

TDMS

DATA EVALUATION RECORD

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CASE GS _____

NAPTHALENE ACETIC ACID

PM _____ / /

CHEM 056002

NAPTHALENE ACETIC ACID

BRANCH EEB

DISC _____

FORMULATION % ai Unknown

FICHE/MASTER ID

59

CITATION: Truslow Farms (1976) 8-Day Dietary LC₅₀ - Bobwhite Quail
Project 113-118 May 5, 1976

SUBST. CLASS=

OTHER SUBJECT DESCRIPTORS

PRIM:

DIRECT REVIEW TIME = 1 hr (MH) START DATE 2/13/81 END DATE 2/13/81

REVIEWED BY: Thomas B. Johnston

TITLE: Fisheries Biologist

ORG: EEB/HED

LOC./TEL: 557-0320

SIGNATURE: *Thomas B. Johnston* DATE: 2/26/81

APPROVED BY:

TITLE:

ORG:

LOC./TEL:

SIGNATURE:

DATE:



2003823

FICHE/MASTER ID 59

CONCLUSIONS: This study is scientifically sound, but does not fulfill USEPA guideline requirements because it was run on a formulated product rather than on the technical grade of the toxicant. With an LC_{50} of greater than 10,000 ppm, NAA acid formulation 72-A1112 is practically non-toxic to upland gamebirds.

METHODS AND MATERIALS:

- A. TEST TYPE - 8-Day Dietary Toxicity Study
- B. TEST SPECIES - Bobwhite Quail (Colinus virginianus)
- C. TEST PROCEDURES - Five groups of ten birds each were fed diets containing 464, 1000, 2150, 4640, or 10,000 ppm of the formulated product 72-A1112 for five days, then observed for three days while on diets free of toxicants.

STATISTICAL ANALYSIS - No mortality was noted at any level.

REPORTED RESULTS: No mortality was noted at any level. The dietary LC_{50} of formulation 72-A1112 for upland gamebirds is estimated to be >10000 ppm.

DISCUSSION:

- A. TEST PROCEDURE: This study followed EPA guidelines, except that it was not run on the technical grade of the toxicant.
- B. STATISTICAL ANALYSIS: No mortality.
- C. DISCUSSION/RESULTS:
No mortality occurred at dietary levels up to 10000 ppm.
- D. CONCLUSIONS:
 - 1. CATEGORY: Supplemental
 - 2. RATIONALE: This test was run on a formulated product, not on the technical as specified by EPA guidelines.
 - 3. REPAIRABILITY: This study is not repairable.