

US EPA ARCHIVE DOCUMENT

#374A

Amitraz

Jaeger

SUBJECT: PP 5G 1558. Amendment to TB Review, dated 2/19/75

JUN 19 1975

FROM: TR

TO: PM

Pesticide Petition No.: 5G 1558

Chemical Identity: U-35, 059EC: BTS 27419

Use: Miticide

Petitioner: The Upjohn Co.
Kalamazoo, MI 49001

Toxicity Data:

BTS 27419: Teratogenicity in the Rabbit (TX 73029, August 1973, Second experiment).

The MEL for the teratogenicity study in rabbits (second experiment) should read: "BTS 27419 is not considered teratogenic at 25 mg/kg/day or less."

The fetal malformations indicated in the review are not considered significant nor dose related.

At 25 mg/kg/day the mean litter size (alive) and implantation index (84.7%) were significantly different from lower test and control groups. Mean fetal weight and viability index were depressed and there was a significant increase in the number of abortions. Based on these data, BTS 27419 illustrates embryotoxic potential at 25 mg/kg/day. There is no embryotoxic effect from BTS 27419 at 5 mg/kg/day or less.

Robert D. Jaeger, Physiologist
Toxicology Branch
Registration Division

cc: Branch Reading File
CB,EEB,Pet No. 5G 1558
RJaeger:boa
NCG:OEPaynter

BEST AVAILABLE COPY

1/2/1