

US EPA ARCHIVE DOCUMENT

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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DATE: June 28, 1979

SUBJECT: Addendum to Memo on a Request for a Tolerance of 0.1 ppm for Atrazine in or on Proso Millet (Grain, Green Fodder, Straw). PP#8E2076, CASWELL#63

FROM: Larry Anderson
Toxicology Branch (TS-769)

Larry Anderson



TO: Clinton Fletcher
ERS/PCB/RD

Discussion

In the memo by L. Anderson, 6/9/78, on PP#8E2076, a request for a tolerance of 0.1 ppm for atrazine in or on proso millet (grain, green fodder, straw) was evaluated and approved. According to a memo by T. McLaughlin, CHM, 4/12/79, on PP#8E2076, IR-4 should be asked to present a revised Section F in which the originally proposed 0.1 ppm tolerance should be changed to 0.25 ppm in or on proso millet grain and 5.0 ppm in or on proso millet straw, green forage, and fodder which are consistent with tolerances previously established for other grains. These tolerance revisions which are included in the IR-4 PP#8E2076 FR Proposal Draft of June 23, 1979 have been found acceptable by CHM (4/12/79 memo by McLaughlin) and are considered to be toxicologically supported based on the 6/9/78 memo by Anderson. The tolerances entered in the revised section F will add only 0.01% to the ADI (see attached printout).

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ACCEPTABLE DAILY INTAKE DATA

Dog	NOEL	S.F.	ADI	MPI
mg/kg	ppm		mg/kg/day	mg/day/60kg
3.750	150.00	100	0.0375	2.2500

Published Tolerances

CROP	Tolerance	Food Factor	mg/day/1.5kg
Corn, all types (38)	0.250	2.51	0.00941
Macadamia nuts (87)	0.250	0.03	0.00011
Pineapple (123)	0.250	0.30	0.00111
Sorghum (147)	0.250	0.03	0.00011
Sugar, cane & beet (154)	0.250	3.64	0.01364
Wheat (170)	0.250	10.36	0.03886
Eggs (54)	0.020	2.77	0.00083
Milk & Dairy Products (93)	0.020	28.62	0.00858
Meat, inc poultry (89)	0.020	13.85	0.00415

MPI	TMRC	% ADI
2.2500 mg/day/60kg	0.0768 mg/day/1.5kg	3.41

Current Action PP 8E2076

CROP	Tolerance	Food Factor	mg/day/1.5kg
Millet (94)	0.250	0.03	0.00011

MPI	TMRC	% ADI
2.2500 mg/day/60kg	0.0769 mg/day/1.5kg	3.42
