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TOXIC HAZARDS AND SAFETY MEASURES*

by

Professor E.M. Ungureanu
Division of Malaria Eradication, WHO, Geneva

OUTLINE OF PRESENTATION

1. INTRODUCTION

1.1 The use of insecticides and toxic hazards

- 1.1.1 Chlorinated hydrocarbons
- 1.1.2 Organo-phosphorous compounds
- 1.1.3 Carbamates
- 1.1.4 Specific toxicity and toxic hazards
- 1.1.5 Factors influencing the toxic hazards:

- a) formulation, final concentration
- b) method of application
- c) contact of human or animal population with the insecticides in treated area, or space (fumigant or non-fumigant insecticides)
- d) age, sex, health conditions
- e) animal species

2. TOXIC HAZARDS:during operations

- 2.1 on people handling concentrates
- 2.2 on sprayman
- 2.3 on local inhabitants
- 2.4 on domestic animals
- 2.5 acute toxicity
- 2.6 chronic toxicity
- 2.7 secondary effects on wild fauna disturbance of the natural balance

* The participants should read the chapter "Safe Use of Pesticides"
WHO Techn. Rep. Ser. 1970, N.443 pp. 258-267. All technical details are
being given in this publication.

3. SAFETY MEASURES

- 3.1 Distinct identification of material, label warning about the danger
- 3.2 Manipulation of concentrates by trained people
- 3.3 Training of spraymen
- 3.4 Protective material
- 3.5 Protective measures during spraying
 - a) for spraymen, equipment, personal hygiene
 - b) for local people
 - c) for domestic animals

4. DIAGNOSIS OF POISONING

- 4.1 DDT - BHC - DLD
- 4.2 Organophosphorous compounds
- 4.3 Carbamates

5. TREATMENT OF POISONING

- 5.1 DDT - BHC - DLD
- 5.2 Organophosphorous compounds
- 5.3 Carbamates