EEE BRANCH REVIEW

DATE: IN _____ OUT _____ IN 3/29/77 OUT 4/18/77 IN _____ OUT _____

FISH & WILDLIFE ENVIRONMENTAL CHEMISTRY EFFICACY

FILE OR REG. NO. 707 - EUP - 88 and 89

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED _____

DATE OF SUBMISSION _____

DATE SUBMISSION ACCEPTED _____

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

PRODUCT MGR. NO. _____

PRODUCT NAME(S) STAM F-34 and STAM LV-10

COMPANY NAME ROHM and HAAS

SUBMISSION PURPOSE EUP for wheat

CHEMICAL & FORMULATION Propanil (3,4 - dichloropropionanilide)

(STAM)

1.0 Introduction

1.1 Stam F-34, Propanil, STAM LV-10

1.3 Percent active: 85

Contains 3 lbs ai/gallon.

1.4 A total of 46 gallons (138 lbs ai) are to be shipped covering a total of 80A in two states (N.D., MN).

1.5 STAM F-34 and LV-10 is regiestered for use on rice #707-75.

1.6 This program is a crop destruct EUP.

1.7 Proposed program is for the testing on STAM F-34, LV-10 on wheat for control of weeds.

2.0 DIRECTIONS (small letters) FOR USE - WHEAT (NORTH DAKOTA AND MINNESOTA)

TIMING OF APPLICATION

Application should be made in the spring when green foxtail first starts to emerge in wheat fields. A single application of STAM herbicide should be timed to occur when the majority of green foxtail seedlings are in the 2 to 4 leaf stage and the wheat is in the 2 leaf to early tillering stage. Applications made after the 5 leaf stage of wheat may be less effective on green foxtail because crop cover will interfere with spray coverage of weeds.

MIXING AND EQUIPMENT

STAM F-34 and LV-10 is an emulsifiable concentrate and mixes readily with water. Pour the measured quantity into a partially filled spray tank and while agitating add the remainder of water. Agitate before and during spraying.

Apply STAM F-34 and LV-10 with a properly calibrated low pressure ground sprayer using 12 to 15 gallons of water per acre at 40 PSI. Test areas should be treated with a range of dosages from 1 to 2 pounds active per acre.

2.00 pounds active = 2 quarts plus 21 ounces
1.75 pounds active = 2 quarts plus 11 ounces
1.50 pounds active = 2 quarts
1.25 pounds active = 1 quart plus 21 ounces
1.00 pounds active = 1 quart plus 11 ounces

3.0 Discussion of Data.

We have reviewed the data submitted as per required for this EUP (hydrolysis and aerobic soil metabolism studies) and determined that they are acceptable for the permit but have not been validated as to acceptability for registration.

4.0 Conclusions.

Supplemental label submitted - assume disposal information on main label.

5.0 Recommendations.

5.1 We concur with the proposed use under the EUP.

5.2 Studies submitted below have been found adequate for the permit, but they have not been validated or reviewed to determine if they are acceptable to support registration.

1. Hydrolysis.
2. Aerobic soil metabolism.

5.3 Data submitted or referenced (listed in Sect. 5.2) have not been validated or reviewed according to Section 3 Regulations and data required by Section 3 Regulations must be submitted at such time. See attached sheet for data requirements.

RON Ney 4/18/77

Ronald Ney 4/18/77

Robert F. Carsel 9/28/77

Robert F. Carsel
Environmental Chemistry Section
Efficacy and Ecological Effects Branch