24001AA                                                                                      | BARLEY                                                                                                            | 21 COOKED-NFS                                                                                                                                                | 8F0727                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 1.00           | 0.001000                            |
| 24002EA                                                                                      | CORN, GRAIN-ENDO                                                                                                  | 10 RAW-FRESH OR NFS                                                                                                                                          | 7F0521                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 2.00           | 0.002000                            |
| 24002EA                                                                                      | CORN, GRAIN-ENDO                                                                                                  | 21 COOKED-NFS                                                                                                                                                | 7F0521                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 2.00           | 0.002000                            |
| 24002EA                                                                                      | CORN, GRAIN-ENDO                                                                                                  | 22 COOKED-FRESH-BAKED                                                                                                                                        | 7F0521                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 2.00           | 0.002000                            |
| 24002EA                                                                                      | CORN, GRAIN-ENDO                                                                                                  | 23 COOKED-FRESH-BOILED                                                                                                                                       | 7F0521                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 2.00           | 0.002000                            |
| 24002HA                                                                                      | CORN, GRAIN-BRAN                                                                                                  | 00 NOT SPECIFIED (NO CONSUMPTION)                                                                                                                            | 7F0521                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 2.00           | 0.002000                            |
| 24002SA                                                                                      | CORN SUGAR                                                                                                        | 10 RAW-FRESH OR NFS                                                                                                                                          | 7F0521                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 2.00           | 0.002000                            |
| 24002SA                                                                                      | CORN SUGAR                                                                                                        | 21 COOKED-NFS                                                                                                                                                | 7F0521                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 2.00           | 0.002000                            |
| 24002SA                                                                                      | CORN SUGAR                                                                                                        | 22 COOKED-FRESH-BAKED                                                                                                                                        | 7F0521                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 2.00           | 0.002000                            |
| 24004AA                                                                                      | RICE-ROUGH                                                                                                        | 21 COOKED-NFS                                                                                                                                                | 7F0521                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 10.00          | 0.010000                            |
| 24004AA                                                                                      | RICE-ROUGH                                                                                                        | 23 COOKED-FRESH-BOILED                                                                                                                                       | 7F0521                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 10.00          | 0.010000                            |
| 24004AB                                                                                      | RICE-MILLED                                                                                                       | 21 COOKED-NFS                                                                                                                                                | 7F0521                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 10.00          | 0.010000                            |
| 24004AB                                                                                      | RICE-MILLED                                                                                                       | 22 COOKED-FRESH-BAKED                                                                                                                                        | 7F0521                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 10.00          | 0.010000                            |
| 24004AB                                                                                      | RICE-MILLED                                                                                                       | 23 COOKED-FRESH-BOILED                                                                                                                                       | 7F0521                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 10.00          | 0.010000                            |
| 24004AB                                                                                      | RICE-MILLED                                                                                                       | 31 COOKED-FRESH OR CANNED                                                                                                                                    | 7F0521                                                  | P 0.100000                                                          | 0.100000                                                                                                                                          |                   | 10.00          | 0.010000                            |

DATE: 02/05/96

## ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 660

| CHEMICAL                                                                                     |  | STUDY TYPE                                                                                                        | EFFECTS                                                                                                                                                     | REFERENCE DOSES                                         |                                                                     | DATA GAPS/COMMENTS                                                                                                                                | STATUS |
|----------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------|
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| FOOD CODE | FOOD             | FOOD FORM                         | PET.#  | TOLERANCE (ppm) | ANTICIPATED RESIDUE (ppm) | AR STATISTIC TYPE | % CROP TREATED | RES. VALUE USED IN TAS RUN (ppm) |
|-----------|------------------|-----------------------------------|--------|-----------------|---------------------------|-------------------|----------------|----------------------------------|
| 24006AA   | SORGHUM          | 00 NOT SPECIFIED (NO CONSUMPTION) | 8F0723 | P 0.100000      | 0.100000                  |                   | 1.00           | 0.001000                         |
| 24007AA   | WHEAT-ROUGH      | 10 RAW-FRESH OR NFS               | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007AA   | WHEAT-ROUGH      | 21 COOKED-NFS                     | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007AA   | WHEAT-ROUGH      | 22 COOKED-FRESH-BAKED             | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007AA   | WHEAT-ROUGH      | 23 COOKED-FRESH-BOILED            | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007GA   | WHEAT-GERM       | 10 RAW-FRESH OR NFS               | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007GA   | WHEAT-GERM       | 22 COOKED-FRESH-BAKED             | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007HA   | WHEAT-BRAN       | 10 RAW-FRESH OR NFS               | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007HA   | WHEAT-BRAN       | 21 COOKED-NFS                     | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007HA   | WHEAT-BRAN       | 22 COOKED-FRESH-BAKED             | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007WA   | WHEAT-FLOUR      | 10 RAW-FRESH OR NFS               | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007WA   | WHEAT-FLOUR      | 21 COOKED-NFS                     | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007WA   | WHEAT-FLOUR      | 22 COOKED-FRESH-BAKED             | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007WA   | WHEAT-FLOUR      | 25 COOKED-FRESH-FRIED             | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 25002SA   | BET SUGAR        | 10 RAW-FRESH OR NFS               | 378    | P 0.300000      | 0.300000                  |                   | 3.00           | 0.009000                         |
| 25002SA   | BET SUGAR        | 21 COOKED-NFS                     | 378    | P 0.300000      | 0.300000                  |                   | 3.00           | 0.009000                         |
| 25002SA   | BET SUGAR        | 22 COOKED-FRESH-BAKED             | 378    | P 0.300000      | 0.300000                  |                   | 3.00           | 0.009000                         |
| 25002SA   | BET SUGAR        | 31 COOKED-FRESH OR CANNED         | 378    | P 0.300000      | 0.300000                  |                   | 3.00           | 0.009000                         |
| 25003SA   | CANE SUGAR       | 10 RAW-FRESH OR NFS               | 8F0723 | P 0.100000      | 0.100000                  |                   | 11.00          | 0.011000                         |
| 25003SA   | CANE SUGAR       | 21 COOKED-NFS                     | 8F0723 | P 0.100000      | 0.100000                  |                   | 11.00          | 0.011000                         |
| 25003SA   | CANE SUGAR       | 22 COOKED-FRESH-BAKED             | 8F0723 | P 0.100000      | 0.100000                  |                   | 11.00          | 0.011000                         |
| 25003SA   | CANE SUGAR       | 31 COOKED-FRESH OR CANNED         | 8F0723 | P 0.100000      | 0.100000                  |                   | 11.00          | 0.011000                         |
| 25003SB   | SUGAR-MOLASSES   | 10 RAW-FRESH OR NFS               | 8F0723 | P 0.100000      | 0.100000                  |                   | 11.00          | 0.011000                         |
| 25003SB   | SUGAR-MOLASSES   | 21 COOKED-NFS                     | 8F0723 | P 0.100000      | 0.100000                  |                   | 11.00          | 0.011000                         |
| 25003SB   | SUGAR-MOLASSES   | 22 COOKED-FRESH-BAKED             | 8F0723 | P 0.100000      | 0.100000                  |                   | 11.00          | 0.011000                         |
| 25003SB   | SUGAR-MOLASSES   | 31 COOKED-FRESH OR CANNED         | 8F0723 | P 0.100000      | 0.100000                  |                   | 11.00          | 0.011000                         |
| 26011AA   | GUAR BEANS       | 00 NOT SPECIFIED (NO CONSUMPTION) | 8F0727 | P 0.100000      | 0.100000                  |                   | 11.00          | 0.011000                         |
| 270020A   | CORN, GRAIN-OIL  | 18 PROCESSED OIL                  | 7F0521 | P 0.100000      | 0.100000                  |                   | 2.00           | 0.006000                         |
| 270030A   | COTTONSEED-OIL   | 18 PROCESSED OIL                  | 0F0938 | P 0.050000      | 0.050000                  |                   | 6.00           | 0.002000                         |
| 270030A   | COTTONSEED-MEAL  | 18 PROCESSED OIL                  | 0F0938 | P 0.050000      | 0.050000                  |                   | 6.00           | 0.003000                         |
| 270070A   | PEANUTS-OIL      | 18 PROCESSED OIL                  | NOPE#  | P 0.100000      | 0.100000                  |                   | 12.00          | 0.012000                         |
| 270100A   | SOYBEANS-OIL     | 18 PROCESSED OIL                  | NOPE#  | P 0.100000      | 0.100000                  |                   | 1.00           | 0.001000                         |
| 28023AA   | SOYBEANS-UNSPEC  | 21 COOKED-NFS                     | NOPE#  | P 0.100000      | 0.100000                  |                   | 1.00           | 0.001000                         |
| 28023AB   | SOYBEANS-DRY     | 10 RAW-FRESH OR NFS               | NOPE#  | P 0.100000      | 0.100000                  |                   | 1.00           | 0.001000                         |
| 28023AB   | SOYBEANS-DRY     | 21 COOKED-NFS                     | NOPE#  | P 0.100000      | 0.100000                  |                   | 1.00           | 0.001000                         |
| 28023AB   | SOYBEANS-DRY     | 23 COOKED-FRESH-BOILED            | NOPE#  | P 0.100000      | 0.100000                  |                   | 1.00           | 0.001000                         |
| 28023AB   | SOYBEANS-DRY     | 25 COOKED-FRESH-FRIED             | NOPE#  | P 0.100000      | 0.100000                  |                   | 1.00           | 0.001000                         |
| 28023AB   | SOYBEANS-DRY     | 31 COOKED-FRESH OR CANNED         | NOPE#  | P 0.100000      | 0.100000                  |                   | 1.00           | 0.001000                         |
| 28023VA   | SOY-FL, FULL FAT | 21 COOKED-NFS                     | NOPE#  | P 0.100000      | 0.100000                  |                   | 1.00           | 0.001000                         |
| 28023VA   | SOY-FL, FULL FAT | 22 COOKED-FRESH-BAKED             | NOPE#  | P 0.100000      | 0.100000                  |                   | 1.00           | 0.001000                         |

