

US EPA ARCHIVE DOCUMENT

FL

Date Out EFB: 17 Feb. 1982

To: Product Manager 17 Gee
TS-767

From: Dr. Willa Garner W
Chief, Review Section No. 1
Environmental Fate Branch

Attached please find the environmental fate review of:

Reg./File No.: 10182-EUP-19

Chemical: Cypermethrin

Type Product: Insecticide

Product Name: Cymbush

Company Name: ICI

Submission Purpose: Spray drift protocol

ZBB Code: other

ACTION CODE: 450

Date in: 2/16/82

EFB # 191

Date Completed: 2/17/82

TAIS (level II)

Days

Deferrals To:

108 67

2 hrs

Ecological Effects Branch

Residue Chemistry Branch

Toxicology Branch

1.

Permethrin/Cypermethrin

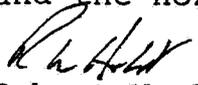
Study Protocol to Evaluate Drift Potential

The protocol provided to evaluate drift potential of the ELECTRODYN sprayer has been reviewed and found to be acceptable.

The spray drift data requirements do not extend to this type of ground sprayer. The Agency's main concern of ground type sprayers is for mist blowers. However, since this is a new design and material to be applied may result in primarily small droplets (25-100 um), the Agency will be interested in the data gathered during this series of tests.

The inclusion of the ELECTRODYN sprayer on the label of any product will be at the discretion of the pesticide manufacturer or formulator.

The only additional information from the test would be the height of the crop canopy and the distance between the crop and the nozzles.


Robert W. Holst
Plant Physiologist (Section 2, EFB, HED)

Note to PM: R. Holst is retaining a copy of the protocol.