

US EPA ARCHIVE DOCUMENT

SEP 7 1983

To: Henry Jacoby, PM # 21

*Nelson*  
*F. Lopez*

Registration No(s): ---

Pesticide Petition No(s): PP # 3F 2815

Chemical(s): Chlorothalonil in peaches

Requested Action(s): Review revised section F to reflect an increase from 3.0 ppm to 5.0 ppm.

Recommendation: Toxicology Branch has no objection to increasing the peach tolerance to 5.0 ppm from 3.0 ppm.

Inert(s) cleared 180.1001: OK. BRAVO 500 and BRAVO 75 W.

% of ADI occupied: Existing: 84.21% Resulting: 87.21%

Resulting % increase in TMRC: 3.7%

Data considered in setting the ADI: 2 year dog feeding NOEL = 60 ppm (systemic).

Safety Factor = 100.

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

Existing regulatory action against registration: None

RPAR status: Referred but not active.

New Data: None submitted under this action.

Data gaps: None.

Comments: Registration Standard Chemical. We approved the 3.0 ppm tolerance in our 2/3/83 review of this petition, D. Ritter.

Reviewer: David Ritter 9-6-83 Section Head: RBJ 9/7/83

Branch Chief: RBJ w/ 3 9/7/83

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File last updated 9/6/83

ACCEPTABLE DAILY INTAKE DATA

Dog	NOEL	S.F.	ADI	MPI
mg/kg	ppm		mg/kg/day	mg/day (60kg)
1.500	60.00	100	0.0150	0.9000

Published Tolerances

CROP	Tolerance	Food Factor	mg/day (1.5kg)
Celery ( 28)	15.000	0.29	0.06438
Broccoli ( 19)	5.000	0.10	0.00766
Brussel Sprouts ( 20)	5.000	0.03	0.00225
Cabbage, sauerkraut ( 22)	5.000	0.74	0.05519
Cauliflower ( 27)	5.000	0.07	0.00537
Cucumbers, inc pickl ( 46)	5.000	0.73	0.05442
Melons ( 92)	5.000	2.00	0.15023
Onions, green (107)	5.000	0.11	0.00843
Pumpkin, inc squash (131)	5.000	0.11	0.00843
Beans, snap ( 12)	5.000	0.98	0.07358
Summer Squash (155)	5.000	0.03	0.00225
Tomatoes (163)	5.000	2.87	0.21561
Passion fruit (112)	3.000	0.03	0.00135
Carrots ( 24)	1.000	0.48	0.00720
Corn, sweet ( 40)	1.000	1.43	0.02145
Onion (dry bulb) (106)	0.500	0.72	0.00537
Peanuts (115)	0.300	0.36	0.00161
Potatoes (127)	0.100	5.43	0.00814
Papayas (109)	15.000	0.03	0.00675
Bananas ( 7)	0.050	1.42	0.00107
Parsnips (111)	1.000	0.03	0.00045
Soybeans (oil) (148)	0.200	0.92	0.00275
Beans, dry edible ( 10)	0.100	0.31	0.00047
Mint (193)	2.000	0.03	0.00090
Apricots ( 3)	0.500	0.11	0.00084
Nectarines (100)	0.500	0.03	0.00023
Plums, inc prunes (125)	0.200	0.13	0.00040
Cherries ( 30)	0.500	0.10	0.00077
Peaches (114)	0.500	0.90	0.00675

MPI 0.9000 mg/day (60kg) TMRC 0.7143 mg/day (1.5kg) % ADI 79.37

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Unpublished, Tox Approved 0F2405, 2E2744, 3F2815

CROP	Tolerance	Food Factor	mg/day (1.5kg)
Citrus Fruits ( 33)	0.000	3.81	0.00000
Grapefruit ( 65)	0.100	0.99	0.00149
Oranges (108)	0.100	2.17	0.00325
Citrus oil (214)	10.000	0.03	0.00450
Cocoa ( 34)	0.050	0.12	0.00009
Coffee ( 36)	0.050	0.75	0.00056
Peaches (114)	2.500	0.90	0.03373

MPI TMRC % ADI

0.9000 mg/day (60kg)

0.7579 mg/day (1.5kg)

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Current Action 3F2815 *Creo Sec F*

CROP	Tolerance	Food Factor	mg/day (1.5kg)
Peaches (114)	2.000	0.90	0.62698

MPI	TMRC	% ADI
0.9000 mg/day (60kg)	0.7849 mg/day (1.5kg)	87.21

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**DRAFT**