

## Dieldrin Publications Rejected as Not Acceptable for Plants and Invertebrates

Published literature that reported soil toxicity to terrestrial invertebrates and plants was identified, retrieved and screened. Published literature was deemed Acceptable if it met all 11 study acceptance criteria (Fig. 3.3 in section 3 “DERIVATION OF PLANT AND SOIL INVERTEBRATE ECO-SSLs” and ATTACHMENT J in Standard Operating Procedure #1: Plant and Soil Invertebrate Literature Search and Acquisition ). Each study was further screened through nine specific study evaluation criteria (Table 3.2 Summary of Nine Study Evaluation Criteria for Plant and Soil Invertebrate Eco-SSLs, also in section 3 and ATTACHMENT A in Standard Operating Procedure #2: Plant and Soil Invertebrate Literature Evaluation and Data Extraction, Eco-SSL Derivation, Quality Assurance Review, and Technical Write-up.) Publications identified as Not Acceptable did not meet one or more of these criteria. All Not Acceptable publications have been assigned one or more keywords categorizing the reasons for rejection ( Table 1. Literature Rejection Categories in Standard Operating Procedure #4: Wildlife TRV Literature Review, Data Extraction and Coding).

<b>OM, pH</b>	Abul-Nasr, S. and Assem, M. A. H. 1968. Chemical control of the bean fly <i>melanagromyza-phaseoli</i> diptera agromyzidae. Bull.Entomol.Soc.Egypt Econ.Ser. 2, 151-159
<b>No Dose</b>	Agarwal, H. C., Yadav, D. V., and Pillai, M. K. 1978. Metabolism of 14C-DDT in <i>Pheretima posthuma</i> and Effect of Pretreatment with DDT, Lindane, and Dieldrin. Bull Environ Contam Toxicol 19[3], 295-299
<b>No Dur</b>	Agnihotri, N. P., Pandey, S. Y., Jain, H. K., and Srivastava, D. P. 1977. Persistence of Aldrin, Dieldrin, Lindane, Heptachlor, and p,p'-DDT in Soil. J Entomol Res 1, 89-91
<b>OM, pH</b>	Ahmad, S. and Das, Y. T. 1978. Japanese beetle grubs dosage mortality response and symptoms of poisoning following topical treatments with chlorpyrifos and dieldrin. J Econ Entomol 71[6], 939-942
<b>OM, pH</b>	Akhtar, M. S. and Saleem, M. 1993. Toxicity of Insecticides Against <i>Coptotermes heimi</i> (Wasmann) (Isoptera: Rhinotermitidae). Pak.J.Zool. 25[2], 139-142
<b>No Control</b>	Anderson, J. P. E., Lichtenstein, E. P., and Whittingham, W. F. 1970. Effect of <i>Mucor alternans</i> on the Persistence of DDT and Dieldrin in Culture and in Soil. J Econ Entomol 63, 1595-1599
<b>OM, pH</b>	Barrows, H. L., Caro, J. H., Armiger, W. H., and Edwards, W. M. 1969. Contribution Of Aerial Contamination To The Accumulation Of Dieldrin By Mature Corn Plants. Environ.Sci.Technol. 3[3], 261-263
<b>No Dose</b>	Beall Jr, M. L. and Nash, R. G. 1972. Insecticide Depth In Soil-Effect On Soybean Uptake In The Greenhouse. J.Environ.Qual. 1[3], 283-288
<b>No Dose</b>	Beall, J. and Nash, R. G. J. 1971. Organochlorine Insecticide Residues In Soybean Plant Tops: Roots Vs. Vapor Sorption. Agron.J. 63[3], 460-464
<b>No ERE</b>	Beall, Jr M. L. and Nash, R. G. 1969. Crop Seedling Uptake Of DDT, Dieldrin, Endrin And Heptachlor From Soils. Agron.J. 91[4], 571-575
<b>No Control</b>	Beestman, G. B., Keeney, D. R., and Chesters, G. 1969. Dieldrin Translocation and Accumulation in Corn. Agron J. 61, 390-392

