

MAY 23 1983

Caswell No(s)..⁵¹ 470A KCB MAY 23 1983

To: JACOBY PM 91

Registration No(s):: 359-684

Pesticide Petition No(s):: 2 F 27 28 - ROVRAL 50 W.P. *fenitrothion*Chemical(s): (application, rate, dates) ROVRAL, aerial application
1 lb-ai/acre

Requested Action(s): Permanent Tolerance

RAC(S)-TOLERANCE(S) ppm
almond Nutmeat - 0.05
Hulls 0.15
MILK 0.02
MEAT - cattle, horses
hogs sheep 0.1

Recommendation:

Granting This Tolerance will not introduce
an overt hazard. Thus it is Acceptable.

Inert(s) cleared 180.1001: YES

% of ADI occupied: Existing: 6.87 Resulting: 7.04 % increase 2.56

Resulting % increase in TMRC: From 1.0310 To 1.0558 mg/day is % 2.40

Data considered in setting the ADI: A 3 Generation reproduction
mat study @ NOEL = 500 ppm ADI = 0.2500 MPI = 15.000

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

Existing regulatory actions against registration: NONE

RPAR status: NOT IN THE RPAR LIST

New Data: NONE

Data gaps: DERMAL TOXICITY, TERATOLOGY RABBIT
MUTAGENICITY ~~GENE TOX~~ (ALL IN PROGRESS)The dog study due by April 1983 has not been receivedComments: As other Tolerances relevant - Various request have been
submitted at almost the same time

Reviewer:

Date:

Section Head:

Branch Chief:

3430

5900

4-29-83

WCB 5/22/83

1/2

File last updated 4/28/83

ACCEPTABLE DAILY INTAKE DATA

RAT, Older NOEL	S.F.	ADI	MPI
mg/kg ppm		mg/kg/day	mg/day (60kg)
25.000 500.00	100	0.2500	15.0000

Published Tolerances

CROP	Tolerance	Food Factor	mg/day (1.5kg)
Kiwi Fruit (204)	10.000	0.03	0.00450

MPI	TMRC	% ADI
15.0000 mg/day (60kg)	0.0045 mg/day (1.5kg)	0.03

Unpublished, Tox Approved 8G2087, 0G2402, 2F2596, 3G2787, 3G2801, 3F2810

CROP	Tolerance	Food Factor	mg/day (1.5kg)
Almonds (1)	0.050	0.03	0.00002
Apricots (3)	0.000	0.11	0.00000
Plums, inc prunes (125)	0.000	0.13	0.00000
Cherries (30)	0.000	0.10	0.00000
Nectarines (100)	0.000	0.03	0.00000
Peaches (114)	0.000	0.90	0.00000
Grapes, not raisins (67)	60.000	0.45	0.40470
Raisins (134)	180.000	0.04	0.11037
Lettuce (84)	7.000	1.31	0.13735
Stone Fruits (151)	20.000	1.25	0.37404

MPI	TMRC	% ADI
15.0000 mg/day (60kg)	1.0310 mg/day (1.5kg)	6.87

Current Action 2F2728

CROP	Tolerance	Food Factor	mg/day (1.5kg)
Almonds (1)	0.000	0.03	0.00000
Meat, red (90)	0.100	10.81	0.01622
Milk & Dairy Products (93)	0.020	28.62	0.00858

MPI	TMRC	% ADI
15.0000 mg/day (60kg)	1.0558 mg/day (1.5kg)	7.04

$$\begin{array}{r}
 7.04 \\
 6.87 \\
 \hline
 .17 \\
 6.87 \times 100 = 17 \times x \\
 6.87 \times 1.56 = 10.700 \\
 1374 \\
 3860 \\
 3435 \\
 \hline
 4250
 \end{array}$$

$$\begin{array}{r}
 1.0558 \\
 1.0310 - 100 \\
 0.0248 - x \\
 2.40 \\
 1.0310 \times 14800 \\
 20620 \\
 41800 \\
 41210 \\
 \hline
 5900
 \end{array}$$

DRAFT