

4-18-95

DP Barcode : D209753  
PC Code No : 129081  
EEB Out :

To: Joanne Miller  
Product Manager 23  
Registration Division (7505C)

From: Anthony F. Maciorowski, Branch Chief  
Ecological Effects Branch/EFED (7507C)

Attached, please find the EEB review of...

Reg./File # : 279-GRUO  
Chemical Name : Sulfentrazone  
Type Product : Herbicide  
Product Name : Sulfentrazone 4F  
Company Name : FMC Corp.  
Purpose : New Chemical screen for use on Soybeans

Action Code : 010 Date Due : 12/09/94  
Reviewer : Bill Evans

EEB Guideline/MRID Summary Table: The review in this package contains an evaluation of the following:

GDLN NO	MRID NO	CAT	GDLN NO	MRID NO	CAT	GDLN NO	MRID NO	CAT
71-1(A)			72-2(A)			72-7(A)		
71-1(B)			72-2(B)			72-7(B)		
71-2(A)			72-3(A)			122-1(A)		
71-2(B)			72-3(B)			122-1(B)		
71-3			72-3(C)			122-2		
71-4(A)	433559-01		72-3(D)			123-1(A)	433454-11	
71-4(B)	433559-02		72-3(E)			123-1(B)	433454-12	
71-5(A)			72-3(F)			123-2	433454-13	
71-5(B)			72-4(A)			124-1		
72-1(A)			72-4(B)			124-2		
72-1(B)			72-5			141-1		
72-1(C)			72-6			141-2		
72-1(D)						141-5		

Y=Acceptable (Study satisfied Guideline)/Concur

P=Partial (Study partially fulfilled Guideline but additional information is needed)

S=Supplemental (Study provided useful information but Guideline was not satisfied)

N=Unacceptable (Study was rejected)/Nonconcur



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

APR 18 1995

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES  
(DP Barcode)

SUBJECT: New Chemical Screen for Sulfentrazone  
D209753)  
PC Code #: 129081

FROM: *for* Anthony F. Maciorowski, Branch Chief  
Ecological Effects Branch  
Environmental Fate and Effects Division (7507 C) *4/11/95*

TO: Joanne Miller, PM 23  
Herbicide Branch  
Registration Division (7505 C)

The Ecological Effects Branch (EEB) reviewed the subject package on October 6, 1994 to determine acceptability for scientific review. The review indicated that four additional aquatic plant studies would be required for the new chemical to pass the new chemical screen. The proposed use pattern for this chemical is a herbicide for use on soybeans at a maximum use rate of 0.375 lb ai/A in one year. It may be applied as a preplant incorporated or preemergence treatment by ground equipment only. Treatments may be broadcast or banded.

In a letter dated November 21, 1994 FMC Corporation indicated that the required studies had been initiated on November 14, 1994, and requested that the chemical be considered for full registration while the tests were being performed.

At the Registration Division's request the EEB agreed to pass the screen and put this chemical into review with the understanding that the risk assessment for this review would exclude the reviews of the missing aquatic plant studies.



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Therefore, for screening purposes this new chemical passes the new chemical screen. It should also be noted that the terrestrial plant studies (MRID #s 433454-11, 433454-12, and 433454-13) were returned with the previous failing of the screen. In addition, the package also contained two (2) avian reproduction studies (MRID #s 433559-01 and 433559-02). In this regard the EEB would appreciate you sending up these studies with a bean sheet and schedule for completion. **This completion date should be scheduled at least one month after the projected receipt of the EFGWB review.**

If there are any questions concerning this review please contact Bill Evans at of my staff on 305-6754.