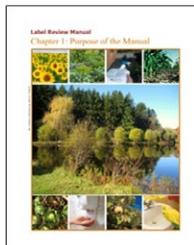


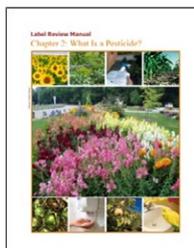
# Label Review Manual

## Contents



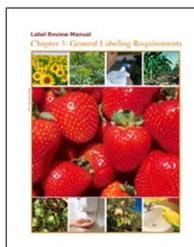
### Chapter 1: Purpose of the Manual

I. Purpose .....	1-1
II. Approach.....	1-1
III. Availability .....	1-2
IV. Maintenance/Update .....	1-2



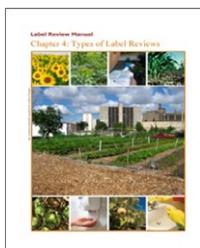
### Chapter 2: What Is a Pesticide?

I. Introduction.....	2-1
II. Products that are not pesticides.....	2-1
III. What makes a product a pesticide? .....	2-5
IV. Pesticides exempted from registration.....	2-6
V. Is the product a device and, therefore, not a pesticide? .....	2-8



### Chapter 3: General Labeling Requirements

I. Introduction.....	3-1
II. General information.....	3-1
III. Mandatory and advisory statements.....	3-3
IV. Types of labels and labeling .....	3-6
V. Non-FIFRA labeling.....	3-8
VI. Label submission requirements .....	3-8
VII. Label format.....	3-9
VIII. Final printed labels and labeling.....	3-11



### Chapter 4: Types of Label Reviews

I. Introduction.....	4-1
II. Labels that do not require review.....	4-2
III. Labels that require review.....	4-4
IV. When a use is deleted.....	4-10
V. Label resubmissions.....	4-10



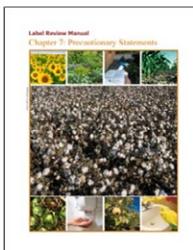
### Chapter 5: Ingredient Statement

- I. Introduction..... 5-1
- II. What is included in an ingredient statement ..... 5-1
- III. Location of ingredient statement ..... 5-2
- IV. Names to be used in the ingredient statement..... 5-3
- V. Criteria for determination of pesticidal activity..... 5-4
- VI. Statement of concentrations..... 5-5
- VII. Substatements ..... 5-7
- VIII. Deterioration ..... 5-7
- IX. Specific designations for some ingredient statements ..... 5-8
- X. Inert ingredients ..... 5-13
- XI. Alternate formulations ..... 5-14



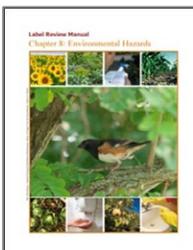
### Chapter 6: Use Classification

- I. Introduction..... 6-1
- II. Unclassified products..... 6-1
- III. Restricted use pesticides (RUP)..... 6-2



### Chapter 7: Precautionary Statements

- I. Introduction..... 7-1
- II. Background information..... 7-1
- III. Determining the precautionary labeling..... 7-2
- IV. Labeling options ..... 7-14



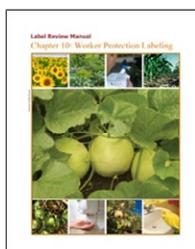
### Chapter 8: Environmental Hazards

- I. Introduction..... 8-1
- II. Reviewing the statements ..... 8-1
- III. General statements ..... 8-3
- IV. Non-target organism statements ..... 8-7
- V. Mosquito control label statements ..... 8-9
- VI. Endangered species protection requirements..... 8-12
- VII. Miscellaneous statements ..... 8-13



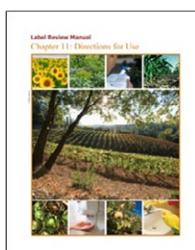
### Chapter 9: Physical or Chemical Hazards

- I. Introduction..... 9-1
- II. Placement of the physical or chemical hazards statement ..... 9-1
- III. Labeling for flammable products..... 9-1
- IV. Declaration of non-flammability ..... 9-3
- V. Labeling for liquid products used near electrical equipment (Dielectric Breakdown Voltage)..... 9-4
- VI. Labeling for explosive potential ..... 9-4
- VII. Additional label statements for certain fumigants ..... 9-5
- VIII. Warning statements about mixing certain products..... 9-5
- IX. Requirements for use of fire retardant ..... 9-6
- X. Other physical/chemical hazard statements ..... 9-6



