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V. Control Measures

Preface

1st edition

Present-day insecticides, acaricides, nematocides and other plant protecting substances are mainly organo-synthetic (artificial) compounds, belonging to various chemical groups. They have to a large extent taken the place of vegetable and inorganic products formerly in use and can be manufactured in unlimited quantities whenever desired.

Pesticides are usually marketed under various formulations and names which may differ from one country to another. Almost everywhere government regulations demand that the products on the market be labelled with their chemical composition and type of active ingredient, i.e. with their chemical common or other name. The following table gives the chemical common names of active ingredients, classified according to the group to which they belong; it also states their mode of action, their acute oral toxicity for rats, and their practical use.

2nd edition

Since the publication of the 1st edition of the "Appendix to Pests of Crops in Warm Climates and their Control" in 1962, many new synthetic-organic compounds for general use specialized Pest Control have been developed and marketed.

The "Table of Active Ingredients" in the present edition has been compiled correspondingly and brought up-to-date. Moreover, chemosterilants, activators or synergists, repellents and rodenticides are included.

The Active Ingredients are numbered as in the 1st edition, with some exceptions. The names or synonyms of new compounds are in alphabetical order and given a decimal figure (see also page 38). While the sections "Precautions" and "Mixing Tables" have not been altered, the section "First Aid Measures" has been in parts.

Control methods and methods of application resulting from the rapid development of new substances with new properties have been taken into consideration as far as possible in the main section entitled "Recommendations for Control Measures".