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 660

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| CHEMICAL                                                                                     | STUDY TYPE                                                                                | EFFECTS                                                                                                                                                     | REFERENCE DOSES                        |        | DATA GAPS/COMMENTS                                                   | STATUS                                                                                                                                            |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                              |                                                                                           |                                                                                                                                                             | ADI                                    | UF     |                                                                      |                                                                                                                                                   |
| Phorate (Thimet)<br>Caswell #660<br>CAS No. 298-02-2<br>A.I. CODE: 057201<br>CFR No. 180.206 | 1yr feeding- dog<br>NOEL= 0.0500 mg/kg<br>LEL= 0.2500 mg/kg<br>ONCO: E (Rfd/PR Committee) | Brain ChE inhibition;<br>slight tremors in M&F,<br>marginal inhibition of<br>body weight gain in M.<br>No evidence of carcinog-<br>enicity in rats or mice. | OPP RfD= 0.000500<br>EPA RfD= 0.000000 | -->100 | No. data gaps.<br><br>Rfd Pending RAC approval<br>of RAF CHE report. | WHO reviewed 1985<br>HED reviewed 06/13/86<br>EPA deferred 08/05/86<br>HED reviewed 05/05/88<br>EPA deferred 07/20/88<br>Rfd/PR reviewed 09/23/93 |

| FOOD CODE | FOOD                                                   | PET.#  | TOLERANCE (ppm) | ANTICIPATED RESIDUE (ppm) | AR STATISTIC TYPE | % CROP TREATED | RES. VALUE USED IN TAS RUN (ppm) |
|-----------|--------------------------------------------------------|--------|-----------------|---------------------------|-------------------|----------------|----------------------------------|
| 28023WA   | SOY-FL, FULL FAT 31 COOKED-FRESH OR CANNED             | NOPET# | P 0.100000      | 0.100000                  |                   | 1.00           | 0.001000                         |
| 28023WB   | SOY-FL, LOW FAT 21 COOKED-NFS                          | NOPET# | P 0.100000      | 0.100000                  |                   | 1.00           | 0.001000                         |
| 28023WC   | SOY-FL,DEFAT 10 RAW-FRESH OR NFS                       | NOPET# | P 0.100000      | 0.100000                  |                   | 1.00           | 0.001000                         |
| 28023WD   | SOY-FL,DEFAT 21 COOKED-NFS                             | NOPET# | P 0.100000      | 0.100000                  |                   | 1.00           | 0.001000                         |
| 28023WE   | SOY-FL,DEFAT 22 COOKED-FRESH-BAKED                     | NOPET# | P 0.100000      | 0.100000                  |                   | 1.00           | 0.001000                         |
| 28023WF   | SOY-FL,DEFAT 51 COOKED-CANNED                          | NOPET# | P 0.100000      | 0.100000                  |                   | 1.00           | 0.001000                         |
| 28023WG   | SOY-FL,DEFAT 53 COOKED-CANNED-BOILED                   | NOPET# | P 0.100000      | 0.100000                  |                   | 1.00           | 0.001000                         |
| 50000DB   | MILK-NON-FAT SOL 10 RAW-FRESH OR NFS                   | 8F0673 | P 0.020000      | 0.020000                  |                   | 100.00         | 0.020000                         |
| 50000DB   | MILK-NON-FAT SOL 21 COOKED-NFS                         | 8F0673 | P 0.020000      | 0.020000                  |                   | 100.00         | 0.020000                         |
| 50000DB   | MILK-NON-FAT SOL 51 COOKED-CANNED                      | 8F0673 | P 0.020000      | 0.020000                  |                   | 100.00         | 0.020000                         |
| 50000FA   | MILK-FAT SOLIDS 10 RAW-FRESH OR NFS                    | 8F0673 | P 0.020000      | 0.020000                  |                   | 100.00         | 0.020000                         |
| 50000FA   | MILK-FAT SOLIDS 21 COOKED-NFS                          | 8F0673 | P 0.020000      | 0.020000                  |                   | 100.00         | 0.020000                         |
| 50000FA   | MILK-FAT SOLIDS 51 COOKED-CANNED                       | 8F0673 | P 0.020000      | 0.020000                  |                   | 100.00         | 0.020000                         |
| 50000SA   | MILK SUG (LACT) 21 COOKED-NFS                          | 8F0673 | P 0.020000      | 0.020000                  |                   | 100.00         | 0.020000                         |
| 50000SA   | MILK SUG (LACT) 51 COOKED-CANNED                       | 8F0673 | P 0.020000      | 0.020000                  |                   | 100.00         | 0.020000                         |
| 53001BA   | BEEF-MEAT BYP 21 COOKED-NFS                            | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53001BA   | BEEF-MEAT BYP 26 COOKED-FRESH-PICKLED,CORNEED,OR CURED | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53001BB   | BEEF-OTH ORGAN 21 COOKED-NFS                           | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53001BB   | BEEF-OTH ORGAN 51 COOKED-CANNED                        | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53001DA   | BEEF-DRIED 21 COOKED-NFS                               | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53001FA   | BEEF-FAT 10 RAW-FRESH OR NFS                           | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53001FA   | BEEF-FAT 21 COOKED-NFS                                 | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53001FA   | BEEF-FAT 22 COOKED-FRESH-BAKED                         | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53001FA   | BEEF-FAT 23 COOKED-FRESH-BOILED                        | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53001FA   | BEEF-FAT 24 COOKED-FRESH-BOILED                        | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53001FA   | BEEF-FAT 25 COOKED-FRESH-FRIED                         | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53001KA   | BEEF-KIDNEY 21 COOKED-NFS                              | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53001LA   | BEEF-LIVER 25 COOKED-FRESH-FRIED                       | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53001LA   | BEEF-LIVER 31 COOKED-FRESH OR CANNED                   | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53001MA   | BEEF-LEAN 10 RAW-FRESH OR NFS                          | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53001MA   | BEEF-LEAN 21 COOKED-NFS                                | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53001MA   | BEEF-LEAN 22 COOKED-FRESH-BAKED                        | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53001MA   | BEEF-LEAN 23 COOKED-FRESH-BOILED                       | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53001MA   | BEEF-LEAN 24 COOKED-FRESH-BOILED                       | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53002BA   | GOAT-MEAT BYP 00 NOT SPECIFIED (NO CONSUMPTION)        | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53002BA   | GOAT-OTH ORGAN 00 NOT SPECIFIED (NO CONSUMPTION)       | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53002FA   | GOAT-FAT 23 COOKED-FRESH-BOILED                        | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53002FA   | GOAT-FAT 25 COOKED-FRESH-FRIED                         | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53002KA   | GOAT-KIDNEY 00 NOT SPECIFIED (NO CONSUMPTION)          | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 53002LA   | GOAT-LIVER 00 NOT SPECIFIED (NO CONSUMPTION)           | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |