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<b>OM, pH</b>	Begg, J. A., Plummer, P. J. G., and Konst, H. 1960. Insecticide Residues in Potatoes After Soil Treatment for Control of Wireworms. <i>Can.J.Plant Sci.</i> 40, 680-689
<b>Rev</b>	Belfroid, A. C., Sijm, D. T. H., and Van, Gestel C. A. 1996. Bioavailability And Toxicokinetics Of Hydrophobic Aromatic Compounds In Benthic And Terrestrial Invertebrates. <i>Environmental Reviews</i> 4[4], 276-299
<b>No Control</b>	Beyer, W. N. and Gish, C. D. 1980. Persistence in earthworms and potential hazards to birds of soil applied ddt dieldrin and heptachlor. <i>Journal of Applied Ecology</i> 17[2], 295-307
<b>OM, pH</b>	Beyer, W. N. and Krynitskky, J. 1989. Long-Term Persistence of Dieldrin, DDT and Heptachlor Epoxide in Earthworms. <i>Ambio</i> 18[5], 270-273
<b>No Control</b>	Bhattacharya, R. and Douglas, L. A. 1997. Dieldrin Uptake from a Contaminated Haplustox by Glasshouse-Grown Plants. <i>Soil Sci.Plant Nutr.</i> 43, 1037-1039
<b>OM, pH</b>	Bhatti, D. S. 1967. Chemical control of the gujhia weevil <i>tanymecus-indicus curculionidae</i> coleoptera wheat-m bhc aldrin dieldrin heptachlor chlordane parathion insectic. <i>J Res Punjab Agr Univ</i> 4[3], 409-414
<b>No Dose</b>	Bieske, G. C. and Chapman, L. S. 1966. Residual Effects of Soil Insecticides on Legume Growth. <i>Proc.Queensland Soc.Sugar Cane Technol.</i> 33, 125-127
<b>No COC</b>	Bruce, W. N. and Decker, G. C. 1966. Insecticide Residues In Soybeans Grown In Soil Containing Various Concentrations Of Aldrin, Dieldrin, Heptachlor, And Hetachlor Epoxide. <i>J.Agr.Food Chem.</i> 14[4], 395-398
<b>No COC</b>	Bruce, W. N., Deciker, G. C., and Luckmann, W. H. 1967. Residues of Dieldrin and Heptachlor-Epoxide Found in Pumpkins Growing on Soil Treated with Aldrin and Heptachlor. <i>J.Econ.Entomol.</i> 60, 707-709
<b>Rev</b>	Caro, J. H. 1969. Accumulation by Plants of Organochlorine Insecticides from the Soil. <i>Phytopathology</i> 59, 1191-1197
<b>No Dose</b>	Caro, J. H. and Taylor, A. W. 1971. Pathways of Loss of Dieldrin from Soils Under Field Conditions. <i>J.Agric.Food Chem.</i> 19[2], 379-384
<b>Mix</b>	Caro, J. H. 1971. Accumulation of Dieldrin and Heptachlor on Corn Leaves in and Around

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	a Treated Field. J.Agric.Food Chem. 19[1], 78-80
<b>No Data</b>	Caro, J. H., Edwards, W. M., glass, B. L., and Frere, M. H. 1972. Dieldrin in runoff from Treated Watersheds. In: Interdisciplinary Aspects of Watershed Management, New York: Am.Soc.Civil Eng. 141-160
<b>Rev</b>	Caro, J. H., Taylor, A. W., and Freeman, H. P. 1976. Comparative Behavior Of Dieldrin And Carbofuran In The Field. Arch.Enviro.n.Contam.Toxicol.3(4): 437-447; 1976.(11 references) 3[4], 437-447
<b>Media</b>	Coleman, G. R. and Baker, J. M. 1974. Resistance to dieldrin and gamma bhc in the wood boring insect minthea-rugicollis coleoptera lyctidae. Int Biodeterior Bull 10[4], 115-116
<b>Not Avail</b>	Cotner, R. C. 1968. The Accumulation of Dieldrin in Field-Grown Forage Plants 16285. M.S.Thesis, Pennsylvania University , 43
<b>No Dose</b>	Cullen, M. C. and Connell, D. W. 1994. Pesticide Bioaccumulation In Cattle. Ecotoxicol.Enviro.n.Saf. 28[3], 221-231
<b>Species</b>	Das, M., Srivasta., S. P., Khamre, J. S., and Deshpand., L. B. 1986. Susceptibility of DDT, Dieldrin and Malathion Resistant Anopheles-culicifacies Populations to Deltamethrin. J Am Mosq Control Assoc 2[4], 553-555
<b>No ERE</b>	Davis, B. N. K. 1971. Laboratory Studies on the Uptake of Dieldrin and DDT by Earthworms. Soil Biol Biochem 3, 221-233
<b>No Dose</b>	Davis, B. N. K. 1974. Levels Of Dieldrin In Dressed Wheat Seed After Drilling And Exposure On The Soil Surface. Environ.Pollut. 7[4], 309-317
<b>Rev</b>	Davison, K. L. 1978. Dieldrin Elimination from Animal Tissues. In: Disposal and Decontamination of Pesticides, Chapter 12 , 141-144
<b>Rev</b>	Deubert, K. H. 1971. Dieldrin on and Around Cranberry Bogs. Mass.Agric.Exp.Stn.Bull. 593, 3-19
<b>Media</b>	Drewes, C. D., Vining, E. P., and Callahan, C. A. 1984. Non-Invasive Electrophysiological Monitoring: A Sensitive Method For Detecting Sublethal Neurotoxicity In Earthworms. Environ Toxicol Chem 3[4], 599-607

