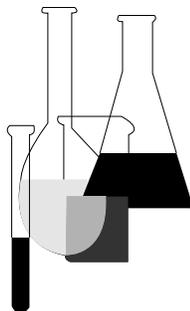




Occupational and Residential Exposure Test Guidelines

OPPTS 875.2800 Descriptions of Human Activity



INTRODUCTION

This guideline is one of a series of test guidelines that have been developed by the Office of Prevention, Pesticides and Toxic Substances, United States Environmental Protection Agency for use in the testing of pesticides and toxic substances, and the development of test data that must be submitted to the Agency for review under Federal regulations.

The Office of Prevention, Pesticides and Toxic Substances (OPPTS) has developed this guideline through a process of harmonization that blended the testing guidance and requirements that existed in the Office of Pollution Prevention and Toxics (OPPT) and appeared in Title 40, Chapter I, Subchapter R of the Code of Federal Regulations (CFR), the Office of Pesticide Programs (OPP) which appeared in publications of the National Technical Information Service (NTIS) and the guidelines published by the Organization for Economic Cooperation and Development (OECD).

The purpose of harmonizing these guidelines into a single set of OPPTS guidelines is to minimize variations among the testing procedures that must be performed to meet the data requirements of the U. S. Environmental Protection Agency under the Toxic Substances Control Act (15 U.S.C. 2601) and the Federal Insecticide, Fungicide and Rodenticide Act (7 U.S.C. 136, *et seq.*).

This guideline, along with the others in Series 875.2000 through 875.2900, is being substantially revised for publication in 1997. However, the current guidelines are still official. Before initiating any studies for post-application exposure registrants should contact EPA's Occupational and Residential Exposure Branch (within the Office of Pesticide Programs) at 703-305-6094.

Final Guideline Release: This guideline is available from the U.S. Government Printing Office, Washington, DC 20402 on *The Federal Bulletin Board*. By modem dial 202-512-1387, telnet and ftp: fedbbs.access.gpo.gov (IP 162.140.64.19), internet: <http://fedbbs.access.gpo.gov>, or call 202-512-0132 for disks or paper copies. This guideline is also available electronically in ASCII and PDF (portable document format) from the EPA Public Access Gopher (gopher.epa.gov) under the heading "Environmental Test Methods and Guidelines."

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(a) **Scope**—(1) **Applicability.** This guideline is intended to meet testing requirements of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) (7 U.S.C. 136, *et seq.*).

(2) **Background.** The source material used in developing this harmonized OPPTS test guideline is OPP guideline 133–1. This guideline should be used with OPPTS 875.2000 and 875.2900.

(b) **Purpose.** The purpose of this guideline is to delineate the requirements for developing and submitting descriptions of human activities likely to occur at a site that has been treated with a specific pesticide.

(c) **Description of activities.** Each brief description should include, but not necessarily be limited to:

(1) Nature of human activity (e.g. harvesting, thinning, scouting, etc.).

(2) Principal source(s) of exposure (e.g. foliage, soil, air, etc.).

(3) Usual environmental conditions for activity (e.g. hot, humid, cool, dry, wet, etc.).

(4) Level of physical exertion (e.g. mild, moderate, heavy).

(5) Expected frequency and duration of activity (e.g. number of times per day or per week, number of hours per day, etc.).

(d) **Designation of maximum exposure activity.** In connection with the submittal of descriptions of human activities, the applicant should state which activity is the most like to result in maximum human exposure to pesticide residues for each site. In some pesticide use situations, the most significant human exposure to pesticide residues occurs when harvested commodities are transferred from the application site and handled (e.g. sorting of fruits or vegetables). The applicant should include a brief rationale supporting his selection. The activity selected will represent the maximum expected exposure activity for that specific use, and may be employed as the exposure standard for future calculations under OPPTS 875.2900 if that guideline is used for calculating a reentry interval.