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| CHEMICAL                                                                                      |                 | STUDY TYPE                                                                                                        |        | EFFECTS                                                                                                                                                     |                           | REFERENCE DOSES   |                                                     | DATA GAPS/COMMENTS                                                  |  | STATUS                                                                                                                                            |  |
|-----------------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------|-----------------------------------------------------|---------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Phorate (Thimet)<br>Caswell #660.<br>CAS No. 298-02-2<br>A.I. CODE: 057201<br>CFR No. 180.206 |                 | 1yr feeding- dog<br>NOEL= 0.0500 mg/kg<br>0.00 ppm<br>LEL= 0.2500 mg/kg<br>0.00 ppm<br>ONCO: E (Rfd/PR Committee) |        | Brain CHE inhibition;<br>slight tremors in M&F,<br>marginal inhibition of<br>body weight gain in M.<br>No evidence of carcinog-<br>enicity in rats or mice. |                           | AD1               | UF -->100<br>OPP Rfd= 0.000500<br>EPA Rfd= 0.000000 | No data gaps.<br><br>Rfd Pending RAC approval<br>of RAF CHE report. |  | WHO reviewed 1985<br>HED reviewed 06/13/86<br>EPA deferred 08/05/86<br>HED reviewed 05/05/88<br>EPA deferred 07/20/88<br>Rfd/PR reviewed 09/23/93 |  |
| FOOD CODE                                                                                     | FOOD            | FOOD FORM                                                                                                         | PET.#  | TOLERANCE (ppm)                                                                                                                                             | ANTICIPATED RESIDUE (ppm) | AR STATISTIC TYPE | % CROP TREATED                                      | RES. VALUE USED IN TAS RUN (ppm)                                    |  |                                                                                                                                                   |  |
| 53002MA                                                                                       | GOAT-LEAN       | 23 COOKED-FRESH-BOILED                                                                                            | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53002MA                                                                                       | GOAT-LEAN       | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53003AA                                                                                       | HORSE           | 00 NOT SPECIFIED (NO CONSUMPTION)                                                                                 | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53005BA                                                                                       | SHEEP-MEAT BYP  | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53005BB                                                                                       | SHEEP-OTH ORGAN | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53005FA                                                                                       | SHEEP-FAT       | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53005KA                                                                                       | SHEEP-KIDNEY    | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53005LA                                                                                       | SHEEP-LIVER     | 00 NOT SPECIFIED (NO CONSUMPTION)                                                                                 | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53005MA                                                                                       | SHEEP-LEAN      | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53006BA                                                                                       | PORK-MEAT BYP   | 31 COOKED-FRESH OR CANNED                                                                                         | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53006BB                                                                                       | PORK-OTH ORGAN  | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53006FB                                                                                       | PORK-FAT        | 26 COOKED-FRESH-PICKLED, CORNED, OR CURED                                                                         | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53006FA                                                                                       | PORK-FAT        | 10 RAW-FRESH OR NFS                                                                                               | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53006FA                                                                                       | PORK-FAT        | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53006FA                                                                                       | PORK-FAT        | 23 COOKED-FRESH-BOILED                                                                                            | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53006FA                                                                                       | PORK-FAT        | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53006FA                                                                                       | PORK-FAT        | 26 COOKED-FRESH-PICKLED, CORNED, OR CURED                                                                         | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53006KA                                                                                       | PORK-KIDNEY     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53006LA                                                                                       | PORK-LIVER      | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53006LA                                                                                       | PORK-LIVER      | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53006MA                                                                                       | PORK-LEAN       | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53006MA                                                                                       | PORK-LEAN       | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 53006MA                                                                                       | PORK-LEAN       | 26 COOKED-FRESH-PICKLED, CORNED, OR CURED                                                                         | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008BA                                                                                       | TURKEY-BYP      | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008BA                                                                                       | TURKEY-BYP      | 26 COOKED-FRESH-PICKLED, CORNED, OR CURED                                                                         | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008LA                                                                                       | TURKEY ORGAN    | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008LA                                                                                       | TURKEY ORGAN    | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY W/O SKIN | 31 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY W/O SKIN | 62 COOKED-FRESH OR CANNED                                                                                         | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY W/O SKIN | 62 COOKED-FRESH OR FROZEN-BAKED                                                                                   | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 21 COOKED-NFS                                                                                                     | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 25 COOKED-FRESH-FRIED                                                                                             | 8F0673 | P 0.050000                                                                                                                                                  | 0.050000                  |                   | 100.00                                              | 0.050000                                                            |  |                                                                                                                                                   |  |
| 55008MA                                                                                       | TURKEY+SKIN     | 2                                                                                                                 |        |                                                                                                                                                             |                           |                   |                                                     |                                                                     |  |                                                                                                                                                   |  |

DATE: 02/05/96

## ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 660

| CHEMICAL                                                                                     | STUDY TYPE                                                                                                        | EFFECTS                                                                                                                                                     | REFERENCE DOSES                                         | DATA GAPS/COMMENTS                                                  | STATUS                                                                                                                                            |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                              |                                                                                                                   |                                                                                                                                                             |                                                         |                                                                     |                                                                                                                                                   |
| Phorate (Thimet)<br>Caswell #660<br>CAS No. 298-02-2<br>A.I. CODE: 057201<br>CFR No. 180.206 | 1yr feeding- dog<br>NOEL= 0.0500 mg/kg<br>0.00 ppm<br>LEL= 0.2500 mg/kg<br>0.00 ppm<br>ONCO: E (Rfd/PR Committee) | Brain CHE inhibition;<br>slight tremors in M&F,<br>marginal inhibition of<br>body weight gain in M.<br>No evidence of carcinog-<br>enicity in rats or mice. | ADI UF -->100<br>OPP Rfd= 0.000500<br>EPA Rfd= 0.000000 | No data gaps.<br><br>Rfd Pending RAC approval<br>of RAF CHE report. | WHO reviewed 1985<br>HED reviewed 06/13/86<br>EPA deferred 08/05/86<br>HED reviewed 05/05/88<br>EPA deferred 07/20/88<br>Rfd/PR reviewed 09/23/93 |

