

US EPA ARCHIVE DOCUMENT

3/23/79

PP# 6P1830/FAP# 9H5203: Chlorpyrifos in Sorghum and milling fractions.
Amendment of 12/1/78.

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F. Sanders (PM-12), RD (TS-767) and TOX, HED (TS-769)

Thru: Acting Chief, RCB

The submission contains revised tolerance proposals for residues of the insecticide chlorpyrifos, [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl)phosphorothioate], and its metabolite 3,5,6-trichloro-2-pyridinol as follows.

Sorghum grain	0.75 ppm
Sorghum forage	1.5 ppm
Sorghum fodder	6.0 ppm
Sorghum grain milling fractions (bran, germ, screenings)-FAP 9H5203	1.5 ppm

The food additive tolerance for grain milling fractions is the only change in tolerances of this petition. The food additive tolerance responds to our request that such a tolerance was necessary (memo 9/25/78, A. Smith). This submission resolves the deficiencies of this petition.

Recommendation

Toxicological considerations permitting, we recommend for the proposed tolerances.

Alfred Smith

TS-769:RCB:ASMITH:sdb:X62610:RML08:WSME:3/23/79

Using a concentration factor of 2.0 (since only 1 sample was processed, the higher factor will provide for some variability in residue levels) and the proposed grain tolerance of 0.75 ppm, we calculate a tolerance level of 1.5 ppm for the milling fractions (bran, germ, screenings).

Recommendation

We recommend against the tolerances as proposed. A favorable recommendation is contingent upon the petitioner's submission of a tolerance proposal to cover residues in the sorghum grain milling fractions (bran, germ, screenings) which are used in the livestock diet. A tolerance of 1.5 ppm is adequate.

Alfred Smith

cc: EEE, TOX, FDA, CHM (3)
TS-769:ASMITH:mer:Em 108:WSME:X62610:9/21/78
RDI:RSQUICK:9/20/78:JGCUMMINGS:9/20/78

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