

EFFICACY REVIEW

DATE: IN 7-25-90 OUT 6-28-91

FILE OR REG. NO. 11556-RNT

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED June 29, 1990

DATE OF SUBMISSION June 20, 1990

DATE SUBMISSION ACCEPTED _____

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

DATA ACCESSION NO(S). None; D 163689 ; Record No. 266749 ; 5 ; Case# _____ ; Action Code: 180

PRODUCT MGR. NO. 15 - LaRocca/Hebert

PRODUCT NAME(S) Bayocide™ Pour-On Insecticide

COMPANY NAME Mobay Corporation, Animal Health Division

SUBMISSION PURPOSE Provide summaries of performance data in support of
claims for control of horn and face flies and biting
and sucking lice on cattle by pour-on application.

CHEMICAL & FORMULATION Cyfluthrin; cyano(4-fluoro-3-phenoxyphenyl) methyl-
3-(2,2-dichloroethenyl)-2,2-dimethyl cyclopropanecarboxylate 1.0%

(7.91 lbs. per gallon ready-to-use non-aqueous liquid in 1-pint
and 6-pint containers)

CONCLUSIONS & RECOMMENDATIONS The data summarized in the unaccessioned volume
entitled "Bayocide™ Pour-On Insecticide, Volume II - Data Summaries (Other
Material)" having been compiled from field testing conforming to requirements
of § 95-8(a)(1)-(4) on p. 255 and § 95-8(a)(5)(viii) on p. 256 and § 95-8(a)(7
and (8) on p. 258, and meeting the standard(s) of § 95-8(b)(1)(i)(B) and (iv) on
p. 259 of the Product Performance Guidelines, are adequate to support claims
"For Control of Horn Flies, Face Flies... on Beef and Dairy Cattle (Including
Lactating)"; the same volume contains summaries conforming to requirements
of aforementioned parts of § 95-8(a) and meeting the standard of § 95-8(b)(1)(v)(A)
on p. 259, are adequate to support claims "For Control of... Biting Lice and
Sucking Lice on Beef and Dairy Cattle (Including Lactating)" when the subject
product is carefully applied to the backline of animals according to the chart
based on weight. These data summaries also support the statements that flies
may be controlled by treatment at 3-week intervals or less often as the case
may be, and that for optimal lice control [especially for sucking lice], an
initial application followed by a second treatment 3 weeks later is recommended.

RL Vinn L. McFarland, IRB