

US EPA ARCHIVE DOCUMENT

125401

SHAUGHNESSEY NO.

REVIEW NO.

EEB REVIEW

DATE: IN 6-28-85 OUT 01 OCT 1985

FILE OR REG. NO 279-GNLE, 279-GNLU, 279-GNLG

PETITION OR EXP. NO.

DATE OF SUBMISSION 6-7-85

DATE RECEIVED BY HED 6-20-85

RD REQUESTED COMPLETION DATE 10-7-85

EEB ESTIMATED COMPLETION DATE 9-30-85

RD ACTION CODE/TYPE OF REVIEW 106/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) Command

COMPANY NAME FMC Corporation

SUBMISSION PURPOSE Submission of chronic Daphnia magna study for review

SHAUGHNESSEY NO. CHEMICAL, & FORMULATION Z.A.I.

125401

2-(2-chlorophenyl)-methyl-4-4

dimethyl-3-isoxazolidinone

XX 629

Command Herbicide

100 Submission Purpose and Label Information

100.1 Submission Purpose and Pesticide Use

The registrant (FMC Corp.) submitted data from a daphnid chronic toxicity study in support of registration of Command for use on soybeans.

101 Hazard Assessment

101.4 Adequacy of Toxicity Data

The registrant submitted an aquatic invertebrate life-cycle study on daphnia. This study was determined to be supplemental as submitted, due to lack of pertinent data in the report. To allow validation of the study, raw data are needed on the number of offspring produced per test vessel (20-daphnid group).

103 Conclusions

EEB has reviewed the submitted daphnid life-cycle study. As noted above, the study cannot be validated until pertinent data are submitted by the registrant.

*Allen W. Vaughan* 9/26/85  
Allen W. Vaughan, Entomologist  
Ecological Effects Branch  
Hazard Evaluation Division (TS-769)

*Norman J. Cook* 9-30-85  
Norman J. Cook, Head-Section 2  
Ecological Effects Branch  
Hazard Evaluation Division (TS-769)

*Michael Slimak* 9/30/85  
Michael Slimak, Chief  
Ecological Effects Branch  
Hazard Evaluation Division (TS-769)