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JAN 14 1980

To: Product Manager Taylor (25)
TS-767

Through: Dr. Gunter Zweig, Chief *19*
Environmental Fate Branch

From: Review Section No. 1 *RLK Cook*
Environmental Fate Branch

Attached please find the environmental fate review of:

Reg./File No.: 524-308

Chemical: Glyphosate, isopropylamine salt
(N-(phosphonomethyl)glycine)

Type Product: Herbicide

Product Name: Roundup Herbicide

Company Name: Monsanto

Submission Purpose: Conditional use on coffee in Puerto Rico

EFB # 318 Action Code 310

ZBB Code: 3(c)(7)

Date In: 11/05/79

Date Completed: JAN 14 1980

Deferrals To:

- Ecological Effects Branch
- Residue Chemistry Branch
- Toxicology Branch

CONDITIONAL REGISTRATION REVIEW

EPA Reg. No. 524-308 Roundup Herbicide

We have examined the proposed conditional registration of glyphosate (isopropylamine salt) for use on coffee in Puerto Rico. The use directions for coffee will be included in the brochure section entitled "Tree Crops" with the following instructions: Delay application three months after transplanting to allow the new coffee plant to become established. Note: Allow a minimum of 14 days between last application and harvest. Note: The combined total of all treatments must not exceed 10.6 quarts (8 pounds active ingredient acid equivalent) per acre per year. Do not forage treated areas for 8 weeks after application.

Environmental Fate Branch concludes that the proposed conditional use is substantially similar to the registered use pattern of the registered product, notably the registered uses on other tree crops such as avocado, grapefruit, kumquat, lemon, lime, orange, tangelo, tangerines, apples, pears, almond, filbert, macadamia, pecan, pistachio, walnut, and grapes. It is also concluded that rotational crops are not an issue in this proposed conditional registration.

R.W. Cook

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Review Section #1
Environmental Fate Branch
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