

1-EEB-15B
4/14/00

MRID No. 449317-21

**DATA EVALUATION RECORD
EARTHWORM TOXICITY TEST**

1. **CHEMICAL:** Metolachlor PC Code No.: 108801
2. **TEST MATERIAL:** CGA-354743 (metolachlor metabolite)- 92% pure
3. **CITATION:**

Author: M.P. Candolfi
Title: CGA 354743: 14-Day Acute Toxicity Test
with the Earthworm (*Eisenia foetida*)
Based on the OECD Guideline #207
Study Completion Date: February 3, 1997
Laboratory: Springborn Laboratories (Europe) AG,
Horn, Switzerland
Laboratory Report ID: 97-162-1008
Sponsor: Novartis Crop Protection, Inc.,
Greensboro, NC
MRID No.: 449317-21
DP Barcode: D260421

4. **REVIEWED BY:** Mark A. Mossler, M.S., Toxicologist,
Golder Associates Inc.

Signature: *Mark A. Mossler*

Date: 4/13/00

APPROVED BY: Pim Kosalwat, Ph.D., Senior Scientist,
Golder Associates Inc.

Signature: *P. Kosalwat*

Date: 4/13/00

5. **APPROVED BY:** Brian Montague, USEPA

Signature:

Date:

6. **STUDY PARAMETERS:**

Scientific Name of Test Organism: *Eisenia foetida*
Age of Test Organisms at Test Initiation: ≥2 months
Definitive Study Duration: 14 days

7. **CONCLUSIONS:** This study is scientifically sound and provides supplemental information pertaining to the toxicity of metolachlor and associated degradates. Based on nominal concentration, the 14-day LC_{50} was >920 mg ai/kg dry soil. The NOEC was determined to be 920 mg ai/kg dry soil.

1/1