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<b>Media</b>	Drewes, C. D. and Vining, E. P. 1984. In Vivo Neurotoxic Effects Of Dieldrin On Giant Nerve Fibers And Escape Reflex Function In The Earthworm, Eisenia foetida. Pestic Biochem Physiol 22[1], 93-103
<b>Abstract</b>	Drewes, C. D. and Vining, E. P. 1984. In-Vivo Neurotoxic Effects Of Dieldrin On Earthworm Eisenia-Foetida Escape Reflex Function. Meeting On Pyrethroids And Neuroactive Pesticides Held At The 3rd International Conference On Neurotoxicology Of Selected Chemicals, Little Rock, Arkansas, Usa, Sept.9-12, 1984.Neurotoxicology; 5 (4).1984 (Recd.1985). 77-78
<b>Rev</b>	Drewes, C. D., Vining, E. P., and Callahan, C. A. 1988. Electrophysiological Detection of Sublethal Neurotoxic Effects in Intact Earthworms. In: C.A.Edwards and E.F.Neuhauser (Eds.), Earthworms in Waste and Environmental Management, SPB Academic Publ., The Hague, Netherlands , 355-366
<b>FL</b>	Ebing, W. and Haque, A. 1984. The Earthworm As The Key Organism In The Monitoring Of Soil Pollution Induced By Foreign Chemicals. Ber Landwirtschaft 62[2], 222-255
<b>OM, pH</b>	El Nahal, A. K. M., Zazou, H. M., and Bishara, M. A. 1971. Chemical control of the rice leaf miner hydrellia-sp diptera ephydridae. Bull.Entomol.Soc.Egypt Econ.Ser. 5[1], 19-22
<b>No Control</b>	Eno, C. F. and Everett, P. H. 1958. Effects of Soil Applications of 10 Chlorinated Hydrocarbon Insecticides on Soil Microorganisms and the Growth of Stringless Black Valentine Beans. Soil Sci.Soc.Am.Proc. 22, 235-238
<b>No Dose</b>	Fahey, J. E., Rodriguez, J. G., Rusk, H. W., and Chaplin, C. E. 1962. Chemical Evaluation of Pesticide Residues on Strawberries. J Econ Entomol 55[2], 179-184
<b>Species</b>	Food and Drug Administration, U. S. 1978. Administrative Guideline 7420.08, Attachment A, October 5.
<b>No Control</b>	Frank, R., Montgomery, K., Braun, H. E., Berst, A. H., and Loftus, K. 1974. DDT and Dieldrin in Watersheds Draining the Tobacco Belt of Southern Ontario. Pestic.Monit.J. 8[3], 184-201
<b>OM, pH</b>	Gambrell, F. L., Tashiro, H., and Mack, G. L. 1968. Residual activity of chlorinated hydrocarbon insecticides in permanent turf for european chafer control amphimallon-majalis ddt chlordane lindane heptachlor aldrin dieldrin insectic. J Econ Entomol 61[6],

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1508-1511

<b>OM, pH</b>	Ganguli, R. N. and Ghosh, M. R. 1968. <i>Dorylus-orientalis formicidae</i> hymenoptera a pest of potato-d solanum-tuberosum-d in tripura. <i>Indian Agr</i> 12[1], 54-57
<b>Rev</b>	Geyer, H. J., Scheunert, I., Rapp, K., Gebefugi, I., Steinberg, C., and Kettrup, A. 1993. The Relevance of Fat Content in Toxicity of Lipophilic Chemicals to Terrestrial Animals with Special Reference to Dieldrin and 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD). <i>Ecotoxicol Environ Saf</i> 26, 45-60
<b>No Dose</b>	Gile, J. D. and Gillett, J. W. 1979. Fate of selected fungicides in a terrestrial laboratory ecosystem. <i>Journal of Agricultural and Food Chemistry</i> 27[6], 1159-1164
<b>No Control</b>	Gile, J. D. and Gilbert, J. W. 1981. Transport and fate of organo phosphate insecticides in a laboratory model ecosystem. <i>Journal of Agricultural and Food Chemistry</i> 29[3], 616-621
<b>No Dose</b>	Gile, J. D., Collins, J. C., and Gillett, J. W. 1982. Fate and Impact of Wood Preservatives in a Terrestrial Microcosm. <i>J.Agric.Food Chem.</i> 30[2], 295-301
<b>No Dose</b>	Gill, B. S. and Sandhu, S. S. 1992. Application of the <i>tradescantia</i> micronucleus assay for the genetic evaluation of chemical mixtures in soil and aqueous media. <i>Mutation Research</i> 270[1], 65-69
<b>No Dose</b>	Gillett, J. W., Russell, L. K., and Gile, J. D. 1983. Predator prey vole cricket interactions effects of wood preservatives. <i>Environ Toxicol Chem</i> 2[1], 83-93
<b>OM, pH</b>	Gish, C. D. and Hughes, D. L. 1982. Residues of DDT, Dieldrin, and Heptachlor in Earthworms During Two Years Following Application 42050. <i>U.S.Fish Wildl Serv Spec Sci Rep</i> 0 241 , 1-16
<b>Media</b>	Gostick, K. G. and Baker, P. M. 1968. Dieldrin insectic resistant carrot-d fly in england <i>psila-rosae</i> aldrin insectic gamma bhc insectic. <i>Plant Pathol</i> 17[4], 182-183
<b>No COC</b>	Gould, H. J. and Mayor, J. G. 1975. Alternative seed treatments to dieldrin for the control of bean seed fly <i>delia</i> -spp. <i>Plant Pathol</i> 24[4], 245-246
<b>OM, pH</b>	Griffiths, D. C., Jeffs, K. A., Scott, G. C., Maskell, F. E., and Roberts, P. F. 1976. Relationships between control of wheat bulb fly <i>leptohylemyia-coarctata</i> and amounts of

