PRODUCT PERFORMANCE / EFFICACY REVIEW

Mark Suarez, Entomologist - IB

DATE:

26 July 2007

EPA REG. NUMBER:

100-RETU

PRODUCT NAME:

REGISTRANT:

A 14797 Insecticide

Syngenta Crop Protection, Inc.

PM:

REVIEWER:

George LaRocca, PM13

Bonaventure Akinlosotu

DECISION #.:

DP BARCODE:

373757

336679

ACTION:

R31

ACTIVE INGREDIENT(S):

128897, λ-cyhalothrin......0.03%

TYPE:

RTULiquid 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

1/01/11/C 26 July 2007

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	40591300
(Contain no Data)	41910800
	41931900
e e	42102600
	43858600
	44191400
a '	44760100
	45241700
	45735700
	46275900
Irrelevant Studies Cited	40591303
	41931908
	41931909
26	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