| FOOD CODE | FOOD             | FOOD FORM                                 | PET.#  | TOLERANCE (ppm) | ANTICIPATED RESIDUE (ppm) | AR STATISTIC TYPE | % CROP TREATED | RES. VALUE USED IN TAS RUN (ppm) |
|-----------|------------------|-------------------------------------------|--------|-----------------|---------------------------|-------------------|----------------|----------------------------------|
| 55014AA   | EGGS-WHOLE       | 23 COOKED-FRESH-BOILED                    | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55014AA   | EGGS-WHOLE       | 25 COOKED-FRESH-FRIED                     | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55014AB   | EGGS-WHITE ONLY  | 10 RAW-FRESH OR NFS                       | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55014AB   | EGGS-WHITE ONLY  | 21 COOKED-NFS                             | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55014AB   | EGGS-WHITE ONLY  | 22 COOKED-FRESH-BAKED                     | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55014AB   | EGGS-WHITE ONLY  | 62 COOKED-FRESH OR FROZEN-BAKED           | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55014AB   | EGGS-WHITE ONLY  | 81 COOKED-FROZEN                          | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55014AC   | EGGS-YOLK ONLY   | 10 RAW-FRESH OR NFS                       | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55014AC   | EGGS-YOLK ONLY   | 21 COOKED-NFS                             | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55014AC   | EGGS-YOLK ONLY   | 25 COOKED-FRESH-FRIED                     | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55014AC   | EGGS-YOLK ONLY   | 31 COOKED-FRESH OR CANNED                 | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55015BA   | CHICKEN-BYP      | 00 NOT SPECIFIED (NO CONSUMPTION)         | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55015LA   | CHICKEN-ORGAN    | 21 COOKED-NFS                             | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55015LA   | CHICKEN-ORGAN    | 25 COOKED-FRESH-FRIED                     | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55015LA   | CHICKEN-ORGAN    | 26 COOKED-FRESH-PICKLED, CORNED, OR CURED | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55015MA   | CHICKEN-W/O SKIN | 21 COOKED-NFS                             | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55015MA   | CHICKEN-W/O SKIN | 22 COOKED-FRESH-BAKED                     | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55015MA   | CHICKEN-W/O SKIN | 25 COOKED-FRESH-FRIED                     | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55015MA   | CHICKEN-W/O SKIN | 31 COOKED-FRESH OR CANNED                 | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55015MA   | CHICKEN-W/O SKIN | 53 COOKED-CANNED-BOILED                   | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55015MB   | CHICKEN+SKIN     | 21 COOKED-NFS                             | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |
| 55015MB   | CHICKEN+SKIN     | 25 COOKED-FRESH-FRIED                     | 8F0673 | P 0.050000      | 0.050000                  |                   | 100.00         | 0.050000                         |

| CHEMICAL INFORMATION                                                                         |  | STUDY TYPE                                                                                                        |  | EFFECTS                                                                                                                                                     | REFERENCE DOSES                                         |                                                                     | DATA GAPS/COMMENTS | STATUS                                                                                                                                            |
|----------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Phorate (Thimet)<br>Caswell #660<br>CAS No. 298-02-2<br>A.I. CODE: 057201<br>CPR No. 180.206 |  | 1yr feeding- dog<br>NOEL= 0.0500 mg/kg<br>0.00 ppm<br>LEL= 0.2500 mg/kg<br>0.00 ppm<br>ONCO: E (Rfd/PR Committee) |  | Brain ChE inhibition;<br>slight tremors in M&F;<br>marginal inhibition of<br>body weight gain in M.<br>No evidence of carcinog-<br>enicity in rats or mice. | ADI UF -->100<br>OPP Rfd= 0.000500<br>EPA Rfd= 0.000000 | No data gaps.<br><br>Rfd Pending RAC approval<br>of RAF ChE report. |                    | WHO reviewed 1985<br>HED reviewed 06/13/86<br>EPA deferred 08/05/86<br>HED reviewed 05/05/88<br>EPA deferred 07/20/88<br>Rfd/PR reviewed 09/23/93 |

| POPULATION SUBGROUP                             | TOTAL THRC (MG/KG BODY WEIGHT/DAY) |            | NEW THRC AS PERCENT OF RFD |                              | DIFFERENCE AS PERCENT OF RFD |           | EFFECT OF ANTICIPATED RESIDUES |  |
|-------------------------------------------------|------------------------------------|------------|----------------------------|------------------------------|------------------------------|-----------|--------------------------------|--|
|                                                 | CURRENT THRC*                      | NEW THRC** | NEW THRC AS PERCENT OF RFD | DIFFERENCE AS PERCENT OF RFD | ARC                          | %RFD      |                                |  |
| U.S. POPULATION - 48 STATES                     | 0.001523                           | 0.001523   | 304.597000                 | 0.000000                     | 0.000577                     | 115.45260 |                                |  |
| U.S. POPULATION - SPRING SEASON                 | 0.001476                           | 0.001476   | 295.288000                 | 0.000000                     | 0.000556                     | 111.20720 |                                |  |
| U.S. POPULATION - SUMMER SEASON                 | 0.001512                           | 0.001512   | 302.391600                 | 0.000000                     | 0.000569                     | 113.81140 |                                |  |
| U.S. POPULATION - FALL SEASON                   | 0.001553                           | 0.001553   | 310.699200                 | 0.000000                     | 0.000595                     | 119.06540 |                                |  |
| U.S. POPULATION - WINTER SEASON                 | 0.001541                           | 0.001541   | 308.137600                 | 0.000000                     | 0.000589                     | 117.71780 |                                |  |
| NORTHEAST REGION                                | 0.001475                           | 0.001475   | 295.055000                 | 0.000000                     | 0.000576                     | 115.10020 |                                |  |
| NORTH CENTRAL REGION                            | 0.001602                           | 0.001602   | 320.313400                 | 0.000000                     | 0.000604                     | 120.78200 |                                |  |
| SOUTHERN REGION                                 | 0.001504                           | 0.001504   | 300.800000                 | 0.000000                     | 0.000551                     | 110.14620 |                                |  |
| WESTERN REGION                                  | 0.001492                           | 0.001492   | 298.399200                 | 0.000000                     | 0.000587                     | 117.30440 |                                |  |
| HISPANICS                                       | 0.001710                           | 0.001710   | 342.056000                 | 0.000000                     | 0.000684                     | 136.74020 |                                |  |
| NON-HISPANIC WHITES                             | 0.001521                           | 0.001521   | 304.166400                 | 0.000000                     | 0.000574                     | 114.72880 |                                |  |
| NON-HISPANIC BLACKS                             | 0.001442                           | 0.001442   | 288.486000                 | 0.000000                     | 0.000550                     | 110.01820 |                                |  |
| NON-HISPANIC OTHERS                             | 0.001407                           | 0.001407   | 281.447000                 | 0.000000                     | 0.000578                     | 115.59620 |                                |  |
| NURSING INFANTS (< 1 YEAR OLD)                  | 0.000841                           | 0.000841   | 168.288400                 | 0.000000                     | 0.000441                     | 88.15680  |                                |  |
| NON-NURSING INFANTS (< 1 YEAR OLD)              | 0.003095                           | 0.003095   | 618.903800                 | 0.000000                     | 0.001746                     | 349.21480 |                                |  |
| FEMALES (13+ YEARS, PREGNANT)                   | 0.001081                           | 0.001081   | 216.178400                 | 0.000000                     | 0.000404                     | 80.88720  |                                |  |
| FEMALES 13+ YEARS, NURSING                      | 0.001232                           | 0.001232   | 246.390200                 | 0.000000                     | 0.000476                     | 95.12460  |                                |  |
| CHILDREN (1-6 YEARS OLD)                        | 0.003290                           | 0.003290   | 657.939200                 | 0.000000                     | 0.001339                     | 267.89000 |                                |  |
| CHILDREN (7-12 YEARS OLD)                       | 0.002364                           | 0.002364   | 472.807800                 | 0.000000                     | 0.000902                     | 180.30920 |                                |  |
| MALES (13-19 YEARS OLD)                         | 0.001672                           | 0.001672   | 334.333200                 | 0.000000                     | 0.000631                     | 126.21680 |                                |  |
| FEMALES (13-19 YEARS OLD, NOT PREG. OR NURSING) | 0.001373                           | 0.001373   | 274.516200                 | 0.000000                     | 0.000502                     | 100.46500 |                                |  |
| MALES (20 YEARS AND OLDER)                      | 0.001200                           | 0.001200   | 240.060800                 | 0.000000                     | 0.000432                     | 86.49340  |                                |  |
| FEMALES (20 YEARS AND OLDER, NOT PREG. OR NURS) | 0.001026                           | 0.001026   | 205.212000                 | 0.000000                     | 0.000368                     | 73.55820  |                                |  |