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	dielddrin carbophenothion and chlorfenvinphos on treated seed. Plant Pathol.(Lond.) 25[1], 1-12
<b>Rev</b>	Gunn, D. L. 1975. General Introduction Some Environmental and Toxicological Perspectives. Part 1. Uses and Abuse of DDT and Dieldrin. D.E.Hathway (Ed.), Specialist Periodical Report, Foreign Compound Metabolism in Mammals, Volume 3, The Chemical Society Illustrator, London, England: 1-82
<b>FL</b>	Hankawa, Y. 1971. Residues of organochlorine in crops and soil by electron-capture gas chromatography. I. Residues of aldrin and dieldrin in each organ of potato plant at several growing stages in spring cultivation. Chugoku Nogyo Kenkyu 43, 49-50
<b>FL</b>	Hankawa, Y. 1973. Residues of organochlorine insecticides in crops and soil. II. Residues of aldrin, dieldrin, and endrin in cucumbers at early and late harvesting stages. Chugoku Nogyo Kenkyu 46, 61-63
<b>Not Avail</b>	Hankawa, Y. 1980. Studies on Residues of Organochlorine Insecticides in Crops and Soils. Report 1. Residues of Aldrin and Dieldrin in Potatoes in Various Growing Seasons and in Various Organs, Particularly on Those Cultivated in Spring 12324. Hiroshima-Kenritsu Nogyoshikenjo Kenkyu Gyosekishu (Rep.Hiroshima Prefect.Agric.Exp.Stn.) 3: 60 1980
<b>FL</b>	Hankawa, Yoshiyuki and Sakai, Yasufumi. 1975. Use of carbon for reducing the uptake of aldrin and dieldrin residues in soil by crop plants and its effect on insect and weed control. Hiroshima-Kenritsu Nogyo Shikenjo Hokoku 36, 77-86
<b>No Control</b>	Hardee, D. D., Gutenmann, W. H., Lisk, D. J., Gyrisco, G. G., and Edmonds, C. M. 1964. Zonal Accumulation of Dieldrin in Soil and Alfalfa Residues. J.Econ.Entomol. 57, 583-585
<b>pH</b>	Harris, C. R. and Sans, W. W. 1972. Behavior Of Dieldrin In Soil: Microplot Field Studies On The Influence Of Soil Type On Biological Activity And Absorption By Carrots. J-Econ-Entomol 65[2], 333-335
<b>Species</b>	Harris, E. C. 1977. A Long Term Field Trial of gamma-HCH/Dieldrin Smoke Against Death Watch Beetle (Xestobium rufovillosum) in an Ancient Oak Roof. Int Biodeterior Bull 13[3], 61-65
<b>Rev</b>	Hodge, H. C., Boyce, A. M., Deichmann, W. B., and Kraybill, H. F. 1967. Toxicology and

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No-Effect Levels of Aldrin and Dieldrin. *Toxicol Appl Pharmacol* 10, 613-675

- Media** Howick, C. D. and Creffield, J. W. 1981. Laboratory bioassays to compare the efficacy of chlorpyrifos and dieldrin in protecting wood from termites. *Int.Pest Control* 23[2], 40-42
- Media** Humphrey, B. J. and Dahm, P. A. 1976. Chlorinated Hydrocarbon Insecticide Residues in Carabidae and the Toxicity of Dieldrin to *Pterostichus chalcites*. *Environ Entomol* 5, 729-734
- Media** Humphrey, B. J. and Dahm, P. A. 1976. Chlorinated hydro carbon insecticide residues in carabidae and the toxicity of dieldrin to *pterostichus-chalcites*. *Environ Entomol* 5[4], 729-734
- OM, pH** Jefferies, D. J. and Davis, B. N. K. 1968. Dynamics of Dieldrin in Soil, Earthworms, and Song Thrushes. *J Wildl Manage* 32, 441-456
- FL** Kagan, F. and Studzinski, A. 1967. Control of *Hylemyia brassicae* Using Dieldrin and DDT Preparations with Different Methods of Protection of Cauliflower-D in the Year 1965 (Zwalczanie Smietki Kapuszcianej (*Hylemyia* (*Phorbia*) *Brassicae* Bouche) na Plantacjach Kalafiorow Preparatami Dieldrynowymi i DDT za Pomoca Roznych Metod w 1965 Roku). *Pr.Nauk.Inst.Ochr.Rosl.* 9[1], 137-147 (POL)
- Review** Kalra, R. L. and Chawla, R. P. 1981. Impact of pesticidal pollution in the environment. *J Bombay Nat Hist Soc* 78[1], 1-15
- OM, pH** Kapoor, K. N., Gujrati, J. P., and Gangrade, G. A. 1975. Chemical control of soybean leaf miner *stomopteryx-subsecivella lepidoptera gelechiidae*. *Indian J Entomol* 37[3], 286-291
- No COC** Kawahara, T. 1971. Organochlorine Pesticide Residues in Agricultural Products and Soil. Part 12. Absorption and Translocation in Turnip of Aldrin and Dieldrin. *Noyaku Kensasho Hokoku /Bull.Agric.Chem.* 11, 81-86 (JPN) (ENG ABS)
- FL** Kilzer, L., Detera, S., Weisgerber, I., and Klein, W. 1974. Contributions To Ecological Chemistry Part 77. Distribution And Metabolism Of The Aldrin-Dieldrin Metabolite Trans-4,5-Dihydroxy-4,5- Dihydroaldrin-(Sup)14c In Lettuce Plants And Soil. *Chemosphere* 3[4], 143-148
- No Control** Kinoshita, G. B., Harris, C. R., Svec, H. J., and Mcewen, F. L. 1978. Laboratory and field

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studies on the chemical control of the crucifer flea beetle *phyllostreta-cruciferae coleoptera chrysomelidae* on cruciferous crops in ontario canada. *Can Entomol* 110[8], 795-804

