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



**OFFICE OF PREVENTION, PESTICIDE
AND TOXIC SUBSTANCES**

OPP OFFICIAL RECORD
HEALTH EFFECTS DIVISION
SCIENTIFIC DATA REVIEWS
EPA SERIES 361

MEMORANDUM

Date: 11 January 2010

SUBJECT: Tebufenozide – Special Local Need: The state of Louisiana is requesting that special local need SLN LA-990009 (Section 24C of FIFRA) which expired in 2007 be reinstated.

PC Code: 129026	DP Barcode: D372497
MRID No.: None	Registration No.: 62719-420
Petition No.: SLN LA09-0006	Regulatory Action: Sect. 24(c)
Assessment Type: Single Chemical, Aggregate	Registration Case No.: NA
TXR No.: None	CAS No.: None
Decision No.: D424826	40 CFR 180.494

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Background

The state of Louisiana submitted a Special Local Need (SLN) for Confirm 2F (EPA Reg. No. 62719-420). This petition was approved on September 17, 1999 (SLN LA-990009).

Subsequently in 2002 Dow AgroSciences purchased the registration from Rohm and Haas. After the transfer the Agency assigned the SLN the following number: LA-020006. This SLN expired in 2007.

The submitted petition (LA09/0006) requests reinstatement of the expired SLN. Confirm™ 2F would be used for the control of lepidopterous pests in pastures and rangeland. Confirm™ 2F is a flowable liquid concentrate (suspension) comprised of 23% ai.

In a previous decision USEPA recommended for a tolerance for grass and Non-Grass Animal Feed at 1.0 ppm (D270019; J. Redden; 23 Aug 2004).

In that document one violative residue (with respect to an expired rotational crop tolerance of 0.1ppm) of RH-1788 at 0.120 ppm was detected in soybean hay, and one violative residue (with respect to the expired rotational crop tolerance of 0.5@ ppm) of RH-1788 at 0.506 ppm was detected in wheat straw. Therefore, taking into account the **limited amount of data on rotational crops, the tolerance level for tebufenozide residues in/on forage, fodder, hay and straw of cereal grains was increased to 1.0 ppm**. Translating from the wheat/barley data in this residue study, the tolerance level for tebufenozide residues in/on forage, fodder, hay and straw of non-grass animal feeds, along with grass forage, fodder and hay were also raised to 1.0 ppm.

Table 1. Proposed and Recommended Tolerances for Tebufenozide		
Commodity	Tolerance Proposed by IR-4 (ppm)	Tolerance Recommended by ARIA (ppm)
Grass	0.5	1.0 ¹
Non-Grass Animal Feed	0.5	1.0 ¹

1. 40 CFR 180.482

The supplemental labeling for Confirm 2F recommends an application rate of 0.09 to 0.125 lb ai/acre with no more than two applications per season. In the previous cited document (D270019; J. Redden; 23 Aug 2004) for the 23% flowable liquid concentrate (i.e. Confirm 2F) the maximum single application rate was 0.25 lb ai per acre and the maximum annual application rate is 1 lb ai per acre per year.

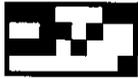
Conclusion

ARIA has concluded that it is unlikely based on this information that the residues for the proposed SLN would not exceed the established tolerance of 1.0 ppm for grass and non-grass animal feed.

Further, the additional uses are not likely to pose an unacceptable risk to the U.S. population, infants or children, or any other subgroup of concern. The toxicology and residue chemistry

databases are adequate to support the tolerances listed in Table 1 for grass, non-grass animal feed.

ARIA has no objections to granting this special local need request.



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Chemical Name: Tebufenozide

PC Code: 129026

HED File Code: 51100 RD Chemistry Reviews

Memo Date: 1/11/2010

File ID: 00000000

Accession #: 000-00-0134

HED Records Reference Center

1/15/2010