

US EPA ARCHIVE DOCUMENT

CASE GS _____

NAPHTHALENE ACETIC ACID

PM _____ / /

CHEM 056002

NAPHTHALENE ACETIC ACID

BRANCH EEB

DISC _____

FORMULATION Technical

FICHE/MASTER ID 55

CITATION: Truslow Farms (1976) Acute Oral LD₅₀ - Bobwhite Quail Project
113-153 May 30, 1976

SUBST. CLASS=

OTHER SUBJECT DESCRIPTORS

PRIM:

DIRECT REVIEW TIME = 1 hr (MH) START DATE 2/12/81 END DATE 2/12/81

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TITLE:
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LOC./TEL:

SIGNATURE: DATE:



FICHE/MASTER ID 55

CONCLUSIONS: This study is scientifically sound and demonstrates that NAA acid technical is practically non-toxic to upland game birds. This study fulfills the guideline requirements for an avian acute oral LD_{50} .

METHODS AND MATERIALS:

- A. TEST TYPE -Acute oral LD_{50} for upland game bird
- B. TEST SPECIES -Bobwhite quail (Colinus Virginianus)
- C. TEST PROCEDURES -Ten birds per level for five levels (398, 631, 1000, 1590, and 2150 mg/kg) were given single oral doses of the test substance, then observed for 14 days while on a diet free of toxicants.

STATISTICAL ANALYSIS

No mortality was reported at any level.

REPORTED RESULTS :The acute oral LD_{50} of naphthalene acetic acid technical to Bobwhite Quail is >2150 mg/kg. No toxic symptoms were exhibited at any dose level.

DISCUSSION:

- A. TEST PROCEDURE:
This study followed USEPA guidelines.
- B. STATISTICAL ANALYSIS:
No mortality.
- C. DISCUSSION/RESULTS:
No mortality occurred at doses up to 2150 mg/kg
- D. CONCLUSION:
 - 1. CATEGORY: Core
 - 2. RATIONALE: N/A
 - 3. REPAIRABILITY: N/A