<b>Media</b>	Ko, W. H. J. and Lockwood, J. L. J. 1970. Transfer Of 32-P And Dieldrin Among Selected Microorganisms In Soil. <i>Rev.Ecol.Biol.Sol.</i> 7[4], 465-470
<b>No Dur</b>	Lee, D. F. 1968. Pesticide Residues In Foodstuffs In Great Britain. IX. Aldrin, Dieldrin And Other Organochlorine Pesticide Residues In Potatoes And Carrots. <i>J.Sci.Food Agr.</i> 19[12], 701-705
<b>No Dose</b>	Lemon, E., Parmele, L. H., and Taylor, A. W. 1972. Micrometeorological Measurement Of Pesticide Vapor Flux From Bare Soil And Corn Under Field Conditions. <i>Water Air Soil Pollut</i> 1[4], 433-451
<b>Media</b>	Lichtenstein, E. P., Schulz, K. R., Fuhremann, T. W., and Liang, T. T. 1970. Degradation of Insecticides in Field Soils During a Ten-Year Period. Tranlocation into Crops. <i>J.Agric.Food Chem.</i> 18[1], 100-106
<b>No Control</b>	Lord, K. A., Briggs, G. G., Neale, M. C., and Manlove, R. 1980. Uptake of Pesticides from Water and Soil by Earthworms. <i>Pestic.Sci.</i> 11, 401-408
<b>OM, pH</b>	Luckmann, W. H. 1960. Increase of European Corn Borers Following Soil Application of Large Amounts of Dieldrin. <i>J Econ Entomol</i> 53, 583-584
<b>OM, pH</b>	Luckmann, W. H. and Decker, G. C. 1960. A 5-Year Report of Observations in the Japanese Beetle Control Area at Sheldon, Illinois. <i>J Econ Entomol</i> 54[5], 821-827
<b>Media</b>	Maccauley, B. J. 1979. Biodegradation of litter in <i>Eucalyptus pauciflora</i> communities. II. Fungal succession in fungicide- and insecticide-treated leaves. <i>Soil Biol.Biochem.</i> 11[2], 175-179
<b>Mix</b>	MacMonegle, C. W. J., Steffey, K. L., and Bruce, W. N. 1984. Dieldrin, Heptachlor, And Chlordane Residues In Soybeans In Illinois 1974, 1980. <i>J-Environ-Sci-Health B</i> 19[1], 39-48
<b>Media</b>	Malhotra, C. P. and Katiyar, R. N. 1979. Chemical control of the lac predator <i>eublemma-amabilis</i> 2. Relative toxicity of various insecticides against predatory caterpillars. <i>Indian J Entomol</i> 41[2], 187-190



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<b>Media</b>	Matsumura, F. and Boush, G. 1967. Dieldrin: Degradation by Soil Microorganisms. Science 156[3777], 959-961
<b>Media</b>	Matsumura, F., Boush, G. M., and Tai, A. 1968. Breakdown of Dieldrin in the Soil by a Micro-organism. Nature London 219[5157], 965-967
<b>Media</b>	Mckinlay, K. S. 1969. Grasshopper control laboratory testing as a means of evaluating field performance melanoplus-sanguinipes dursban dibrom malathion dieldrin ciba-9643 dimethoate insectic. Can Entomol 101[2], 159-163
<b>Species</b>	Merino, G., Vazquez, V., and Soria, S. 1968. Efficacy of 9 insecticides in the fight against epitrix-sp coleoptera chrysolmelidae in potato-d plantations in ecuador ddt dieldrin aldrin malathion sevin toxaphene diazinon methoxychlor dipterech insectic. Turrialba 18[1], 68-70
<b>Media</b>	Moriarty, F. 1968. The Toxicity and Sub-Lethal Effects of p,p'-DDT and Dieldrin to Aglais urticae (L.) (Lepidoptera: Nymphalidae) and Chorthippus brunneus (Thunberg) (Saltatoria: Acrididae). Ann.Appl.Biol. 62, 371-393
<b>No Dose</b>	Morley, H. V. and Chiba, M. 1965. Dieldrin Uptake from Soil by Wheat Plants. Can.J.Plant Sci. 45, 209-210
<b>Species</b>	Muller, P., Nagel, P., and Flacke, W. 1981. Ecological Side Effects of Dieldrin Application Against Tsetse Flies in Adamaoua, Cameroon. Oecologia 50[2], 187-194
<b>No Dose</b>	Mumma, R. O., Wheeler, W. B., Frear, D. E. H., and Hamilton, R. H. 1966. Dieldrin: Extraction of Accumulations by Root Uptake. Science 152, 530-531
<b>No Dur</b>	Nair, A., Dureja, P., and Pillai, M. K. K. 1991. Levels Of Aldrin And Dieldrin In Environmental Samples From Delhi, India. Sci.Total Environ. 108[3], 255-259
<b>No ERE</b>	Nash, R. G. 1968. Plant Absorption of Dieldrin, DDT, and Endrin from Soils. Agron.J. 60, 217-219
<b>No ERE</b>	Nash, R. G. and Harris, W. G. 1973. Chlorinated hydro carbon insecticide residues in crops and soil. J Environ Qual 2[2], 269-273
<b>NO ERE</b>	Nash, R. G. 1983. Distribution of butylate, heptachlor, lindane, and dieldrin emulsifiable concentrated and butylate microencapsulated formulations in microagro ecosystem chambers

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45421. J.Agric.Food Chem. 31[6], 1195-1201

