

94

5-17-84

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
Dermal Inhal.	Dermal Inhalation		Dermal Inhal	Dermal Inhalation

Ground/
Mixer/Loader
ymbush/Water

Ground/
Application/
ymbush/Water

otal: Cymbush
Ground/Water

Mixing/load
Cymbush/Water
Aerial

1.6 neg neg-7.6 neg 26 42 neg 0.8-200 neg
neg neg neg neg 26 0.9 neg 0.2-1.8 neg-0.1

1.6 neg neg-7.6 neg 26 42.9 neg 1-201.8 neg-0.1

24 neg .5-120 neg 4 96 neg 2-480 neg

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