

US EPA ARCHIVE DOCUMENT

DATA EVALUATION RECORD

1. Chemical: Triforine  
MRID No. 103918
2. Test Material: W 529
3. Study Type: Avian oral LD<sub>50</sub> test  
Test species: Bobwhite quail (Colinus virginianus)
4. Study ID: Document No. T4. Performed by C.H. Boehringer Sohn  
Pharma-foschung biologie; Ravex Research Inc. for E.M.  
Laboratories, Inc., Elmsford, NY.
5. Reviewed By: Nimish Vyas  
Biologist  
EEB/EFED  
Signature: *Nimish Vyas*  
Date: 3/11/91
6. Approved By: Norman Cook  
Head, Section II  
EEB/EFED  
Signature: *Norman Cook*  
Date: 3-11-91
7. Conclusion: This study is grossly inadequate. The laboratory must consult the Guidelines approved by the Ecological Effects Branch. The study is categorized as Invalid based on the information provided in this study.
8. Recommendations: Study must be repeated
9. Background Information: This study was reviewed in response to Phase 4 Reregistration (List B).
10. Discussion of Individual Tests: N/A
11. Materials and Methods:  
This study reported only the following:  
Test substance: W 524  
Lot No. T 1/70; (9.2. 1970)  
Species: Quail  
Sex: Male and Female  
Weight: 100-170 g  
Accommodation: in groups, at room temperature  
Preparation: 15 - 30% aqueous suspension (+tylose)  
Administration: orally, by gavage. Dosage level: 1500, 3000,  
6000 mg/kg bodyweight. 10 birds per treatment.  
Animals at administration: fed  
Observation period: 14 days
12. Reported Results: No mortality occurred.

13. Study Author's Conclusions/ Quality Assurance Measures:

The acute oral LD<sub>50</sub> is estimated to be greater than 6000 mg/kg.

Quality Assurance and Good Lab Practices Statements were not included in the report.

14. Reviewer's Discussion and Interpretation of the Results:

This study is grossly inadequate. The laboratory must consult the Guidelines approved by the Ecological Effects Branch. The study is categorized as Invalid based on the information provided in this study.

Adequacy of the Study:

- (1) Classification: Invalid
- (2) Rationale: The Guidelines were not followed.
- (3) Repairability: Study must be repeated
- (4) Descriptive Conclusion: This study is classified as invalid. According to this study, Triforine technical is classified as practically non-toxic to bobwhite quail.