

MEMORANDUM

SUBJECT: PP# 3G04263. New Chemical - Fipronil in or on corn.
Request for Petition Method Validation. MRID# 429186-66.
Barcode D197451. Chemical No 129121. CBTS# 12927.

FROM: G.F. Kramer Ph.D., Chemist
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Chemistry Branch I, Tolerance Support
Health Effects Division (7509C)

THRU: D.F. Edwards Ph.D., Branch Chief
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TO: Donald A. Marlow, Chief
Analytical Chemistry Branch
Biological and Economics Analysis Division (7503C)

Rhône-Poulenc has submitted an application for an EUP and temporary tolerances for fipronil (5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(1R,S)-(trifluoromethyl)sulfinyl]-1H-pyrazole-3-carbonitrile) and its metabolites MB46136 (5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfonyl]-1H-pyrazole-3-carbonitrile) and MB45950 (5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)thio]-1H-pyrazole-3-carbonitrile) on corn. The petitioner has proposed the following tolerances for corn RACs (expressed as parent plus metabolites): Corn, Field, Grain - 0.02 ppm; Corn, Forage - 0.05 ppm; Corn, Fodder - 0.07 ppm.

On 3/16/94, CBTS sent a request to ACL to initiate a PMV of the proposed analytical enforcement method for fipronil and its metabolites. The registrant has recently informed us that they have improved this method to increase the recovery of metabolite MB45950. Submission of the revised method along with a new ILV is planned for this summer in conjunction with the Section 3 petition. CBTS thus requests that ACL postpone performing the ILV of the analytical method for fipronil until we receive a copy of the improved method.

cc: PP#3G04263, S.F., Kramer, circ., R.F., H. Hundley (ACB/BEAD),
C. Giles-Parker (PM22/RD)/D. Wilson, R.
RDI: P.V. Errico (4/14/94)
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