<b>No Dose</b>	Nash, R. G. 1983. Distribution of butylate, heptachlor, lindane, and dieldrin emulsifiable concentrated and butylate microencapsulated formulations in microagroecosystem chambers 45422. J.Agric.Food Chem. 31[6], 1195-1201
<b>OM, pH</b>	Neuhauser, E. F. and Callahan, C. A. 1990. Growth and Reproduction of the Earthworm <i>Eisenia fetida</i> Exposed to Sublethal Concentrations of Organic Chemicals. Soil Biol Biochem 22[2], 175-179
<b>Media</b>	Ng, Y. S. and Ahmad, S. 1979. Resistance to dieldrin and tolerance to chlorpyrifos and bendiocarb in a northern new-jersey usa population of japanese beetle <i>popillia-japonica</i> . J Econ Entomol 72[5], 698-700
<b>Media</b>	Nielsen, D. G., Niemczyk, H. D., Balderston, C. P., and Purrington, F. F. 1975. Black vine weevil resistance to dieldrin and sensitivity to organo phosphate and carbamate insecticides. J Econ Entomol 68[3], 291-292
<b>OM, pH</b>	Okonkwo, A. I. 1977. The impact of dieldrin granules on the arthropod biota of an alfalfa field. Sci Biol J 3[1], 263-270
<b>No ERE</b>	Onsager, J. A., Rusk, H. W., and Butler, L. I. 1970. Residues of Aldrin, Dieldrin, Chlorodane, and DDT in Soil and Sugarbeets. J.Econ.Entomol. 63, 1143-1146
<b>FL</b>	Otobe, Yuichi and Sato, Tatsuo. 1998. Dieldrin absorption into several crops. Hokkaidoritsu Nogyo Shikenjo Shuho 75, 21-24
<b>Media</b>	Pareek, B. L. and Kushwaha, K. S. 1976. Insecticidal trial against the cutworm <i>agrotis-spinifera</i> . Indian J Entomol 38[2], 198-199
<b>No Dose</b>	Polizu, A., Floru, and Paulian, F. 1971. Absorption, Translocation And Distribution Of Lindane And DDT In The Corn Plant. Qual.Plant.Mater.Veg. 20[3], 203-213
<b>Mix</b>	Polizu, A. and Serban, V. 1974. Organochlorine Residues Determined In The Soil And In The Wheat And Corn Crops Of South Romania. An.Inst.Cercet.Prot.Plant Acad.Stiinte Agric.Silvice 10, 479-485
<b>Mix</b>	Polizu, Al. 1970. Influence of aldrin, dieldrin, and heptachlor compounds on the absorption

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and translocation of BHC and DDT insecticides from the soil into maize plants.  
An.Inst.Cercet.Prot.Plant., Acad.Stiinte Agr.Silvice 8, 257-263

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| <b>No COC</b>  | Powell, A. J. B., Stevens, T., and McCully, K. A. 1970. Effects Of Commercial Processing On Residues Of Aldrin And Dieldrin In Tomatoes And Residues In Subsequent Crops Grown On The Treated Plots. J.Agric.Food Chem. 18[2], 224-227   |
| <b>No Dose</b> | Que, Hee S. S., Sutherland, R. G., McKinlay, K. S., and Saha, J. G. 1975. Factors affecting the volatility of ddt dieldrin and di methylamine salt of 2 4-d from leaf and glass surfaces. Bull.Environt.Contam.Toxicol. 13[3], 284-290   |
| <b>OM</b>      | Rand, J. R. and Braithwaite, B. M. 1975. Control of the weevil <i>amnemus-quadrutuberculatus</i> in tropical legume pastures with dieldrin and heptachlor pre sowing soil treatments. Aust.J.Exp.Agric.Anim.Husb. 15[75], 545-549  |
| <b>OM, pH</b>  | Randell, Roscoe, Butler, J. D., and Hughes, T. D. 1972. Effect of pesticides on thatch accumulation and earth worm populations in Kentucky bluegrass turf. Hortscience 7[1], 64-65   |
| <b>OM, pH</b>  | Raw, F., Lofty, J. R., and Potter, C. 1968. Studies on the chemical control of wireworms <i>agriotes-spp iii</i> the direct and residual effects of bhc insectic aldrin insectic and dieldrin insectic wheat-m birds gamma bhc insectic. Bull Entomol Res 57[4], 661-667                           |
| <b>Media</b>   | Reinecke, A. J. and Venter, J. M. 1985. Influence of Dieldrin on the Reproduction of the Earthworm <i>Eisenia fetida</i> (Oligochaeta). Biol.Fert.Soils 1[1], 39-44  |
| <b>FL</b>      | Reinecke, A. J., Reinecke, S. A., and Froneman, M. 1994. The Sublethal Effects Of The Organochlorines Dieldrin And Lindane On Growth And Reproduction Of <i>Eudrilus Eugeniae</i> And <i>Eisenia Fetida</i> (Oligochaeta). Suid-Afrikaanse Tydskrif Vir Natuurwetenskap En Tegnologie 13[1], 21-24 |
| <b>Media</b>   | Reinecke, S. A., Reinecke, A. J., and Froneman, M. L. 1995. The Effects of Dieldrin on the Sperm Ultrastructure of the Earthworm <i>Eudrilus eugenia</i> (Oligochaeta). Environ Toxicol Chem 14[6], 961-965  |
| <b>Rev</b>     | Ruckelshaus, W. D. 1972. Report of the Aldrin/Dieldrin Advisory Committee. U.S.Environmental Protection Agency , 100   |

