



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

MAR 11 1988

MEMORANDUM

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

SUBJECT: 88-PR-01. Section 18 Specific Exemption. Fenvalerate on Pineapples. No MRID #. RCB # 3420.

FROM: Leung Cheng, Chemist *L. Cheng*  
Special Registration Section II  
Residue Chemistry Branch  
Hazard Evaluation Division (TS-769C)

THRU: Edward Zager, Section Head  
Residue Chemistry Branch  
Hazard Evaluation Division (TS-769C) *E. Zager*

TO: E. Asbury/D. Stubbs, PM Team 41  
Registration Support and Emergency Response Branch  
Registration Division (TS-767C)

The Puerto Rico Department of Agriculture has requested a Section 18 Specific Exemption be granted for the use of ASANA on pineapples in Puerto Rico. The active insecticidal ingredient is (S)-cyano (3-phenoxyphenyl)methyl-(S)-4-chloro-alpha-(1-methylethyl)benzeneacetate (aka esfenvalerate).

Tolerances are established for residues of cyano (3-phenoxyphenyl)methyl-4-chloro-alpha-(1-methylethyl)benzeneacetate or fenvalerate on a variety of raw agriculture commodities including corn grain at 0.02 ppm, corn forage and fodder at 50.0 ppm, milk at 0.3 ppm, and meat and meat byproducts at 1.5 ppm [40 CFR 180.379].

The proposed use would allow the first application of ASANA at the beginning of flowering, with a second application 10 days later. Two additional applications, each with a 10-day interval, may be necessary if flowering is variable. Application rates would be from 0.025 to 0.05 lb ai/A (1.7 to 3.4 fl oz ASANA) in sufficient water as a foliar spray. A preharvest interval of 60 days is imposed on the label.

No residue data on pineapples were submitted with this Section 18 request. The submission package states that the regional IR-4 coordinator at the Pesticide Residue Laboratory, Gainesville, Florida, is in the process of preparing an IR-4 registration package.

Pineapples are a unique crop. In the absence of residue data RCB will be unable to determine the residue levels resulting from this Section 18 proposed use on pineapples.

CONCLUSIONS AND RECOMMENDATION

Pineapples are a unique crop. In the absence of residue data, RCB is unable to determine the residue levels in pineapples resulting from this Section 18 proposed use.

RCB recommends against this Section 18 registration for the use of ASANA on pineapples.

cc:Circ, RF, Section 18 F, Cheng, PMSD/ISB  
RDI:EZager:3/10/88:RDSchmitt:3/11/88  
TS-769:RCB:CM#2:Rm810:Cheng:3/9/88:1:3/11/88