

Rodríguez Arnaiz, Rosario; Ramos Morales, Patricia; Gaytán Oyarzún, Juan Carlos;
Rodríguez Zúñiga, Dora Lydia; Zimmering, Stanley
The herbicides dalapon and diuron tested for genotoxicity in *Drosophila melanogaster*
Revista Internacional de Contaminación Ambiental, vol. 5, núm. 1, 1989, pp. 59-64
Universidad Nacional Autónoma de México
Distrito Federal, México

Available in: <http://www.redalyc.org/articulo.oa?id=37050105>

Abstract

The herbicides dalapon and diuron, used in large quantities in Mexico, were evaluated for genotoxicity in *Drosophila melanogaster*. Tests for the induction of sex-linked recessive lethals were carried out with both compounds. With diuron only, a test for sex chromosome loss using a repair deficient system was carried out in addition. Under the conditions of experiments, dalapon proved negative and diuron positive in the recessive lethal test. The results obtained for the sex chromosome loss test are largely negative. There is no indication of a true genotoxic effect of diuron in this assay.

- ▶ How to cite
- ▶ Complete issue
- ▶ More information about this article
- ▶ Journal's homepage in redalyc.org