\*Current THRC does not include new or pending tolerances.

\*\*New THRC includes new, pending, and published tolerances.

TOLERANCE ASSESSMENT SUMMARY FOR Phorate (Thimet)  
USING ANTICIPATED RESIDUES  
CASWELL #660

DATE: 02/05/96

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

EXISTING ANTICIPATED RESIDUES (PUBLISHED ONLY)

RESULT IN AN ARC OF:

THE EXISTING ARC IS EQUIVALENT TO:

0.000577

115.453

MG/KG/DAY

% OF THE ADI.

NO NEW ANTICIPATED RESIDUES ARE IN THE FILE.

NO OTHER PENDING ANTICIPATED RESIDUES ARE IN THE FILE

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

EXISTING ANTICIPATED RESIDUES (PUBLISHED ONLY)

RESULT IN AN ARC OF:

THE EXISTING ARC IS EQUIVALENT TO:

0.001746

349.215

MG/KG/DAY

% OF THE ADI.

NO NEW ANTICIPATED RESIDUES ARE IN THE FILE.

NO OTHER PENDING ANTICIPATED RESIDUES ARE IN THE FILE

4

DATE: 02/05/96

## ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 660

| CHEMICAL                                                                                     | STUDY TYPE                                                                                                        | EFFECTS                                                                                                                                                     | REFERENCE DOSES                        |        | DATA GAPS/COMMENTS                                                  | STATUS                                                                                                                                            |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                              |                                                                                                                   |                                                                                                                                                             | AD1                                    | UF     |                                                                     |                                                                                                                                                   |
| Phorate (Thimet)<br>Caswell #660<br>CAS No. 298-02-2<br>A.I. CODE: 057201<br>CFR No. 180.206 | 1yr feeding- dog<br>NOEL= 0.0500 mg/kg<br>0.00 ppm<br>LEL= 0.2500 mg/kg<br>0.00 ppm<br>ONCO: E (Rfd/PR Committee) | Brain ChE inhibition;<br>slight tremors in M&F,<br>marginal inhibition of<br>body weight gain in M.<br>No evidence of carcinog-<br>enicity in rats or mice. | OPP Rfd= 0.000500<br>EPA Rfd= 0.000000 | -->100 | No data gaps.<br><br>Rfd Pending RAC approval<br>of RAF ChE report. | WHO reviewed 1985<br>HED reviewed 06/13/86<br>EPA deferred 08/05/86<br>HED reviewed 05/05/88<br>EPA deferred 07/20/88<br>Rfd/PR reviewed 09/23/93 |

| FOOD CODE | FOOD             | FOOD FORM                         | PET.#  | TOLERANCE (ppm) | ANTICIPATED RESIDUE (ppm) | AR STATISTIC TYPE | % CROP TREATED | RES. VALUE USED IN TAS RUN (ppm) |
|-----------|------------------|-----------------------------------|--------|-----------------|---------------------------|-------------------|----------------|----------------------------------|
| 07002AA   | COFFEE           | 21 COOKED-NFS                     | OE2391 | P 0.020000      | 0.020000                  |                   | 100.00         | 0.020000                         |
| 08020AA   | HOPS             | 21 COOKED-NFS                     | 9F0809 | P 2.000000      | 2.000000                  |                   | 2.00           | 0.040000                         |
| 14013AA   | POTATO(WH)-WHOLE | 10 RAW-FRESH OR NFS               | 8F0673 | P 0.200000      | 0.200000                  |                   | 29.00          | 0.058000                         |
| 14013AA   | POTATO(WH)-WHOLE | 21 COOKED-NFS                     | 8F0673 | P 0.200000      | 0.200000                  |                   | 29.00          | 0.058000                         |
| 14013AA   | POTATO(WH)-WHOLE | 22 COOKED-FRESH-BAKED             | 8F0673 | P 0.200000      | 0.200000                  |                   | 29.00          | 0.058000                         |
| 14013AB   | POTATO(WH)-UNSP  | 22 COOKED-FRESH-BAKED             | 8F0673 | P 0.200000      | 0.200000                  |                   | 29.00          | 0.058000                         |
| 14013AC   | POTATO(WH)-PULP  | 21 COOKED-NFS                     | 8F0673 | P 0.200000      | 0.200000                  |                   | 29.00          | 0.058000                         |
| 14013AC   | POTATO(WH)-PULP  | 22 COOKED-FRESH-BAKED             | 8F0673 | P 0.200000      | 0.200000                  |                   | 29.00          | 0.058000                         |
| 14013AC   | POTATO(WH)-PULP  | 23 COOKED-FRESH-BOILED            | 8F0673 | P 0.200000      | 0.200000                  |                   | 29.00          | 0.058000                         |
| 14013AC   | POTATO(WH)-PULP  | 25 COOKED-FRESH-FRIED             | 8F0673 | P 0.200000      | 0.200000                  |                   | 29.00          | 0.058000                         |
| 14013DA   | POTATO(WH)-DRY   | 10 RAW-FRESH OR NFS               | 8F0673 | P 0.200000      | 0.200000                  |                   | 29.00          | 0.058000                         |
| 14013DA   | POTATO(WH)-DRY   | 31 COOKED-FRESH OR CANNED         | 8F0673 | P 0.200000      | 0.200000                  |                   | 29.00          | 0.058000                         |
| 14013HA   | POTATO(WH)-PEEL  | 22 COOKED-FRESH-BAKED             | 8F0727 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 15001AA   | BEANS-DRY-GRN NO | 00 NOT SPECIFIED (NO CONSUMPTION) | 8F0727 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 15001AB   | BEANS-DRY-KIDNEY | 21 COOKED-NFS                     | 8F0727 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 15001AB   | BEANS-DRY-KIDNEY | 31 COOKED-FRESH OR CANNED         | 8F0727 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 15001AC   | BEANS-DRY-LIMA   | 21 COOKED-NFS                     | 8F0727 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 15001AD   | BEANS-DRY-NAVY   | 31 COOKED-FRESH OR CANNED         | 8F0727 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 15001AE   | BEANS-DRY-OTHER  | 21 COOKED-NFS                     | 8F0727 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 15001AE   | BEANS-DRY-OTHER  | 25 COOKED-FRESH-FRIED             | 8F0727 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 15001AF   | BEANS-DRY-PINTO  | 21 COOKED-NFS                     | 8F0727 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 15002AA   | BEANS-SUCC-LIMA  | 10 RAW-FRESH OR NFS               | 8F0727 | P 0.050000      | 0.050000                  |                   | 6.00           | 0.003000                         |
| 15002AA   | BEANS-SUCC-LIMA  | 21 COOKED-NFS                     | 8F0727 | P 0.050000      | 0.050000                  |                   | 6.00           | 0.003000                         |
| 15003AA   | BEANS-SUCC-GREEN | 21 COOKED-NFS                     | 8F0727 | P 0.050000      | 0.050000                  |                   | 6.00           | 0.003000                         |
| 15003AB   | BEANS-SUCC-OTH   | 10 RAW-FRESH OR NFS               | 8F0727 | P 0.050000      | 0.050000                  |                   | 6.00           | 0.003000                         |
| 15003AC   | BEANS-SUCC-WAX   | 21 COOKED-NFS                     | 8F0727 | P 0.050000      | 0.050000                  |                   | 6.00           | 0.003000                         |
| 15005AA   | CORN, SWEET      | 10 RAW-FRESH OR NFS               | 7F0521 | P 0.050000      | 0.050000                  |                   | 5.00           | 0.002500                         |
| 15005AA   | CORN, SWEET      | 21 COOKED-NFS                     | 7F0521 | P 0.050000      | 0.050000                  |                   | 5.00           | 0.002500                         |
| 15005AA   | PEANUTS-WHOLE    | 31 COOKED-FRESH OR CANNED         | NOPE#  | P 0.100000      | 0.100000                  |                   | 12.00          | 0.012000                         |
| 15006AA   | PEANUTS-WHOLE    | 10 RAW-FRESH OR NFS               | NOPE#  | P 0.100000      | 0.100000                  |                   | 12.00          | 0.012000                         |
| 15013AA   | MUNG BEANS       | 22 COOKED-FRESH-BAKED             | 8F0727 | P 0.050000      | 0.050000                  |                   | 6.00           | 0.003000                         |
| 15013AA   | MUNG BEANS       | 10 RAW-FRESH OR NFS               | 8F0727 | P 0.050000      | 0.050000                  |                   | 6.00           | 0.003000                         |
| 15022AA   | BEANS-DRY-BROAD  | 00 NOT SPECIFIED (NO CONSUMPTION) | 8F0727 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 15022AB   | BEANS-SUCC-BROAD | 00 NOT SPECIFIED (NO CONSUMPTION) | 8F0727 | P 0.050000      | 0.050000                  |                   | 6.00           | 0.003000                         |
| 15023AA   | BEANS-DRY-PIGEON | 21 COOKED-NFS                     | 8F0727 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |

