



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MEMORANDUM

10-30-84

TO: Taylor/Felkel Team 25
Registration Division

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

THRU: Raymond W. Matheny, Head, Section 1
Ecological Effects Branch
Hazard Evaluation Division

Raymond W. Matheny
Clayton Bushong

THRU: Clayton Bushong, Chief
Ecological Effects Branch
Hazard Evaluation Division

SUBJECT: Three Paclobutrazol Submissions Concerning A Mallard LD₅₀ Study
and Product Labeling (EPA Reg. No's 10182-IE, 10182-EUP-GU, and
10182-TT).

The subject study did not meet the guideline requirement (see EEB review dated 2/15/83). In order to repair this study the company was asked to report the precise age of the birds tested and explain the use of "chick" diet on "young adult" birds. The company reported that the precise age of the birds is unknown. However, ICI stated, "by calculation from the egg production period of birds of this type it is possible to say that they were in the age range of 14-20 weeks." Concerning the "chick" diet the following response was provided:

"The use of the word "chick" in this case was an abbreviation for chicken and as such was a term used to cover a wide age range other than the period prior to or after egg production. The diet used in this study was designed to ensure that no medicaments were added and provided the correct nutrient balance. The fact that the diet was satisfactory may be judged by the mortalities recorded, bird health and weight gains recorded."

These explanations are adequate. The subject study further identified by the Acc. No. 248689 and authored by Ross, et. al, (1979) meets the guidelines requirements.

The revised label "Environmental Hazard" section for Reg. No. 10182-IE is adequate for the intended use.

Dennis J. McLane
Dennis J. McLane
Wildlife Biologist

125601

SHAUGHNESSEY NO.

REVIEW NO.

EEB BRANCH REVIEW

DATE: IN 10/9/84 OUT 10/29/84

FILE OR REG. NO. 10182-TT

PETITION OR EXP. PERMIT NO.

DATE OF SUBMISSION 10/1/84

DATE RECEIVED BY HED 10/5/84

RD REQUESTED COMPLETION DATE 1/23/85

EEB ESTIMATED COMPLETION DATE 1/16/85

RD ACTION CODE/TYPE OF REVIEW 116/New Chemical

TYPE PRODUCT(S): I, D, H, F, N, R, S Herbicide

DATA ACCESSION NO(S).

PRODUCT MANAGER NO. R. Taylor (25)

PRODUCT NAME(S) Clipper 50W Tree Growth Retardant

COMPANY NAME ICI Americas, Inc.

SUBMISSION PURPOSE Registrant response to EEB review of avian studies

SHAUGHNESSEY NO.

CHEMICAL, & FORMULATION

X.A.I.

125601

(2 RS, 3 RS)-1-(4-chlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl) pentan-3-ol

50

125601

SHAUGHNESSEY NO.

REVIEW NO.

EEB BRANCH REVIEW

DATE: IN 10/9/84

OUT 10/29/84

FILE OR REG. NO.

10182-EUP-GU

PETITION OR EXP. PERMIT NO.

DATE OF SUBMISSION

10/1/84

DATE RECEIVED BY HED

10/5/84

RD REQUESTED COMPLETION DATE

12/24/84

EEB ESTIMATED COMPLETION DATE

12/17/84

RD ACTION CODE/TYPE OF REVIEW

701/EUP

TYPE PRODUCT(S): I, D, H, F, N, R, S

Herbicide

DATA ACCESSION NO(S).

PRODUCT MANAGER NO.

R. Taylor (25)

PRODUCT NAME(S)

Parlay 50WP

COMPANY NAME

ICI Americas, Inc.

SUBMISSION PURPOSE

Registrant response to EEB review of avian studies

SHAUGHNESSEY NO.

CHEMICAL, & FORMULATION

I A.I.

125601

(2RS,3RS)-1-(4-chlorophenyl)-4,4-dimethyl-2-

(1H-1,2,4-triazol-1-yl) pentan-3-ol

50

125601
SHAUGHNESSEY NO.

Denny
4
REVIEW NO.

EEB BRANCH REVIEW

DATE: IN 10/5/84

OUT 10/29/84

FILE OR REG. NO.

10182-1E

PETITION OR EXP. PERMIT NO.

DATE OF SUBMISSION

10/1/84

DATE RECEIVED BY RED

10/4/84

RD REQUESTED COMPLETION DATE

1/22/85

EEB ESTIMATED COMPLETION DATE

1/15/85

RD ACTION CODE/TYPE OF REVIEW

116 New Chemical

TYPE PRODUCT(S): I, D, H, F, N, R, S

Herbicide

DATA ACCESSION NO(S).

PRODUCT MANAGER NO.

R. Taylor (25)

PRODUCT NAME(S)

Bonzai

COMPANY NAME

ICI Americas, Inc.

SUBMISSION PURPOSE

Response to previous EEB review plus submission
of revised label

SHAUGHNESSEY NO.

CHEMICAL & FORMULATION

I.A.I.

125601

(2RS, 3RS)-1-(4-chlorophenyl)-4,4-dimethyl-2-

(1H-1,2,4-triazol-1-yl) pentan-3-ol