

US EPA ARCHIVE DOCUMENT

JUL 12 1985

Caswell No(s): 160

To: Jay Ellenburger

Registration No(s):

Pesticide Petition No(s): SF 3208 (revised from SE 3308) 5H 5466

Chemical(s): Carbaryl (1-naphthylmethylcarbamate)

Requested Action(s): 40 CFR 180.169 Residues in or on pineapples at 2 ppm and pineapple leaves at 20 ppm

Recommendation: Grant the tolerance

Inert(s) cleared 180.1001: Yes

% of ADI occupied: Existing: 91.42 % Resulting: 91.57 %

Resulting % increase in TMRC: 0.16%

Data considered in setting the ADI: 2-year rat feeding - NOEL 300 ppm (20 mg/kg), rat reproduction 3 generation NOEL 300 mg/kg, mouse 18 mo oncogenic NOEL 400 ppm (60 mg/kg), mouse (Chem) teratogenic NOEL 30 mg/kg

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

Existing regulatory actions against registration:

RPAR status:

New Data:

Data gaps: One year dog feeding and dog metabolic study

Comments:

JUL 12 1985

Reviewer: Kay Landolt

Date: July 5, 1985

David Watts 7/16/85

Branch Chief: [Signature] 7/16/85

File last updated 3/19/85

ACCEPTABLE DAILY INTAKE DATA

DRAFT

RAI, Older NCEL	S.F.	LDI	ADI
mg/kg PPM		mg/kg/day	mg/day/50kg
10.000 200.00	100	0.1000	6.0000

Published Tolerances

CFOP	Tolerance	Food Factor	mg/day/1.5kg
Blackberries(15)	12.000	0.03	0.00540
boysenberries(17)	12.000	0.03	0.00540
Collards(37)	12.000	0.08	0.01472
Cowberries(52)	12.000	0.03	0.00540
Beet greens(13)	12.000	0.03	0.00540
Kale(75)	12.000	0.03	0.00540
Loganberries(86)	12.000	0.03	0.00540
Mustard Greens(99)	12.000	0.06	0.01104
Parsley(110)	12.000	0.03	0.00540
Raspberries(135)	12.000	0.03	0.00540
Spinach(150)	12.000	0.05	0.00920
Swiss Chard(158)	12.000	0.03	0.00540
Turnip Greens(166)	12.000	0.03	0.00540
Apples(2)	10.000	2.53	0.37950
Apricots(3)	10.000	0.11	0.01686
Asparagus(5)	10.000	0.14	0.02146
Bananas(7)	10.000	1.42	0.21308
Beans(9)	10.000	2.04	0.30600
Blueberries(18)	10.000	0.03	0.00450
broccoli(19)	10.000	0.10	0.01533
Brussel Sprouts(20)	10.000	0.03	0.00450
abbage, sauerkraut(22)	10.000	0.74	0.11037
Carrots(24)	10.000	0.48	0.07205
Cauliflower(27)	10.000	0.07	0.01073
Cherries(30)	10.000	0.10	0.01533
Chinese Cabbage(177)	10.000	0.03	0.00450
Citrus Fruits(33)	10.000	3.81	0.57179
Cranberries(44)	10.000	0.03	0.00450
cumbers, inc pickl(46)	10.000	0.73	0.10884
Eggplant(53)	10.000	0.03	0.00450
Escarole/endive(56)	10.000	0.03	0.00450
apes, inc raisins(66)	10.000	0.49	0.07358
Kohlrabi(76)	10.000	0.03	0.00450
Lettuce(84)	10.000	1.31	0.19622
Melons(92)	10.000	2.00	0.30046
Nectarines(100)	10.000	0.03	0.00450
Okra(103)	10.000	0.07	0.01073
Olives(104)	10.000	0.06	0.00920
Peaches(114)	10.000	0.90	0.13490
Pears(116)	10.000	0.26	0.03832
Peas(117)	10.000	0.69	0.10424
Peppers(120)	10.000	0.12	0.01840
Plums, inc prunes(125)	10.000	0.13	0.01993
pumpkin, inc squash(131)	10.000	0.11	0.01686
Salisfy(142)	10.000	0.03	0.00450
Scorbut(147)	10.000	0.03	0.00450

Strawberries(152)	10.000	0.16	0.00759
Sucker Squash(155)	10.000	0.03	0.01450
Tomatoes(163)	10.000	2.87	0.43122
Corn, all types(38)	5.000	2.51	0.18825
Cottonseed (oil)(41)	5.000	0.15	0.01125
Beets(14)	5.000	0.17	0.01303
Horseradish(77)	5.000	0.03	0.00225
Poultry(128)	5.000	2.94	0.22075
Parsnips(111)	5.000	0.03	0.00225
Peanuts(115)	5.000	6.36	0.02683
Radishes(133)	5.000	0.03	0.00225
Rice(137)	5.000	0.55	0.04139
Rutabagas(139)	5.000	0.03	0.00225
Salisfy(142)	5.000	0.03	0.00225
Soybeans (oil)(148)	5.000	0.92	0.06886
Turnips(165)	5.000	0.05	0.00383
Almonds(1)	1.000	0.03	0.00045
Filberts(58)	1.000	0.03	0.00045
Fecans(118)	1.000	0.03	0.00045
Walnuts(167)	1.000	0.03	0.00045
Eggs(54)	0.500	2.77	0.02078
Sweet Potatoes(157)	0.200	0.40	0.00120
Chestnuts(153)	1.000	0.13	0.00045
Celery(28)	10.000	0.29	0.04292
Maple syrup(201)	0.500	0.03	0.00023
Lentils(83)	10.000	0.04	0.00613
Dandelion(194)	12.000	0.03	0.00540
Winter squash(171)	10.000	0.03	0.00450
Pistachio nuts(210)	1.000	0.03	0.00045
Wheat(170)	3.000	10.36	0.46633
Cattle(26)	0.100	7.18	0.01078
Goats(62)	0.100	0.03	0.00005
Hogs(69)	0.100	3.43	0.00515
Sheep(145)	0.100	0.19	0.00029
Horses(208)	0.100	0.03	0.00005
Kidney(203)	1.000	0.03	0.00045
Liver(211)	1.000	0.03	0.00045
Milk&Dairy Products(93)	0.300	28.62	0.12877
Potatoes(127)	0.200	5.43	0.01628
Sunflower(156)	1.000	0.03	0.00045
Millet(94)	3.000	0.03	0.00135
Flax Seed(182)	5.000	0.03	0.00225
<u>Prickly Pear Cactus</u> (214)	12.000	0.03	0.00540

NPI 6.0000 mg/day/60kg THRC 4.6688 mg/day/1.5kg % ADI 77.81

Unpublished, ICR Approved 6E1874, 1848, 2554, 2667, 8G1030, 5E3208

CROP	Tolerance	Food Factor	mg/day/1.5kg
Rye(140)	3.000	0.03	0.00135
Oats(102)	3.000	0.36	0.01510
Barley(2)	3.000	0.03	0.00135
Potatoes(127)	3.800	5.43	0.79772
Oysters (214)	0.250	0.03	0.00011
Pineapple(123)	★ 0.000	0.30	0.00000

★ recorded at
10 ppm

NPI 6.0000 mg/day/60kg THRC 5.4854 mg/day/1.5kg % ADI 91.42

Current Action 4832 [Revised Section]

CRDF	Tolerance	Food Factor	µg/day/1.5kg
Pineapple(123)	2.000	0.30	0.00889

MPI	TRC	% ADI
0.0000 µg/day/50kg	5.4943 µg/day/1.5kg	91.57