(12)

DATE: 02/05/96

## ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 660

| CHEMICAL                                                                                     | STUDY TYPE                                                                                                        | EFFECTS                                                                                                                                                     | REFERENCE DOSES                        |        | DATA GAPS/COMMENTS                                                  | STATUS                                                                                                                                            |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                              |                                                                                                                   |                                                                                                                                                             | ADI                                    | UF     |                                                                     |                                                                                                                                                   |
| Phorate (Thimet)<br>Caswell #660<br>CAS No. 298-02-2<br>A.I. CODE: 057201<br>CFR No. 180.206 | 1yr feeding- dog<br>NOEL= 0.0500 mg/kg<br>0.00 ppm<br>LEL= 0.2500 mg/kg<br>0.00 ppm<br>ONCO: E (Rfd/PR Committee) | Brain ChE inhibition;<br>slight tremors in M&F,<br>marginal inhibition of<br>body weight gain in M.<br>No evidence of carcinog-<br>enicity in rats or mice. | OPP RfD= 0.000500<br>EPA RfD= 0.000000 | -->100 | No data gaps.<br><br>Rfd Pending RAC approval<br>of RAC ChE report. | WHO reviewed 1985<br>HED reviewed 06/13/86<br>EPA deferred 08/05/86<br>HED reviewed 05/05/88<br>EPA deferred 07/20/88<br>Rfd/PR reviewed 09/23/93 |

| FOOD CODE | FOOD             | FOOD FORM                         | PET.#  | TOLERANCE (ppm) | ANTICIPATED RESIDUE (ppm) | AR STATISTIC TYPE | % CROP TREATED | RES. VALUE USED IN TAS RUN (ppm) |
|-----------|------------------|-----------------------------------|--------|-----------------|---------------------------|-------------------|----------------|----------------------------------|
| 15027AA   | BEANS-UNSPEC     | 21 COOKED-NFS                     | 8F0727 | P 0.050000      | 0.050000                  |                   | 6.00           | 0.003000                         |
| 15029AA   | SOYBEAN-SPROUTED | 00 NOT SPECIFIED (NO CONSUMPTION) | NOPE#  | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 15030AA   | BEANS-DRY-HYAC   | 00 NOT SPECIFIED (NO CONSUMPTION) | 8F0727 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 15030AB   | BEANS-SUCC-HYAC  | 00 NOT SPECIFIED (NO CONSUMPTION) | 8F0727 | P 0.050000      | 0.050000                  |                   | 6.00           | 0.003000                         |
| 15031AA   | BLKEYE PEAS-DRY  | 21 COOKED-NFS                     | 8F0727 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 15032AA   | BEANS-DRY        | 21 COOKED-NFS                     | 8F0727 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 15032AA   | BEANS-DRY        | 31 COOKED-FRESH OR CANNED         | 8F0727 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 24002EA   | CORN, GRAIN-ENDO | 10 RAW-FRESH OR NFS               | 7F0521 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 24002EA   | CORN, GRAIN-ENDO | 21 COOKED-NFS                     | 7F0521 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 24002EA   | CORN, GRAIN-ENDO | 22 COOKED-FRESH-BAKED             | 7F0521 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 24002EA   | CORN, GRAIN-ENDO | 23 COOKED-FRESH-BOILED            | 7F0521 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 24002HA   | CORN, GRAIN-BRAN | 00 NOT SPECIFIED (NO CONSUMPTION) | 7F0521 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 24002SA   | CORN SUGAR       | 10 RAW-FRESH OR NFS               | 7F0521 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 24002SA   | CORN SUGAR       | 21 COOKED-NFS                     | 7F0521 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 24002SA   | CORN SUGAR       | 22 COOKED-FRESH-BAKED             | 7F0521 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 24006AA   | SORGHUM          | 00 NOT SPECIFIED (NO CONSUMPTION) | 8F0723 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007AA   | WHEAT-ROUGH      | 10 RAW-FRESH OR NFS               | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007AA   | WHEAT-ROUGH      | 21 COOKED-NFS                     | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007AA   | WHEAT-ROUGH      | 22 COOKED-FRESH-BAKED             | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007AA   | WHEAT-ROUGH      | 23 COOKED-FRESH-BOILED            | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007GA   | WHEAT-GERM       | 10 RAW-FRESH OR NFS               | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007GA   | WHEAT-GERM       | 22 COOKED-FRESH-BAKED             | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007HA   | WHEAT-BRAN       | 10 RAW-FRESH OR NFS               | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007HA   | WHEAT-BRAN       | 21 COOKED-NFS                     | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007HA   | WHEAT-BRAN       | 22 COOKED-FRESH-BAKED             | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007HA   | WHEAT-FLOUR      | 10 RAW-FRESH OR NFS               | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007HA   | WHEAT-FLOUR      | 21 COOKED-NFS                     | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007HA   | WHEAT-FLOUR      | 22 COOKED-FRESH-BAKED             | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 24007HA   | WHEAT-FLOUR      | 25 COOKED-FRESH-FRIED             | 0F0938 | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 25002SA   | BEEF SUGAR       | 10 RAW-FRESH OR NFS               | 378    | P 0.300000      | 0.300000                  |                   | 3.00           | 0.009000                         |
| 25002SA   | BEEF SUGAR       | 21 COOKED-NFS                     | 378    | P 0.300000      | 0.300000                  |                   | 3.00           | 0.009000                         |
| 25002SA   | BEEF SUGAR       | 22 COOKED-FRESH-BAKED             | 378    | P 0.300000      | 0.300000                  |                   | 3.00           | 0.009000                         |
| 25002SA   | BEEF SUGAR       | 31 COOKED-FRESH OR CANNED         | 378    | P 0.300000      | 0.300000                  |                   | 3.00           | 0.009000                         |
| 25003SA   | CANE SUGAR       | 10 RAW-FRESH OR NFS               | 8F0723 | P 0.050000      | 0.050000                  |                   | 11.00          | 0.005500                         |
| 25003SA   | CANE SUGAR       | 21 COOKED-NFS                     | 8F0723 | P 0.050000      | 0.050000                  |                   | 11.00          | 0.005500                         |
| 25003SA   | CANE SUGAR       | 22 COOKED-FRESH-BAKED             | 8F0723 | P 0.050000      | 0.050000                  |                   | 11.00          | 0.005500                         |
| 25003SA   | CANE SUGAR       | 31 COOKED-FRESH OR CANNED         | 8F0723 | P 0.050000      | 0.050000                  |                   | 11.00          | 0.005500                         |
| 25003SB   | SUGAR-MOLASSES   | 10 RAW-FRESH OR NFS               | 8F0723 | P 0.050000      | 0.050000                  |                   | 11.00          | 0.005500                         |
| 25003SB   | SUGAR-MOLASSES   | 21 COOKED-NFS                     | 8F0723 | P 0.050000      | 0.050000                  |                   | 11.00          | 0.005500                         |
| 25003SB   | SUGAR-MOLASSES   | 22 COOKED-FRESH-BAKED             | 8F0723 | P 0.050000      | 0.050000                  |                   | 11.00          | 0.005500                         |

