

US EPA ARCHIVE DOCUMENT

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I. INTRODUCTION

ICI Americas Inc. representative, Robert E. Ridsdale, in a letter dated 30 Apr. 1984 to Timothy Gardner responded to an unfavorable Toxicology Branch Risk Assessment (27 March 1984) for CYMBUSH® 3E Insecticide by submitting a modified label which includes mandatory protective clothing for the mixer/loader.

II. CONCLUSIONS

The mixer/loader exposures have been lowered to 10% of what they were in my March 2, 1984 memorandum to John Doherty (see Table 1). These reduced estimates had been forwarded months ago to Tox. Branch (Hitch, 17 May 1984 memorandum to Ed Budd). Table 1 is excerpted from the May 17, 1984 memorandum and the current action merely logs out the registration papers thru proper channels.

*Robert K. Hitch*

Robert K. Hitch  
Exposure Assessment Branch  
HED/OPTS

Table 1 CYPERMETHRIN APPLICATOR EXPOSURE ESTIMATE  
 (Assuming that Mixer/Loaders wear gloves)\*

	Daily Exposures (mg/day)		# of Days per Year	Annual Exposures (mg/yr)	
	TYPICAL CASE	RANGE		TYPICAL CASE	RANGE
Ground/ Mixer/Loader Cymbush/Water	1.6	neg-7.6	26	42	neg 0.8-200 neg
Ground/ Application/ Cymbush/Water	neg	neg	26	0.9	neg 0.2-1.8 neg-0.1
total: Cymbush Ground/Water	1.6	neg-7.6	26	42.9	neg 1-201.8 neg-0.1
Mixing/load Cymbush/Water	24	neg	4	96	neg 2-480 neg
Aerial					

\*Wearing gloves reduces the mixer/loader exposure 10X from what it was in NY March 2, 1984 memo to J. Doherty in Tox.Br.