

US EPA ARCHIVE DOCUMENT

7-13-79

EEE BRANCH REVIEW

| | | | | | | |
|-------|----|-----------------|-------------------------|-----|----|----------|
| DATE: | IN | OUT | IN | OUT | IN | OUT |
| | | 11-17-78 | 7-13-79 | | | |
| | | FISH & WILDLIFE | ENVIRONMENTAL CHEMISTRY | | | EFFICACY |

FILE OR REG. NO. 524-308

PETITION OR EXP. PERMIT NO. 7F1892

DATE DIV. RECEIVED _____

DATE OF SUBMISSION _____

DATE SUBMISSION ACCEPTED _____

TYPE PRODUCTS(S): I, D, (H,) F, N, R, S

DATA ACCESSION NO(S). 235924, 097661

PRODUCT MGR. NO. Taylor (25)

PRODUCT NAME(S) Roundup (R)

COMPANY NAME Monsanto Agricultural Products Co.

SUBMISSION PURPOSE To provide an avian reproduction study
for bobwhite quail and mallard duck.

CHEMICAL & FORMULATION Also an acute toxicity study for rainbow trout.
N-(phosphonomethyl) glycine

00136339

100 Pesticide Name

100.3 Glyphosate

100.3 Submission Purpose

Submission of avian reproduction and fish acute toxicity data to update files.

101.0 Chemical and Physical Properties

101.1 Chemical Name

N-(phosphonomethyl) glycine

101.2 Common Name

Glyphosate

103.0 Toxicological Properties

A) Avian Reproductive Studies

| <u>Species</u> | <u>Dosage Levels(ppm)</u> | <u>Results</u> |
|----------------|---------------------------|-------------------|
| Mallard Duck | 50,200, 1000 | No toxic symptoms |
| Bobwhite Quail | 50,200, 1000 | No toxic symptoms |

b) Fish Acute 96 hour LC₅₀ for rainbow trout was 86 mg/l (70-106 mg/l).

104.0 Hazard Assessment

105.0 Conclusions

The above studies have been reviewed and are considered acceptable. They have been classified as core for technical glyphosate.

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7-13-79

Clayton Bushong 7/14/79
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