

Feb 6, 1998  
FEB 6

Ms. Karen S. Stumpf  
Novartis Crop Protection, Inc.  
P.O. Box 18300  
Greensboro, NC 27419-8300

7-25-98  
823/3007

Dear Ms. Stumpf:

Subject: CGA-77102 Technical  
EPA Registration No. 100-815  
Dual Magnum® Herbicide  
EPA Registration No. 100-816  
Your Letters Dated January 20, and January 29, 1998,  
Request for Conditional Registration without  
Expiration Date

In response to your request that the subject Alpha  
Metolachlor products be amended by deleting the expiration  
date of February 14, 1998, the status of these two (2) products  
has been reassessed and found acceptable for conditional  
registration under the Federal Insecticide, Fungicide and  
Rodenticide Act as amended with the data gaps and dates for  
submission of the required data listed as follows:

EPA Guideline Nos.                      Date for Submission of Data

Toxicology Data

- 85-1 Rat Metabolism Study,                      February 6, 2000
- 82-1(c) Two (2) Studies,  
Subchronic, Side  
by Side with Technical  
CGA77102 and with Technical  
Metolachlor, Respectively,                      May 6, 1999

Ecological Effects

- \*\*71-4(a) Avian Reproduction Study,  
Mallard Duck, See Review  
Dated 04-11-97,                      February 6, 2000
- \*\*71-4(b) Avian Reproduction Study,  
Bobwhite Quail, See  
Review Dated 04-11-97,                      February 6, 2000

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- 72-3(a) Acute Fish, Sheepshead Minnow Study, February 6, 1999
- 72-3(b) Acute mollusk, C. virginica Study, February 6, 1999
- \*72-3(c) Acute Mysid Shrimp Study, (The Mysidopsis bahia (Bay Shrimp), Study Reviewed 04-11-97 Was Invalid.), February 6, 1999
- 72-4(a) Fathead Minnow Life-Cycle and Early Life Stage Study, May 6, 1999
- 72-4(b) Daphnia 21-Day Flow-Thru Studies, May 6, 1999

\* Pending review of June 16, 1997 Response.  
 \*\* Pending review of data Submitted May, 1996.

Environmental Fate: (Data Gaps Listed in Agency's Review Dated April 22, 1997)\*

- 161-2 Photodegradation in Water, November 6, 1998
- 161-3 Photodegradation in Soil, November 6, 1998

Metabolism Studies (Lab)

- 162-1 Aerobic Soil, May 6, 2000
- 162-2 Anaerobic Soil, May 6, 2000
- 162-3 Anaerobic Aquatic, May 6, 2000
- 162-4 Aerobic Aquatic, May 6, 2000

- 164-1 Dissipation Studies (field) Soil, Terrestrial & Turf, May 6, 2000

- 201-1 Spray Drift Studies Droplet Size Spectrum, February 6, 2000
- 202-1 Spray Drift Field Evaluation, February 6, 2000

\*Novartis states that they responded to these data gaps on April 28, 1997. Their response is pending Agency review.

CONCURRENCES

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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of these two (2) pesticide products after February 14, 1998 constitutes acceptance of these conditions.

Sincerely yours,

Joanne I. Miller  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505C)

E.Wilson Diskette Metolachlor: 02-06-98

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