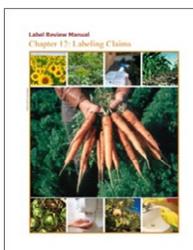
### Chapter 10: Worker Protection Labeling

- I. Introduction..... 10-1
- II. Background..... 10-1
- III. Determination of products subject to the WPS ..... 10-2
- IV. Signal word..... 10-4
- V. Split labeling for WPS and non-WPS products ..... 10-4
- VI. Precautionary statements ..... 10-5
- VII. Directions for use..... 10-15
- VIII. Determining the correct REI..... 10-19
- IX. Labeling statements for special situations ..... 10-22
- X. Sample agricultural use requirements box..... 10-24



### Chapter 11: Directions for Use

- I. Introduction..... 11-1
- II. Purpose of directions for use ..... 11-1
- III. Enforceability of directions for use..... 11-2
- IV. Review strategy for directions for use ..... 11-3
- V. Additional review strategies for specific products..... 11-10
- VI. Standard elements..... 11-13
- VII. Where the product is issued ..... 11-20
- VIII. The pests being claimed..... 11-21
- IX. How the product is prepared and handled..... 11-22
- X. Application information..... 11-23
- XI. Additional application information..... 11-27
- XII. Storage and disposal instructions..... 11-28



## Chapter 12: Labeling Claims

I.	Introduction.....	12-1
II.	General claims .....	12-1
III.	Some examples of unacceptable claims.....	12-2
IV.	Pesticides exempted from registration.....	12-4
V.	Claims made about the active ingredient.....	12-4
VI.	Product names.....	12-5
VII.	Efficacy-related claims .....	12-6
VIII.	Instructions to label reviewers for efficacy issues .....	12-7
IX.	Warranty and disclaimer statements .....	12-8
X.	Claims made in advertising.....	12-11



## Chapter 13: Storage and Disposal

I.	Introduction.....	13-1
II.	Reviewing the statements .....	13-1
III.	General storage and disposal statement .....	13-2
IV.	Pesticide storage statements.....	13-3
V.	Pesticide disposal and container handling statements.....	13-8
VI.	Examples of storage and disposal labeling .....	13-26



## Chapter 14: Identification Numbers

I.	Introduction.....	14-1
II.	EPA registration number .....	14-1
III.	Supplemental distributor numbers .....	14-2
IV.	EPA Establishment Number .....	14-3
V.	Special Local Need (SLN) registration number.....	14-4
VI.	Experimental Use Permit number .....	14-5



## Chapter 15: Company Name and Address

I.	Introduction.....	15-1
II.	Company name .....	15-1
III.	Telephone numbers.....	15-1
IV.	Foreign registrants .....	15-2
V.	Name of record .....	15-2
VI.	Company name and address changes.....	15-2



**Chapter 16: Graphics and Symbols on Labels**

- I. Introduction..... 16-1
- II. Acceptable graphics and symbols..... 16-1
- III. Unacceptable graphics and symbols ..... 16-2
- IV. Other graphics and symbols which are acceptable ..... 16-3
- V. Logos for organic pesticides ..... 16-4



**Chapter 17: Net Contents/Net Weight Statement**

- I. Introduction..... 17-1
- II. Location of net contents/net weight statement..... 17-1
- III. Types of products/measurement ..... 17-1
- IV. Expression of the statement ..... 17-2



**Chapter 18: Unique Product Labeling**

- I. Introduction ..... 18-1
- II. Foreign language labeling..... 18-1
- III. Soluble packets ..... 18-1
- IV. Multi-packs/co-packs..... 18-2
- V. Small containers ..... 18-3
- VI. Bulk containers ..... 18-4
- VII. Secondary containers..... 18-4
- VIII. Child-attracting packaging (“Attractive Nuisance”)..... 18-5
- IX. Child-resistant packaging ..... 18-5
- X. Pesticides used to treat seeds ..... 18-6
- XI. North American Free Trade Agreement (NAFTA) labeling ..... 18-10
- XII. Other types of labeling..... 18-12