

US EPA ARCHIVE DOCUMENT

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

APR 1 1993

OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCES

MEMORANDUM

SUBJECT: New Chemical/Microbial Screen for the Granulosis Virus of the Codling Moth, *Cydia pomonella*, EPA File symbol: 58042-R, Product Name: SPECIFIC-T-1, PC Code: 129090

FROM: Anthony F. Maciorowski, Chief *[Signature]*
Ecological Effects Branch
Environmental Fate and Effects Division (H7507C)

TO: Phillip Hutton, PM 18 & Linda Hollis
Insecticide-Rodenticide Branch
Registration Division (H7505C)

The Tier 1 ecological effects data requirements of CFR 40 158.740, Table (d) Microbial pesticide nontarget organism and environmental data requirements for the granulosis virus (GV) of the codling moth, *Cydia pomonella*, are listed below with MRID numbers of the studies submitted by the applicant:

<u>Kind of data required:</u>	<u>Guideline reference No.</u>	<u>Study MRID No.</u>
Avian oral	154-16	42517207
Freshwater fish	154-19	42517208
Freshwater aquatic invertebrate	154-20	42517209
Nontarget plant	154-22	NONE
Nontarget insect	154-23	42517210
	154-23	42517211
	154-23	42517212
Honeybee	154-24	42517213

The submission needs nontarget plant studies or data waiver request to be complete enough to pass the screen. On superficial review, the studies submitted appear adequate, but comprehensive review may reveal deficiencies. The registrant should be informed that he/she should submit the data or a request for waiver of the nontarget plant studies (Guideline No. 154-22) with scientific rationale and/or references for the Agency to evaluate in regard to meeting all the requirements. This may be done by FAX for expediency if no confidential business information is included in FAX transmissions.

INERT INGREDIENT INFORMATION IS NOT INCLUDED

The proposed product label needs an EPA Establishment number. Under item 14 on the Confidential Statement of Formula, the upper and lower certified limits for [REDACTED] are apparently reversed. There are two PC Codes listed for the granulosis virus of the codling moth, 129090 for this submission, S435830, and 122201 for submission S423355. There should be only one PC Code. The previous submission has some confusion between granulosis and nuclear polyhedrosis viruses which differ. It is considered that both submissions refer to the granulosis virus of the codling moth unless additional information indicates otherwise.

A separate Data Package Record (Bean Sheet) is requested when comprehensive review of the data set is needed. A data submission or waiver request for the nontarget plant studies should be submitted by that time. (Review by R. Rose, 305-6752)

DP Barcode : D188394
PC Code No : 129090
EEB Out

06 APR 1993

To: Phillip Hutton, PM-18 & Linda Hollis
Insecticide-Rodenticide Branch
Registration Division (H7505C)

From: Anthony F. Maciorowski, Chief
Ecological Effects Branch
Environmental Fate and Effects Division (H7507C)

Attached, please find the EEB review of...

Reg./File # : 58042-R
Chemical Name : ~~Cydia~~ *Pomona* *granulosis* virus
Type Product : Microbial pesticide
Product Name : Specific-T-1
Company Name : Applicant:
Regents of the University of California
University of California at Berkeley
c/o Dr. Louis A. Falcon, Agent
Department of Entomological Sciences
201 Wellman Hall, Berkeley, CA 94720
Producer:
Association for Sensible Pest Control, Inc.
6200 Center Street, Suite 310
Clayton, Ca 94517
Purpose : New chemical screen
Action Code : 010 Date Due: 03/09/93
Reviewer : Robert I. Rose

EEB Guideline/MRID Summary Table: The review in this package contains an evaluation of the following:

<u>GDLN NO</u>	<u>MRID NO</u>	<u>CAT</u>	<u>GDLN NO</u>	<u>MRID NO</u>	<u>CAT</u>	<u>GDLN NO</u>	<u>MRID NO</u>	<u>CAT</u>
<u>154-16</u>	<u>42517207</u>		<u>154-22</u>	<u>NONE</u>		<u>154-23</u>	<u>42517212</u>	
<u>154-19</u>	<u>42517208</u>		<u>154-23</u>	<u>42517210</u>		<u>154-24</u>	<u>42517213</u>	
<u>154-20</u>	<u>42517209</u>		<u>154-23</u>	<u>42517211</u>				

Y=Acceptable (Study satisfied Guideline)/Concur

P=Partial (Study partially fulfilled Guideline, but additional information is needed)

S=Supplemental (Study provided useful information, but Guideline was not satisfied)

N=Unacceptable (Study was rejected)/Nonconcur

OTHER/COMMENTS/CONCLUSION: Needs nontarget plant studies or data waiver request to pass screen. On superficial review, the other studies appear adequate, but comprehensive review may reveal deficiencies. The registrant should be informed that he/she should submit data or a request for waiver of the nontarget plant studies (Gdln. No. 154-22) with scientific rationale and/or references. This may be done by FAX for expediency.