UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

AUG 8 1986

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: Addendum to the Residue Chemistry Chapter of the Folpet Registration Standard -- Regulatory Incidents

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THRU: Charles L. Trichilo, Chief
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Introduction:

At the time the Residue Chemistry Chapter of the Folpet Registration Standard was issued (2/12/86), FDA monitoring data had been requested but not received. These data have since arrived (letter, dated 4/11/86, from M. Gartrell [FDA] to E. Wilson [RD]) and are summarized in this memorandum.

FDA Monitoring Data:

No residues of folpet have been detected in or on any samples taken for the first twelve market baskets of FDA's revised Total Diet Study (April 1982 - April 1985). FDA surveillance data for folpet in or on domestic and imported commodities during FY 78-85 are summarized in Tables 1 and 2. Folpet is recovered through most of FDA's multiresidue monitoring methods which are used to analyze approximately 10,000 samples each year. The data in Tables 1 and 2 represent samples in or on which measurable residues of folpet were found. None of the commodities having established tolerances for folpet bore tolerance-exceeding residues. However, residues of folpet were found in the following commodities not having established tolerances: domestic kale, spinach and Bok choy; and imported carrots and green beans.

Table 1. FDA Domestic Surveillance Data for Folpet (FY 78-85).

Commodity	# of Samples Bearing Measurable Residues	Residue Range (ppm)
1978:		
Grapes	1	0.920
Apples	7	0.030-0.380
1979:		
Lettuce	1	0.570
Apples	10	0.020-0.470
1980:		
Apples	8	T[a]-0.647
Lettuce	2	0.500-2.000
Grapes	7	0.090-0.650
1981:		
Strawberries	1	12.000
Apples	10	0.030-0.490
Lettuce	12	0.020-12.500
1982:		
Grapes	1	0.510
Apples	1	1.130
Cherries	1	0.050
1983:		
Grapes	2	0.030-0.100
Strawberries	20	0.080-3.000
Celery	1	1.000
Kale[b]	1	6.100
Lettuce	49	0.020-7.820
1984:		
Strawberries	3	0.040-2.000
Cucumbers	1	0.050
Celery	1	0.050
Lettuce	22	0.030-7.400
Spinach[b]	4	0.030-4.800
Bok Choy[b]	1	0.300
1985:		
Grapes	11	T-0.500
Cherries	1	0.710
Tomatoes	1	0.500
Lettuce	36	0.020-15.200

[a]T = trace.
[b]There are no established tolerances covering residues of folpet in/on kale, spinach or Bok choy.

Table 2. FDA Import Surveillance Data for Folpet (FY 78-85).

Commodity	# of Samples Bearing Measurable Residues	Residue Range (ppm)
1980:		
Carrots[b]	1	T[a]
1983:		
Grapes	1	0.050
1984:		
Boysenberries	1	3.000
1985:		
Boysenberries	2	0.500-12.000
Currants	1	0.100
Green beans[b]	1	0.350

[a]T = trace.
[b]There are no established tolerances covering residues of folpet in/on carrots or green beans.

TS-769C:RCB:Reviewer:D.Edwards:CM#2:RM:812:557-4353
cc:S.Saunders(TOX):E.Saito(SIS):E.Eldredge(PMSD/ISB):Subject File: Reading File:Reg.Standards File:Reviewer:Circu.
RDI:Section Head:W.Boodee:8/6/86:R.Schmitt:8/7/86.