

US EPA ARCHIVE DOCUMENT

1-17-84  
RCB

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): 3F2887

Chemical(s): Bayleton 50% WP

Requested Action(s): Evaluation of a revised "Section F" with respect to P.P. No. 3F2887, proposing a residue tolerance of 0.5 ppm in sugarbeet

Recommendation: 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 printout

Resulting % increase in TMRC: See ADI printout (attached)

Data considered in setting the ADI: 2-year feeding in the rat with a NOEL of 50 ppm

Attached (?): ADI printout: YES/NO; TOX "one-liner": YES/NO; DER: YES/NO

Existing regulatory actions against registration: none

RPAR status: Not on the RPAR list

New Data: None

Data gaps: None at the present time

Comments: 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. Ghali

Date: 10.26.83 JAN 17 1984

Section Head: R. Hardner 1-17-84

Branch Chief: W. C. 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Unpublished, Tox Approved 2G2638, 0E2393, 0F2349, 3F2887, 3F2938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**