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 660

DATE: 02/05/96

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| CHEMICAL                                                                                     | STUDY TYPE                                                                                                        | EFFECTS                                                                                                                                                     | REFERENCE DOSES                                         | DATA GAPS/COMMENTS                                                  | STATUS                                                                                                                                            |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                              |                                                                                                                   |                                                                                                                                                             |                                                         |                                                                     |                                                                                                                                                   |
| Phorate (Thimet)<br>Caswell #660<br>CAS No. 298-02-2<br>A.I. CODE: 057201<br>CFR No. 180.206 | 1yr feeding- dog<br>NOEL= 0.0500 mg/kg<br>0.00 ppm<br>LEL= 0.2500 mg/kg<br>0.00 ppm<br>ONCO: E (Rfd/PR Committee) | Brain CHE inhibition;<br>slight tremors in M&F,<br>marginal inhibition of<br>body weight gain in M.<br>No evidence of carcinog-<br>enicity in rats or mice. | ADI UF -->100<br>OPP Rfd= 0.000500<br>EPA Rfd= 0.000000 | No data gaps.<br><br>Rfd Pending RAC approval<br>of RAF CHE report. | WHO reviewed 1985<br>HED reviewed 06/13/86<br>EPA deferred 08/05/86<br>HED reviewed 05/05/88<br>EPA deferred 07/20/88<br>Rfd/PR reviewed 09/23/93 |

| FOOD CODE | FOOD             | FOOD FORM                         | PET.#  | TOLERANCE (ppm) | ANTICIPATED RESIDUE (ppm) | AR STATISTIC TYPE | % CROP TREATED | RES. VALUE USED IN TAS RUN (ppm) |
|-----------|------------------|-----------------------------------|--------|-----------------|---------------------------|-------------------|----------------|----------------------------------|
| 25003SB   | SUGAR-MOLASSES   | 31 COOKED-FRESH OR CANNED         | 8F0723 | P 0.050000      | 0.050000                  |                   | 11.00          | 0.005500                         |
| 26011AA   | GUAR BEANS       | 00 NOT SPECIFIED (NO CONSUMPTION) | 8F0727 | P 0.050000      | 0.050000                  |                   | 6.00           | 0.003000                         |
| 270020A   | CORN, GRAIN-OIL  | 18 PROCESSED OIL                  | 7F0521 | P 0.050000      | 0.050000                  |                   | 2.00           | 0.001000                         |
| 270030A   | COTTONSEED-OIL   | 18 PROCESSED OIL                  | 7F0938 | P 0.050000      | 0.050000                  |                   | 6.00           | 0.003000                         |
| 270030A   | COTTONSEED-MEAL  | 18 PROCESSED OIL                  | 7F0938 | P 0.050000      | 0.050000                  |                   | 6.00           | 0.003000                         |
| 270070A   | PEANUTS-OIL      | 18 PROCESSED OIL                  | NOPE#  | P 0.100000      | 0.100000                  |                   | 12.00          | 0.012000                         |
| 270100A   | SOYBEANS-OIL     | 18 PROCESSED OIL                  | NOPE#  | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 28023AA   | SOYBEANS-UNSPEC  | 21 COOKED-NFS                     | NOPE#  | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 28023AB   | SOYBEANS-DRY     | 10 RAW-FRESH OR NFS               | NOPE#  | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 28023AB   | SOYBEANS-DRY     | 21 COOKED-NFS                     | NOPE#  | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 28023AB   | SOYBEANS-DRY     | 23 COOKED-FRESH-BOILED            | NOPE#  | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 28023AB   | SOYBEANS-DRY     | 25 COOKED-FRESH-FRIED             | NOPE#  | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 28023AB   | SOYBEANS-DRY     | 31/ COOKED-FRESH OR CANNED        | NOPE#  | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 28023VA   | SOY-FL, FULL FAT | 21 COOKED-NFS                     | NOPE#  | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 28023VA   | SOY-FL, FULL FAT | 22 COOKED-FRESH-BAKED             | NOPE#  | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 28023VA   | SOY-FL, FULL FAT | 31 COOKED-FRESH OR CANNED         | NOPE#  | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 28023VB   | SOY-FL, LOW FAT  | 21 COOKED-NFS                     | NOPE#  | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 28023VC   | SOY-FL,DEFAT     | 10 RAW-FRESH OR NFS               | NOPE#  | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 28023VC   | SOY-FL,DEFAT     | 21 COOKED-NFS                     | NOPE#  | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 28023VC   | SOY-FL,DEFAT     | 22 COOKED-FRESH-BAKED             | NOPE#  | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 28023VC   | SOY-FL,DEFAT     | 51 COOKED-CANNED                  | NOPE#  | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |
| 28023VC   | SOY-FL,DEFAT     | 53 COOKED-CANNED-BOILED           | NOPE#  | P 0.050000      | 0.050000                  |                   | 1.00           | 0.000500                         |

# TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

DATE: 02/05/96

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| CHEMICAL INFORMATION                                                                         |  | STUDY TYPE                                                                                                              | EFFECTS                                                                                                                                                     | REFERENCE DOSES                                             |  | DATA GAPS/COMMENTS                                                  | STATUS                                                                                                                                            |
|----------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Phorate (Thimet)<br>Caswell #660<br>CAS No. 298-02-2<br>A.I. CODE: 057201<br>CFR No. 180.206 |  | 1yr feeding- dog<br>NOEL=<br>0.0500 mg/kg<br>0.00 ppm<br>LEL=<br>0.2500 mg/kg<br>0.00 ppm<br>ONCO: E (Rfd/PR Committee) | Brain ChE inhibition;<br>slight tremors in M&F,<br>marginal inhibition of<br>body weight gain in M.<br>No evidence of carcinog-<br>enicity in rats or mice. | ADI<br>UF -->100<br>OPP Rfd= 0.000500<br>EPA Rfd= 0.0000000 |  | No data gaps.<br><br>Rfd Pending RAC approval<br>of RAF ChE report. | WHO reviewed 1985<br>HED reviewed 06/13/86<br>EPA deferred 08/05/86<br>HED reviewed 05/05/88<br>EPA deferred 07/20/88<br>Rfd/PR reviewed 09/23/93 |

