

**RISK ASSESSMENT OF SOME PESTICIDE
RESIDUES ASSOCIATED WITH
FOOD PREPARATION**

A Thesis

**Submitted For Partial Fulfilment of the Requirement
for the Award of the Ph. D. Degree**

**In
Environmental Science**

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ABBREVIATIONS

A	----- Absorbance
ABI	----- Acetyl benzimidazol
ACh.E.	----- Acetyl Cholinesterase Enzyme
ALT	----- Alanine aminotransferases
AST	----- Aspartate aminotransferases
CAPL	----- Cetal Agriculture pesticides laboratory
CCP	----- Critical Control Point
ChS	----- Cholinesterase
Cu	----- Copper
dl	----- deciliter
DNA	----- Deoxy ribonucleic acid
DTNB	----- 5,5 dithio bis(2-nitrobenzoic acid)
EDTA	----- Ethylenediaminetetraacetic acid
EEC	----- European Economic Community
FAO	----- Food and Agriculture Organization of United Nation
FDA	----- Food and Drug Administration
Fe	----- Iron
Fig	----- Figure
g	----- gram
G6PD	----- Glucose 6 Phosphate Dehydrogenase
GEMS	----- Global Environmental Monitoring System
GGT	----- Gamma Glutamate Transferase
GGTP	----- Gamma Glutamate Transpeptidase
GLC	----- Gas Liquid Chromatography
GPT	----- Glutamate pyruvate transaminase
GSH	----- Glutathion
h	----- hour
HACCP	----- Hazard Analysis Critical Control Point
Hb	----- Hemoglobin
HPLC	----- High Performance Liquid Chromatography
ILO	----- International Labour Office
IARC	----- International Agency for Research on Cancer
ICMSF	----- International Commission on Microbiological Specifications for Food
IU	----- International Unit
K	----- Potassium
L	----- Liter
LD50	----- Least dosage that should be expected to kill 50 %
mg	----- Milligram

min	----- Minute
ml	----- Milliliter
m mol	----- Millimole
mol	----- Mole
MRL	----- Maximum Residue Limit
n	----- Number of individuals
Na	----- Sodium
NADPH	----- Reduced Nicotinamide Adinine Dinucleotide Phosphate
nm	----- Nanometer
NOEL	----- NO Effect Level
N.S	----- Non Significant
5-OH-TBZ	----- 5- hydroxy thiabendazol
OPP	----- Ortho phenyl phenol
OPP-Na	----- Sodium ortho phenyl phenate
P	----- Probability
PChE	----- Plasma Cholinesterase
PBQ	----- 2-Phenyl-1,4 bezoquinone
PHQ	----- 2-Phenyl-1,4 hydroquinone
r.p.m	----- Revolution per minute
SCEs	----- sister- chromatid exchanges
S.D	----- Sprague - Dawley
SOPP	----- Sodium Ortho Phenyl Phenate
TBZ	----- Thiabendazol
TCA	----- Trichloroacetic acid
Ug	----- Microgram
UL	----- Microliter
UNEP	----- United Nation of Environmental Programme
USA	----- United States of America
w/v	----- Weight per volume
WHO	----- World Health Organization
Zn	----- Zinc

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INTRODUCTION

