

CONTENT

	Page
PART I : Thimet Phorate Systemic Insecticide	1
Chemical and Physical Properties	3
Txicological Information	4
Technical Grade	4
Formulations	7
Formulations Available and Their Uses	9
Methods of Analysis	11
Compatibility	21
Methods of Applications	23
Granular Formulations	23
Emulsifiable Concentrates	27
Dust Formulation	29
Seed Treatment Application Methods for Use of THIMET phorate LC-S or THIMET phorate 44D	29
Factors Influencing Uptake and Persistence of Phorate	31
Absorption and Translocation Following Soil Application	33
Persistence of Insecticidal Activity	35
Metabolism	38
Phytophysiological Effects	40
Residue Studies in Edible Crops and Methods of Residue Analysis	42
Studies for Off-Flavours in Edible Crops at Harvest	42
Safety to Beneficial Insects and Soil Organisms	43
Fumigant Action	43
Nematocidal Activity	46
Ornamentals	46
Other crops	47
Plant Diseases Control Through control of Insect Vectors	48
Safety Precautions for Industrial and Agricultural Handling and Use of THIMET phorate	51
General Information Concerning Safety in Handling Pesticides	51
12 Simple Rules for Safe Use of THIMET Systemic Insecticide	53
Safety Precautions for Handling THIMET phorate for Agricultural Usage	54
Safety Precautions for Handling THIMET phorate (a) During Formulation of Products, (b) During Seed Treatment	60
Respiratory Protective Equipment	64
Treatment of Poisoning	66
First Aid	66
Treatment to be Administered by a Physician	68
Information for Physicians	69
Determination of Red Blood Cell and Plasma Cholinesterase Activity	72
PART II THIMET Phorate – Tabular Summary of Uses Reported From Individual Countries Throughout the World	77
Index of THIMET phorate Usage by Region, Country, and Crop	78
Europe	81
Africa and Middle East	88
Asia	89
North America	91
Central America and Caribbean Area	106
South America	109
Glossary of common and scientific names of insects and related pests included in Tabular summaries of uses	I
references	vi