## TOTAL TMRC (MG/KG BODY WEIGHT/DAY)

| POPULATION SUBGROUP                             | CURRENT TMRC* |          | NEW TMRC** |          | NEW TMRC AS PERCENT OF RFD |          | DIFFERENCE AS PERCENT OF RFD |          | EFFECT OF ANTICIPATED RESIDUES |          |
|-------------------------------------------------|---------------|----------|------------|----------|----------------------------|----------|------------------------------|----------|--------------------------------|----------|
|                                                 |               |          |            |          |                            |          |                              |          | ARC                            |          |
| U.S. POPULATION - 48 STATES                     | 0.000518      | 0.000518 | 0.000518   | 0.000518 | 103.615200                 | 0.000000 | 0.000000                     | 0.000078 | 0.000078                       | 15.51840 |
| U.S. POPULATION - SPRING SEASON                 | 0.000509      | 0.000509 | 0.000509   | 0.000509 | 101.720600                 | 0.000000 | 0.000000                     | 0.000076 | 0.000076                       | 15.10460 |
| U.S. POPULATION - SUMMER SEASON                 | 0.000514      | 0.000514 | 0.000514   | 0.000514 | 102.832000                 | 0.000000 | 0.000000                     | 0.000075 | 0.000075                       | 15.02560 |
| U.S. POPULATION - FALL SEASON                   | 0.000525      | 0.000525 | 0.000525   | 0.000525 | 104.973000                 | 0.000000 | 0.000000                     | 0.000080 | 0.000080                       | 16.00000 |
| U.S. POPULATION - WINTER SEASON                 | 0.000520      | 0.000520 | 0.000520   | 0.000520 | 103.990200                 | 0.000000 | 0.000000                     | 0.000080 | 0.000080                       | 15.93360 |
| NORTHEAST REGION                                | 0.000490      | 0.000490 | 0.000490   | 0.000490 | 97.921400                  | 0.000000 | 0.000000                     | 0.000073 | 0.000073                       | 14.60460 |
| NORTH CENTRAL REGION                            | 0.000551      | 0.000551 | 0.000551   | 0.000551 | 110.179800                 | 0.000000 | 0.000000                     | 0.000086 | 0.000086                       | 17.11460 |
| SOUTHERN REGION                                 | 0.000530      | 0.000530 | 0.000530   | 0.000530 | 105.952200                 | 0.000000 | 0.000000                     | 0.000079 | 0.000079                       | 15.74580 |
| WESTERN REGION                                  | 0.000482      | 0.000482 | 0.000482   | 0.000482 | 96.301600                  | 0.000000 | 0.000000                     | 0.000070 | 0.000070                       | 14.00280 |
| HISPANICS                                       | 0.000526      | 0.000526 | 0.000526   | 0.000526 | 105.149200                 | 0.000000 | 0.000000                     | 0.000077 | 0.000077                       | 15.35060 |
| NON-HISPANIC WHITES                             | 0.000520      | 0.000520 | 0.000520   | 0.000520 | 103.942800                 | 0.000000 | 0.000000                     | 0.000079 | 0.000079                       | 15.75800 |
| NON-HISPANIC BLACKS                             | 0.000505      | 0.000505 | 0.000505   | 0.000505 | 100.998600                 | 0.000000 | 0.000000                     | 0.000073 | 0.000073                       | 14.54200 |
| NON-HISPANIC OTHERS                             | 0.000424      | 0.000424 | 0.000424   | 0.000424 | 84.762000                  | 0.000000 | 0.000000                     | 0.000055 | 0.000055                       | 11.03660 |
| NURSING INFANTS (< 1 YEAR OLD)                  | 0.000199      | 0.000199 | 0.000199   | 0.000199 | 39.767200                  | 0.000000 | 0.000000                     | 0.000024 | 0.000024                       | 4.88020  |
| NON-NURSING INFANTS (< 1 YEAR OLD)              | 0.000693      | 0.000693 | 0.000693   | 0.000693 | 138.630600                 | 0.000000 | 0.000000                     | 0.000096 | 0.000096                       | 19.11960 |
| FEMALES (13+ YEARS, PREGNANT)                   | 0.000353      | 0.000353 | 0.000353   | 0.000353 | 70.646600                  | 0.000000 | 0.000000                     | 0.000052 | 0.000052                       | 10.35940 |
| FEMALES 13+ YEARS, NURSING                      | 0.000404      | 0.000404 | 0.000404   | 0.000404 | 80.761000                  | 0.000000 | 0.000000                     | 0.000057 | 0.000057                       | 11.48160 |
| CHILDREN (1-6 YEARS OLD)                        | 0.001111      | 0.001111 | 0.001111   | 0.001111 | 222.214200                 | 0.000000 | 0.000000                     | 0.000157 | 0.000157                       | 31.35540 |
| CHILDREN (7-12 YEARS OLD)                       | 0.000815      | 0.000815 | 0.000815   | 0.000815 | 163.007600                 | 0.000000 | 0.000000                     | 0.000117 | 0.000117                       | 23.31360 |
| MALES (13-19 YEARS OLD)                         | 0.000577      | 0.000577 | 0.000577   | 0.000577 | 115.344600                 | 0.000000 | 0.000000                     | 0.000086 | 0.000086                       | 17.12640 |
| FEMALES (13-19 YEARS OLD, NOT PREG. OR NURSING) | 0.000479      | 0.000479 | 0.000479   | 0.000479 | 95.811000                  | 0.000000 | 0.000000                     | 0.000071 | 0.000071                       | 14.25060 |
| MALES (20 YEARS AND OLDER)                      | 0.000421      | 0.000421 | 0.000421   | 0.000421 | 84.216200                  | 0.000000 | 0.000000                     | 0.000066 | 0.000066                       | 13.13140 |
| FEMALES (20 YEARS AND OLDER, NOT PREG. OR NURS) | 0.000346      | 0.000346 | 0.000346   | 0.000346 | 69.211400                  | 0.000000 | 0.000000                     | 0.000055 | 0.000055                       | 11.00800 |

\*Current TMRC does not include new or pending tolerances.

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

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6  
TOLERANCE ASSESSMENT SUMMARY FOR Phorate (Thimet)  
USING ANTICIPATED RESIDUES  
CASWELL #660

DATE: 02/05/96

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

EXISTING ANTICIPATED RESIDUES (PUBLISHED ONLY)

|                                    |          |               |
|------------------------------------|----------|---------------|
| RESULT IN AN ARC OF:               | 0.000078 | MG/KG/DAY     |
| THE EXISTING ARC IS EQUIVALENT TO: | 15.518   | % OF THE ADI. |

NO NEW ANTICIPATED RESIDUES ARE IN THE FILE.

NO OTHER PENDING ANTICIPATED RESIDUES ARE IN THE FILE

ANALYSIS FOR POPULATION SUB-GROUP: CHILDREN (1-6 YEARS OLD)

EXISTING ANTICIPATED RESIDUES (PUBLISHED ONLY)

|                                    |          |               |
|------------------------------------|----------|---------------|
| RESULT IN AN ARC OF:               | 0.000157 | MG/KG/DAY     |
| THE EXISTING ARC IS EQUIVALENT TO: | 31.355   | % OF THE ADI. |

NO NEW ANTICIPATED RESIDUES ARE IN THE FILE.

NO OTHER PENDING ANTICIPATED RESIDUES ARE IN THE FILE