

US EPA ARCHIVE DOCUMENT



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

MAY 28 1981

5-28-81
OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: PP#OE2414 Iprodione use on Kiwifruit. Amendment of 4/22/81.
FROM: Philip V. Errico, Chemist *Philip V. Errico*
Residue Chemistry Branch
Hazard Evaluation Division (TS-769)
TO: Eugene Wilson, Product Manager No.21
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THRU: Charles L. Trichilo, Branch Chief *CT*
Residue Chemistry Branch
Hazard Evaluation Division (TS-769)

The petitioner has submitted a revised Section F increasing the requested tolerance from 7 ppm to 10 ppm. This change was in response to the deficiency in our review of PP#OE2414 (R.B. Perfetti, 1/28/81).

BFSD has also completed the requested method try out for iprodione and its metabolites of concern in kiwifruit (memo by Calvin Corley, Method Evaluation Unit, CBIB, BFSD (TS-768), May 1, 1981). Fortifications of iprodione (3(3,5-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidine carboxamide and its metabolites of concern, RP 30228 (3-(1-methylethyl-N-(3,5-dichlorophenyl)-2,4-dioxo-1-imidazolidine carboxamide and RP32490 3-(3,5-dichlorophenyl)2,4-dioxo-1-imidazolidine carboxamide at 0.01 and 7.0 ppm each gave recoveries of 70-97%, 60-87% and 60-89%, respectively. Higher recoveries were obtained at the 7 ppm fortification level for all three compounds. Controls are reported as 0.0 ppm. Except for some minor suggestions, no difficulty was experienced with the procedure. The method is suitable for regulatory purposes.

Recommendation

TOX considerations permitting, we can now recommend for the requested tolerance of 10 ppm iprodione and its metabolites of concern.

A Codex Sheet is attached.

1/3

INTERNATIONAL RESIDUE LIMIT STATUS

CHEMICAL Iprodione

PETITION NO. OE2414

CCPR NO. 111

Codex Status

No Codex Proposal
Step 6 or above

Residue (if Step 9):

<u>Crop(s)</u>	<u>Limit (mg/kg)</u>
None (on kiwifruit)	

CANADIAN LIMIT

Residue: _____

<u>Crop</u>	<u>Limit (ppm)</u>
NONE	

Proposed U.S. Tolerances

Iprodione [3-(3,5-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidine-carboxamide] and its metabolites 3-(1-methylethyl)-N-(3,5-dichlorophenyl)-2,4-dioxo-1-imidazolidinecarboxamide and 3-(3,5-dichlorophenyl)-2,4-dioxo-1-imidazolidinecarboxamide

Residue: _____

<u>Crop(s)</u>	<u>Tol. (ppm)</u>
kiwifruit	10 ppm

MEXICAN TOLERANCIA

Residue: _____

<u>Crop</u>	<u>Tolerancia (ppm)</u>
NONE	

NOTES: