

LGP - ENVIRONMENTAL SAFETY
NEMACURConcur Jure
4/21/77
classification
proposed.I. INTRODUCTION

Nemacur is registered for use on cotton, soybeans, cabbage, brussel sprouts, lawns and turf. Formulations include 10 and 15% granular and a 35% EC. Nemacur is extremely toxic to birds and other wildlife.

Rates of application on turf include rates up to 20 lbs. a.i. Turf uses require label directions for irrigation immediately after application. Label is presently restricted to commercial and professional use.

Crop use include rates up to 6 lbs. a.i./a applied as band or broadcast (applied to soil). Label directions state that incorporation of Nemacur is necessary to insure uniform distribution.

II. FISH AND WILDLIFE DATA AND REFERENCESMammalReference

Rat acute oral LD_{50} = 4.75-8.1 mg/kg

1/

Bird

Bobwhite quail acute oral LD_{50} = 4.75 - 8.1 mg/kg

2/

Mallard duck acute oral LD_{50} = 0.9 - 1.1 mg/kg

3/

Fish

Rainbow trout 96 hr. LC_{50} = 0.11 ppm

4/

Catfish 96 hr. LC_{50} = 3.8 ppm

5/

References

1/

2/

3/

References (con't)

4/

5/

III. WAIVERS

No waivers are required for reregistration.

IV. REBUTTABLE PRESUMPTION

None of the presently registered uses fall into RPAR.

V. CLASSIFICATION

General - none

Restricted - all presently registered uses are
restricted base upon avian criteria.

VI. ENVIRONMENTAL HAZARD

All use labels must contain the following statements under the heading ENVIRONMENTAL HAZARD:

"This pesticide is extremely toxic to wildlife and fish. Use with care when applying in areas frequented by wildlife or adjacent to any body of water. Birds feeding on treated areas may be killed. Keep out of lakes, streams, or ponds"

In addition to the above hazard statements, certain statements are required under the Directions for Use.

- omitted from tying →
1. Granular turf labels.
 2. Granular crop labels
- "Irrigate treated area immediately using a minimum of 1/2 inch of water"
- a) Directions must provide for thorough incorporation at time of or immediately after application.

- b) Also add statements "Cover or incorporate granules which are spilled during loading" and "Incorporate granules visible on soil surface in turn areas."

3. Emulsifiable labels

- a) Directions must provide for thorough incorporation at time of or immediately after application.

James W. Akerman

James W. Akerman
Section Head, Environmental Safety