

PART B - CHAPTER 11

PRODUCT USE INFORMATION

GUIDELINE 875.2700	B11-1
11.1 INTRODUCTION	B11-1
11.2 DATA REQUIREMENT	B11-1
11.2.1 <u>Agricultural Scenarios</u>	B11-1
11.2.2 <u>Industrial Scenarios</u>	B11-2
11.2.3 <u>Residential Scenarios</u>	B11-2
11.3 DATA PRESENTATION	B11-3

PART B - CHAPTER 11
PRODUCT USE INFORMATION
GUIDELINE 875.2700

11.1 INTRODUCTION

To more accurately assess pesticide exposure, the Agency needs good information on how the pesticide under review is actually used and applied in the field or around the home. EPA also needs information on the types of activities individuals perform in pesticide-treated areas. This latter data requirement is described in Part B, Chapter 12 - Descriptions of Human Activity.

11.2 DATA REQUIREMENT

The types of use data that the Agency is requesting are detailed below. In the absence of precise data, ranges or estimates are acceptable if a supporting rationale is provided. The investigator should indicate sources of estimates and the relative reliability or accuracy of estimates. Trends in use or other relevant data which can enhance or clarify the Agency's understanding of the use estimates should also be provided. Use data are considered product specific, and are required of all registrants; a generic data exemption is not applicable.

11.2.1 Agricultural Scenarios

For agricultural-use pesticides, the following information should be provided, as appropriate.

Major use sites. The major use sites to which the pesticide under investigation is applied should be listed. Information on the size of these major use sites should also be provided. Generally, use sites for agricultural scenarios will be field crops. If the pesticide is used regionally, the areas where it is used should be listed.

Cropping systems. How the crop is cultivated should be discussed. For example, are the crops staked (e.g., tomatoes may be staked or allowed to grow on the ground), what systems are used for weed control (plastic, hoeing), etc.? If different cropping systems are used in various regions, these systems should be described.

Pesticide application. The typical application method, rates (pounds per acre), number of applications per growing season, and application interval should be described. This type of information allows the Agency to determine if the application pattern will be affected by a particular restricted-entry interval.

Reentry information. See Part B, Chapter 12 - Descriptions of Human Activity.

11.2.2 Industrial Scenarios

For industrial-use pesticides, the following information should be provided, as appropriate.

Major use sites. Industrial use sites generally will involve antimicrobial pesticides. Antimicrobials may be used as preservatives and incorporated during the manufacture of goods and articles (e.g., paper, paints, plastics, leather, etc.). Antimicrobials also are used in aqueous systems to prevent the growth of microorganisms (e.g., cooling towers, slurries, pulp and papermill water systems, metalworking fluids, etc.). The types of use sites to which the pesticide under investigation is applied should be listed. Most industrial uses will be nonfood-use sites.

Pesticide application. The typical application method (e.g., pump, pour, closed system, metered pump), rates, application frequency, and application interval should be provided.

Occupational activities. See Part B, Chapter 12 - Descriptions of Human Activity.

11.2.3 Residential Scenarios

For residential-use pesticides, the following information should be provided, as appropriate. If there are regional distinctions within these factors, they should be described.

Major use sites. The types of use sites to which the pesticide under investigation is applied should be listed. For indoor residential uses, this would generally be non-food sites. For outdoor residential sites, use sites would typically be application to lawns and home gardens. If the pesticide is used regionally, the areas in which it is used should be listed.

Pesticide application. The typical application method (e.g., broadcast, band, spot spray), rates, application frequency, and application interval should be provided. For example, is the pesticide applied

directly from the apparatus it is purchased in? Does it need to be mixed before use? What is the product formulation?

Residential activities. See Part B, Chapter 12 - Descriptions of Human Activity.

11.3 DATA PRESENTATION

The use information may be reported in narrative form. Where practical, tabular format should be used.