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<b>OM, pH</b>	Sachan, J. N., Verma, J. K., and Srivastava, B. P. 1967. Effect of the application of soil insecticides on germination and growth of wheat. <i>Indian J. Entomol.</i> 29[2], 185-188
<b>No Dose</b>	Saha, J. G. and Lee, Y. W. 1970. The Metabolic Fate of <sup>14</sup> C-Dieldrin in Wheat Plants and in an Agricultural Soil. <i>J. Econ. Entomol.</i> 63, 670-671
<b>No Control</b>	Saha, J. G., Karapally, J. C., and Janzen, W. K. 1971. Influence of the type of mineral soil on the uptake of dieldrin by wheat-m seedlings 46774. <i>J. Agric. Food Chem.</i> 19[5], 842-845
<b>No Control</b>	Saha, J. G. 1972. Residues In Seedlings Of Ten Wheat Varieties Grown In Dieldrin-Treated Soil. <i>J. Econ. Entomol.</i> 65[1], 302-303
<b>No ERE</b>	Saha, J. G. J., Karapally, J. C. J., and Janzen, W. K. J. 1971. Influence Of The Type Of Mineral Soil On The Uptake Of Dieldrin By Wheat Seedings 46776. <i>J. Agric. Food Chem.</i> 19[5], 842-845
<b>No Dose</b>	Selim, K., Mahmoud, S., and El Mokadem, M. T. 1970. Effect of Dieldrin and Lindane on the Growth and Nodulation of <i>V. faba</i> . <i>Plant Soil</i> 33, 325-329
<b>Mix</b>	Sellers, L. G. and Dahm, P. A. 1975. Chlorinated Hydrocarbon Insecticide Residues in Ground Beetles ( <i>Harpalus pennsylvannica</i> ) and Iowa Soil. <i>Bull Environ Contam Toxicol</i> 13, 218-222
<b>No ERE</b>	Sheets, T. J., Jackson, M. D., Mistic, W. J., and Campbell, W. V. 1969. Residues Of DDT And Dieldrin In Peanuts And Tobacco Grown On Contaminated Soil. <i>Pestic. Monit. J.</i> 3[2], 80-86
<b>OM, pH</b>	Stratton, G. D., Jr. and Wheeler, W. B. 1983. Fate of Dieldrin in Radishes. <i>J. Agric. Food Chem.</i> 31[5], 1076-1079
<b>Species</b>	Suzuki, M., Yamato, Y., and Watanabe, T. 1975. Persistence Of Bhc (1,2,3,4,5,6,-Hexachlorocyclohexane) And Dieldrin Residues In Field Soils. <i>Bull. Environ. Contam. Toxicol.</i> 14[5], 520-529
<b>No ERE</b>	Talekar, N. S., Sun, L. T., Lee, E. M., and Chen, J. S. 1977. Persistence of some insecticides in subtropical soil. <i>J. Agric. Food Chem.</i> 25[2], 348-352

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<b>OM, pH</b>	Tashiro, H. and Fiori, B. J. 1969. Susceptibilities of european chafer and japanese beetle grubs to chlordane and dieldrin suggesting reductions in application rates. J Econ Entomol 62[5], 1179-1183
<b>No Dose</b>	Tashiro, H., Personius, K. E., Zinter, D., and Zinter, M. 1971. Resistance of the european chafer to cyclo diene insecticides. J Econ Entomol 64[1], 242-245
<b>No COC</b>	Tashiro, H., Bourke, J. B., and Gibbs, S. D. 1981. Residual activity of dieldrin and chlordane in soil of established turf in japanese beetle popillia-japonica grub control. J Econ Entomol 74[4], 397-399
<b>Media</b>	Taylor, J. M. 1971. Testing the effects of liquid eradicans on emergence of anobium-punctatum. Ann.Appl.Biol. 67[2], 201-210
<b>FL</b>	Tsirkov, I. and Pashev, Iliya. 1971. Effect of the insecticides hexachloran, heptachlor, lindane, and dieldrin on rhizosphere microflora in corn. Kongr.Mikrobiol., Mater.Kongr.Mikrobiol.Bulg., 2nd, 4, 267-272
<b>No ERE</b>	Turner, B. C., Taylor, A., and Edwards, W. M. 1972. Dieldrin And Heptachlor Residues In Soybeans. Agron.J. 64[2], 237-239
<b>Species</b>	Ueda, K. Hazards of insecticides and residue problems in rice-m cultivation human parathion insectic aldrin insectic dieldrin insectic ddt insectic bhc insectic. Books.351-366.1967.
<b>Media</b>	Van Ark H. and Sheasby, J. L. 1972. A Further Experiment on the Effect of Dieldrin Cover Sprays on Wood Eating Termites. Phytophylactica 4[3], 79-86
<b>Abstract</b>	Van der Valk, H. C. H. G. 1988. Environmental Impact of Dieldrin Applications in Locust Control; a Hazard Assessment 966. Working Paper, FAO/ECLO Meeting, Oct.21, 1988, FAO, Rome
<b>No Control</b>	Van Middlelem, C. H. 1969. Cooperative Study On Uptake Of DDT, Dieldrin And Endrin By Peanuts, Soybeans, Tobacco, Turnip Greens And Turnip Roots. Pestic.Monit.J. 3[2], 100-101
<b>Media</b>	Venter, J. M. and Reinecke, A. J. 1985. Dieldrin And Growth And Development Of The Earthworm Eisenia-Foetida Oligochaeta

