

EFFICACY REVIEW

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FILE OR REG. NO. 499-322

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED July 1, 1992

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

DATA ACCESSION NO(S). 423999-01; D180823; S422155; Case#010938; Action Code:310

PRODUCT MGR. NO. 13-LaRocca/LeMaster

PRODUCT NAME(S) Whitmire Avert[®] PT 300 Pressurized Bait

COMPANY NAME Whitmire Research Laboratories, Incorporated

SUBMISSION PURPOSE Provide performance data in form of reprint
article supporting effectiveness of abamectin
bait against pyrethroid-resistant cockroaches.

CHEMICAL & FORMULATION Abamectin B₁ [A mixture of avermectins con-
taining 80% avermectin B_{1a} (5-O-demethyl avermectin A_{1a} and 20%
avermectin B_{1b} (5-O-demethyl-25-de(1-methylpropyl)-25-(1-methylethyl)
avermectin A_{1a})] 0.01%

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession (MRID)
Number 423999-01, being in the form of a reprint article which meets
the requirements of § 95-11(b)(1)-(4) and (6) on p. 268 and the standard
of § 95-11(c)(3)(a) and (b) on pp. 270-1 of the Product Performance Guide-
lines with respect to laboratory testing of baits, are adequate to demon-
strate effectiveness of abamectin in bait form against resistant popula-
tions of the German cockroach obtained from several localities in which
resistant cockroach populations have been found, and to demonstrate effec-
tiveness of abamectin against pyrethroid-resistant cockroaches, thereby
establishing the addition of pyrethroid-resistant to the list of cockroach
strains resistant to commonly used household insecticides which the subject
product will control, to the label.

RL Vann L. McFarland, IRB