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DEFINITION OF TERMS

LD50 (Lethal Dose 50)

The dosage necessary to produce death of 50% of the total population tested.

ADI (Acceptable Daily Intake) (FAO, WHO 1993) [36]

The ADI of a chemical is a quantitative expression of acceptable daily amounts of residue which persons may ingest on a long term basis, appears to be without appreciable risk. It is established on the basis of approximate toxicological data mainly from animal studies and expressed in milligrams of chemical body weight.

MRL (Maximum Residue Limit) (FAO, WHO, 1993) [36]

The MRL is considered as the maximum concentration of pesticide residue that is recommended by the Codex Alimentarius Commission to be legally permitted or recognized as acceptable on a food. It is expressed in milligrams of the residue per kilogram of commodity.

ERL or EMRL (Extraneous Maximum Residue Limit) (FAO,WHO,1993) [36]

The Codex "Extraneous Residue limit" is another type of Codex MRL which covers residues arising from environmental contamination or uses of pesticides (i.e. these residues are treated as contaminants)

Codex MRLs and ERLs are established only where there is supporting evidence of the safety to humans of the resulting residues as determined by the Joint FAO/WHO Meeting on Pesticide Residues (JMPR) and this means that codex MRLs represent residue levels which are toxicologically acceptable.

ABBREVIATIONS, ACRONYMS, AND SYMBOLS

ADI	acceptable daily intake
AR	analytical reagent
cm	centimeter
°C	degree of Celsius
CV	coefficient of variation
DDD	1,1-dichloro-2,2-bis(4-chlorophenyl)ethane
DDE	1,1-dichloro-2,2-bis(4-chlorophenyl)ethylene
DDT	1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane
ECD	electron-capture detector
EPA	Environmental Protection Agency
ERL	extraneous residue limit
FAO	Food and Agriculture Organization
g	gram(s)
GC	gas chromatography
GC-MS	gas chromatography-mass spectrometry
HCB	hexachlorobenzene
HCH	hexachlorocyclohexane
i.d.	internal diameter
IPM	Integrated Pest Management
kg	kilogram
l	liter
LD50	lethal dose
m	meter
mg	milligram
min	minute(s)
ml	milliliter
mm	millimeter
MRL	maximum residue limit
ND	no data
ng	nanogram
No.	number

o	<i>ortho</i> (indicating position in a chemical name)
p	<i>para</i> (indicating position in a chemical name)
pg	pictogram
ppm	parts per million
r	regression coefficient
SD	standard deviation
US-EPA	United States Environmental Protection Agency
WHO	World Health Organization
µg	microgram
µl	microliter
α	alpha
β	beta
%	percent
<	less than
≥	greater than or equal to

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