

US EPA ARCHIVE DOCUMENT

PRODUCT PERFORMANCE / EFFICACY REVIEW

Mark Suarez, Entomologist - IB

Mark ES
26 July 2007

DATE: 26 July 2007

EPA REG. NUMBER: 100-RETU

PRODUCT NAME: A 14797 Insecticide
REGISTRANT: Syngenta Crop Protection, Inc.

PM: George LaRocca, PM13
REVIEWER: Bonaventure Akinlosotu

DECISION #.: 373757
DP BARCODE: 336679

ACTION: R31

ACTIVE INGREDIENT(S): 128897, λ -cyhalothrin.....0.03%

TYPE: RTU Liquid Spray

OPPTS GUIDELINE(S): 810.1000
810.3000
810.3100
810.3500

MRIDs:

46455804	Cited	GLP? No
40942208	Cited	GLP? No
41387701	Cited	GLP? No
41910801	Cited	GLP? No
42102601	Cited	GLP? No
43858601	Cited	GLP? No
44191401	Cited	GLP? No
44760101	Cited	GLP? No
46530404	Cited	GLP? No
46275901	Cited	GLP? No

SITES & PESTS

Outdoors	Ants (incl. Carpenter Ants and Fire Ants)
	Centipedes
	Chiggers
	Cockroaches
	Fleas
	Mosquitoes
	Scorpions
	Spiders

Deer & Brown Dog Ticks
Termites

STUDY APPLICATION RATE (min): Variable

LABEL APPLICATION RATE (min): 0.03% Soln. applied qualitatively

**Transmittal Documents Cited
(Contain no Data)**

40591300
41910800
41931900
42102600
43858600
44191400
44760100
45241700
45735700
46275900

Irrelevant Studies Cited

40591303
41931908
41931909
45229501
45241701
45241702
45735701
45735702

STUDY SUMMARIES:

The cited studies were previously reviewed. The data contained within the relevant cited MRIDs were considered to support the application rate, sites, and pests listed on the label of the product for which the data were previously reviewed. Thus, the data were considered to support the same label claims on the subject registration. Because the subject formulation is an RTU spray and no quantitative application volumes are provided on the label, the concentration of active ingredient in the test and subject formulation must be equivalent (*i.e.*, 0.03%). The rate of application for the subject registration is acceptable (0.03% versus 0.5% diluted 2:128 or 4:128 with water).

ENTOMOLOGIST'S COMMENTS AND RECOMMENDATIONS:

The pests and minimum application rates listed on the proposed product label are generally acceptable, except as noted:

1. A claim against German cockroaches (up to 5 months) and crickets (up to 7 months), both on non-porous surfaces only, is acceptable based upon the data in MRID 46455804, which was found to support residual claims.
2. Residual data cited for other pests have been reviewed and found to support claims of up to 2 months. Remove claims exceeding 2 months, except as noted in #1 above.
3. Claims against termites must be clarified as follows:

Under the sections How to apply, revise to read "Apply as a coarse spray to thoroughly and uniformly wet ~~the infested~~ areas that are likely infested."

Enclosure
000100-0RETU S803944-ER