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48383. Bull Environ Contam Toxicol 35[5], 652-659

<b>Media</b>	Venter, J. M. and Reinecke, A. J. 1987. Effects of the Pesticide Dieldrin on Incubation of the Earthworm <i>Eisenia foetida</i> ( <i>Oligochaeta</i> ). S.Afr.J.Zool. 22[2], 97-100
<b>Media</b>	Venter, J. M. and Reinecke, A. J. 1988. Sublethal Ecotoxicological Effects of Dieldrin on the Earthworm <i>Eisenia foetida</i> ( <i>Oligochaeta</i> ). In: C.A.Edwards and E.F.Neuhauser (Eds.), Earthworms in Waste and Environmental Management, SPB Academic Publ., The Hague, Netherlands , 337-353
<b>Dup</b>	Voerman, S. and Besemer, A. F. H. 1970. Residues of Dieldrin, Lindane, DDT, and Parathion in a Light Sandy Soil After Repeated Application Throughout a Period of 15 Years. J.Agric.Food Chem. 18[4], 717-719
<b>OM, pH</b>	Voerman, S. and Besemer, A. F. H. 1970. Residues of Dieldrin, Lindane, DDT, and Parathion in a Light Sandy Soil After Repeated Application Throughout a Period of 15 Years. J.Agric.Food Chem. 18[4], 717-719
<b>No Control</b>	Voerman, S. and besemer, A. F. 1975. Persistence of Dieldrin, Lindane, and DDT in a Light Sandy Soil and Their Uptake by Grass. Bull Environ Contam Toxicol 13, 501-505
<b>OM</b>	Walsh, G. E., Hollister, T. A., and Forester, J. 1974. Translocation of Four Organochlorine Compounds by Red Mangrove ( <i>Rhizophora mangle</i> L.) Seedlings. Bull Environ Contam Toxicol 12[2], 129
<b>OM, pH</b>	Wessels, C. 1974. Residues Of Three Organochlorine Insecticides In Groundnut Plants ( <i>Sb,Arachis Hypogaea</i> L.) In Rhodesia. Rhod.J.Agr.Res. 12[1], 69-75
<b>No ERE</b>	Wessels, C. L. 1978. Residues in Soyabean Plants ( <i>Glycine max</i> (L.) Merr.) of Aldrin and Dieldrin Following Soil Application and of Endosulfan and DDT Following Foliar Application. Rhod.J.Agr.Res. 16[2], 205-210
<b>OM, pH</b>	Wheeler, W. B. 1966. Absorption and Translocation of Dieldrin by Forage Crops and Its Extraction from Plant Tissues. Ph.D.Thesis, Pennsylvania State University, University Park, PA , 113 p.
<b>No Dose</b>	Wheeler, W. B., Frear, D. E. H., Mumma, R. O., Hamilton, R. H., and Cotner, R. C. 1967. Absorption And Translocation Of Dieldrin By Forage Crops. J.Agr.Food Chem. 15[2], 231-

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| <b>OM, pH</b>  | Wilson, K. J. 1969. The biology and control of maize rootworm <i>buphonella-murina</i> coleoptera galerucidae a pest of maize-m in zambia. <i>J.Entomol.Soc.S.Afr.</i> 32[1], 147-159  |
| <b>No Dose</b> | Wilson, V. J. 1972. Observations on the Effect of Dieldrin on Wildlife During Tsetse Fly <i>Glossina morsitans</i> Control Operations in Eastern Zambia. <i>Arnoldia (Rhodesia)</i> 5[34], 1-12  |
| <b>OM, pH</b>  | Wingo, C. W. 1966. Persistence and Degradation of Dieldrin and Heptachlor in Soil and Effects on Plants<br>15287. <i>Agric.Exp.Stn., Res.Bull.No.914</i> , 27 p.   |
| <b>No Dur</b>  | Wood, T. K., Gyrisco, G. G., Gutenmann, W. H., and Edmonds, C. H. 1966. The Presence and Persistence of Dieldrin on Forage Crops from Soil Treatments for Alfalfa Snout Beetle Control. <i>J.Econ.Entomol.</i> 59[2], 472-473  |
| <b>OM, pH</b>  | Wood, T. K., Armbrust, E. J., Ghyrisco, G. G., Butenmann, W. H., and Lisk, D. J. 1966. The Presence and Persistence of Heptachlor Epoxide and Dieldrin Residues on Forage Crops in New York. <i>J.Econ.Entomol.</i> 59, 131-132  |
| <b>OM, pH</b>  | Wright, D. W. and Coaker, T. H. 1968. Development of dieldrin insectic resistance in carrot-d fly in england aldrin insectic gamma bhc insectic. <i>Plant Pathol</i> 17[4], 178-181  |
| <b>FL</b>      | Yamaberi, M., Yano, H., and Shinmyo, N. 1972. Persistence of Organochlorine Pesticides in Soil and Crops. I. Absorption and Translocation of Aldrin and Dieldrin in Strawberries. <i>Kagawa-ken Nogyo Shikenjo Kenkyu Hokoku /Bull.Kagawa Prefect.Agr.Exp.Sta.</i> 22, 36-42 |
| <b>OM, pH</b>  | Young, R. W. 1969. Residues of Dieldrin and DDT in Peanuts and Turnip Greens Grown in Soil Containing These Compounds. <i>Pestic.Monit.J.</i> 3, 94-99   |