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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

April 2, 2002

MEMORANDUM

SUBJECT: PP#'s 7F04924 and 7E04920. Clodinafop-propargyl (CGA-184927) and
Cloquintocet-mexyl (CGA-185072) on Wheat. Review of Revised Methods.

700099

DP Barcodes:	D271447	PRAT Case:	062124
Submission Nos.:	S590008 700099	Caswell No.:	None
Chemical Nos.:	125203 and 999999	Class:	Herbicide and Safener
Trade Name:	Discover™ Herbicide	EPA Reg. No.:	100-907
40 CFR:	180.559 and 180.560		
MRID Nos.:	45280101		

FROM: Nancy Dodd Chemist *Nancy Dodd*
Registration Action Branch 3
Health Effects Division (7509C)

THROUGH: Steve Dapson, Branch Senior Scientist *Stephen C Dapson*
Registration Action Branch 3
Health Effects Division (7509C)

04/02/2002

TO: Susan Stanton/Joanne Miller, PM Team #23
Herbicide-Fungicide Branch
Registration Division (7505C)

and

Treva Alston/Kerry Leifer, PM Team # 5
Minor Use, Inerts, and Emergency Response Branch
Registration Division (7505C)

Syngenta (formerly Novartis Crop Protection, Inc.) has submitted revised analytical methods (REM 138.01 and REM 138.10) for the herbicide clodinafop-propargyl (CGA-184927) and the safener cloquintocet-mexyl (CGA-185072) and their acid metabolites. Analytical method REM

138.01 determines the parents CGA-184927 and CGA-185072. Analytical method REM 138.10 determines the acid metabolite of clodinafop-propargyl (CGA-193469) and the acid metabolite of cloquintocet-mexyl (CGA-153433). Satisfactory method validations were conducted on wheat by EPA's Analytical Chemistry Branch for the methods REM 138.01 (MRID 44399211) and REM 138.10 (MRID 44755302). EPA indicated that the methods should be revised to include minor modifications which were listed by ACB in an EPA Addendum (D262416, Elmer Hayes, ACB, 6/22/00; and D267870, Nancy Dodd, HED, 8/8/00). In an e-mail to Nancy Dodd on 8/3/00, Elmer Hayes indicated that items #1, 4, 5, 6, and 8 in the EPA Addendum refer to REM 138.01 and items # 2, 3, 4, 5, 7, and 8 refer to REM 138.10.

CONCLUSION

EPA recommended that minor modifications be made to methods REM 138.01 and REM 138.10. Those modifications were listed in an EPA Addendum from ACB/BEAD. In MRID 45280101, Syngenta made changes to the methods REM 138.01 (Appendix 2) and REM 138.10 (Appendix 3) by reference to the EPA Addendum (Appendix 1).

RECOMMENDATION

EPA will send the revised methods REM 138.01 (Appendix 2) and REM 138.10 (Appendix 3) and the EPA Addendum (Appendix 1) from MRID 45280101 to FDA for inclusion of the methods as enforcement methods for clodinafop-propargyl and cloquintocet-mexyl in the Pesticide Analytical Manual, Volume II (PAM II).

cc: N. Dodd (810C), MTO File, PM#23, PM#5, RAB3 RF, M. Clower (FDA, HFS-335)

RDI: S. Dapson:3/27/02

7509C:RAB3:CM#2:Rm810C:305-5681:N. Dodd:nd:4/2/02



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Chemical:	Propanoic acid, 2-{4{(5-chloro-3-fluoro-; Acetic acid, {(5-chloro-8-quinolinyloxy
PC Code:	125203; 700099
HED File Code	11000 Chemistry Reviews
Memo Date:	04/02/2002
File ID:	DPD271447
Accession Number:	412-02-0282

HED Records Reference Center
05/22/2002