

US EPA ARCHIVE DOCUMENT

D-7897 / LINURON SR

24

Shaughnessy #: 035506

Date out of EAB: OCT 16 1985

Signature: *[Handwritten Signature]*

Releasable

To: Ingrid Sunzenaur
Product Manager 78
Special Review Branch
Registration Division (TS-767)

From: Emil Regelman,
Chief, Section #3
Exposure Assessment Branch
Hazard Evaluation Division (TS-769c) *[Handwritten Initials]*

Attached please find the EAB review of:

Reg./File No.: _____

Chemical: Linuron

Type Product: Herbicide

Product Name: _____

Company Name: Du Pont

Submission Purpose: Waiver Request: Long Term Field Dissipation

ACTION CODE: 827

Date In: 7/16/85

EAB # 5769

Date Completed: OCT 16 1985

TAIS (level II) Days

- Deferrals To:
- _____ Ecological Effects Branch
 - _____ Residue Chemistry Branch
 - _____ Toxicology Branch

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1. CHEMICAL: Linuron [3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea]

2. TEST MATERIAL:

Linuron formulations and pure radiolabelled material used in referenced studies.

3. STUDY/ACTION TYPE:

Waiver request for long-term Field Dissipation Studies.

4. STUDY IDENTIFICATION:

Studies referenced. See Du Pont letter of July 7, 1985

5. REVIEWED BY:

Art Schlosser
Chemist
EAB/HED/OPP

Signature: Arthur O. Schlosser

Date: 10/8/85

6. APPROVED BY:

Emil Regelman
Acting Chief
Review Section #3,
EAB/HED/OPP

Signature: Emil Regelman

Date: OCT/17/1985

7. CONCLUSIONS:

A decision as to whether long-term field dissipation studies (40CFR 158.130, 164-5) will be required for linuron cannot be made at this time since no field dissipation studies, 164-1, have as yet been accepted by the Agency. Two of the studies cited in the Du Pont waiver request of July 7, 1985 (AMR-20-80 and AMR277-84) have already been reviewed and judged unacceptable as field dissipation studies. The third cited study, "Linuron Field Dissipation", dated 7/8/85 has recently been reviewed. Deficiencies found in this study would not allow it to be used for comparison with studies AMR-20-80 or AMR-277-84 cited above. Neither would it be acceptable to satisfy guideline requirements for field dissipation. A detailed review of this study will be returned separately. Under the present guidelines the results of both aerobic soil metabolism data and field dissipation data need to be considered in judging whether long term studies will be required.

8. RECOMMENDATIONS:

EAB cannot concur with the request for waiver of long-term field dissipation studies at this time due to the lack of acceptable supporting field-dissipation data.

To satisfy requirements for field dissipation data, data will be needed which reasonably represent all uses, product formulations and geographical areas for the pesticide in question. Data at maximum application rates must be included. Information on cultural practices including the shortest intervals to reapplication are also needed to serve as basis for judging the need for long-term field dissipation data.

9. BACKGROUND:

Du Pont requests a waiver of data based on data previously submitted.

10. DISCUSSION OF INDIVIDUAL TESTS OR STUDIES:

No new data were submitted or reviewed. See Du Pont letter of July 7, 1985 for references.

11. COMPLETION OF ONE-LINER: Not done at this time.

12. CBI APPENDIX: Not applicable.