

1-17-84  
RCB-84

JAN 17 1984

Caswell No(s):: 862 AA

FEB 13 1984

To: H. Jacoby, PM No. 21, Registration Division (TS-767)

Registration No(s)::

Pesticide Petition No(s):: 3F2887Chemical(s): Bayleton 50% WPRequested Action(s): Evaluation of a revised "Section F" with respect to P.P. No. 3F2887, proposing a residue tolerance of 0.5 ppm in sugarbeetRecommendation: The proposed tolerance of 0.5 ppm on sugarbeets is toxicologically supported (see comments below).Inert(s) cleared 180.1001: Yes% of ADI occupied: Existing: See ADI printout Resulting: see ADI printoutResulting % increase in TMRC: See ADI printout (attached)Data considered in setting the ADI: 2-year feeding in the rat with a NOEL of 50 ppmAttached (?): ADI printout: YES/NO; TOX "one-liner": YES/NO; DER: YES/NOExisting regulatory actions against registration: NoneRPAR status: Not on the RPAR listNew Data: NoneData gaps: None at the present timeComments: Tolerance of 1.0 ppm has been previously approved by Tox Branch (see G. Ghali's memo to H. Jacoby, August 19, 1983, attached).Reviewer: George Z. GhaliDate: 10.26.83Section Head: R. Hardner 1-17-84Branch Chief: W. W. B. 1/17/84

File last updated 10/27/83

## ACCEPTABLE DAILY INTAKE DATA

| RAT, Older | NOEL  | S.F. | ADI       | MPI           |
|------------|-------|------|-----------|---------------|
| mg/kg      | ppm   |      | mg/kg/day | mg/day (60kg) |
| 2.500      | 50.00 | 100  | 0.0250    | 1.5000        |

## Published Tolerances

| CROP                     | Tolerance | Food Factor | mg/day (1.5kg) |
|--------------------------|-----------|-------------|----------------|
| Apples( 2)               | 1.000     | 2.53        | 0.03795        |
| Barley( 8)               | 1.000     | 0.03        | 0.00045        |
| <u>Chick peas</u> (214)  | 0.100     | 0.03        | 0.00005        |
| Eggs( 54)                | 0.040     | 2.77        | 0.00166        |
| Cattle( 26)              | 1.000     | 7.18        | 0.10777        |
| Grapes, not raisins( 67) | 1.000     | 0.45        | 0.00675        |
| Goats( 62)               | 1.000     | 0.03        | 0.00045        |
| Hogs( 69)                | 0.040     | 3.43        | 0.00206        |
| Horses(208)              | 1.000     | 0.03        | 0.00045        |
| Milk&Dairy Products( 93) | 0.040     | 28.62       | 0.01717        |
| Pears(116)               | 1.000     | 0.26        | 0.00383        |
| Pineapple(123)           | 3.000     | 0.30        | 0.01334        |
| Poultry(128)             | 0.040     | 2.94        | 0.00177        |
| Sheep(145)               | 1.000     | 0.19        | 0.00291        |
| Wheat(170)               | 1.000     | 10.36       | 0.15544        |
| Almonds( 1)              | 0.050     | 0.03        | 0.00002        |

| MPI                  | TMRC                  | % ADI |
|----------------------|-----------------------|-------|
| 1.5000 mg/day (60kg) | 0.3521 mg/day (1.5kg) | 23.47 |

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Unpublished, Tox Approved 2G2638, 0E2393, 0F2349, 3F2887, 3F2938

| CROP                      | Tolerance | Food Factor | mg/day (1.5kg) |
|---------------------------|-----------|-------------|----------------|
| Almonds( 1)               | 0.050     | 0.03        | 0.00002        |
| Apricots( 3)              | 0.000X    | 0.11        | 0.00000        |
| Nectarines(100)           | 0.000X    | 0.03        | 0.00000        |
| Peaches(114)              | 0.000X    | 0.90        | 0.00000        |
| Cucumbers, not pickl( 47) | 0.000XX   | 0.34        | 0.00000        |
| Tomatoes(163)             | 0.200     | 2.87        | 0.00862        |
| Melons( 92)               | 0.000XXX  | 2.00        | 0.00000        |
| Apricots( 3)              | 4.000     | 0.11        | 0.00675        |
| Pumpkin, inc squash(131)  | 0.300     | 0.11        | 0.00051        |
| Watermelon(169)           | 0.300     | 1.43        | 0.00644        |
| Nectarines(100)           | 4.000     | 0.03        | 0.00180        |
| Peaches(114)              | 4.000     | 0.90        | 0.05396        |
| Plums, inc prunes(125)    | 4.000     | 0.13        | 0.00797        |
| Sugar, cane&beet(154)     | 0.000XXXX | 3.64        | 0.00000        |
| Melons( 92)               | 0.300     | 2.00        | 0.00901        |
| Cucumbers, not pickl( 47) | 0.300     | 0.34        | 0.00152        |
| Coffee( 36)               | 0.050     | 0.75        | 0.00056        |
| Cottonseed (oil)( 41)     | 0.200     | 0.15        | 0.00045        |
| Sugar, cane&beet(154)     | 0.000     | 3.64        | 0.00000        |

2G2638 was Agency  
approved not TOX approved.  
expires 12-31-84

X - approved at 10 ppm.

XX - previously approved  
at 0.1 ppm

XXX - previously approved  
at 0.2 ppm

XXXX - previously approved  
at 1.0 ppm.

| MPI                  | TMRC                  | % ADI |
|----------------------|-----------------------|-------|
| 1.5000 mg/day (60kg) | 0.4497 mg/day (1.5kg) | 29.98 |

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Current Action 3F2 7 [Rev Sec F]

| CROP                  | Tolerance | Food Factor | mg/day(1.5kg) |
|-----------------------|-----------|-------------|---------------|
| Sugar, cane&beet(154) | 0.500     | 3.64        | 0.02729       |

| MPI                 | TMRC                 | % ADI |
|---------------------|----------------------|-------|
| 1.5000 mg/day(60kg) | 0.4770 mg/day(1.5kg) | 31.80 |

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**DRAFT**