



Australian Government

Department of Agriculture, Fisheries and Forestry

Pear residue testing annual datasets 2022-23

National Residue Survey (NRS), Department of Agriculture, Fisheries and Forestry

Dataset abbreviations

LOR Limit of reporting.

MRL Maximum Residue Limit.

no limit No Australian standard applicable for the contaminant. The 'as low as reasonably achievable' principle applies. Detections at low levels are allowable.

not defined Standards are not defined in inedible matrixes (urine, retina and faeces).

not set No Australian standard has been set for the chemical in the edible matrix and any detection is a contravention of the Australia New Zealand Food Standards Code.

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Table 1: CONTAMINANTS

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
aldrin and dieldrin (HHDN+HEOD)	Whole	0.01	0.05	32	0	0
chlordane	Whole	0.01	0.02	32	0	0
DDT	Whole	0.01	1	32	0	0
endosulfan	Whole	0.01	not set	32	-	-
endrin	Whole	0.01	not set	32	-	-
HCB (hexachlorobenzene)	Whole	0.01	not set	32	-	-
HCH (BHC)	Whole	0.01	not set	32	-	-
heptachlor	Whole	0.01	not set	32	-	-
lindane (gamma-HCH)	Whole	0.01	0.5	32	0	0
mirex	Whole	0.01	not set	32	-	-

Table 2: FUNGICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
2-phenylphenol	Whole	0.05	not set	32	-	-
azoxystrobin	Whole	0.01	not set	32	-	-
benalaxyl	Whole	0.01	not set	32	-	-
bitertanol	Whole	0.01	not set	32	-	-
boscalid	Whole	0.01	2	32	0	0
bupirimate	Whole	0.01	not set	32	-	-
captafol	Whole	0.05	not set	32	-	-
captan	Whole	0.05	10	32	0	0
carbendazim	Whole	0.01	not set	32	-	-
chlorothalonil	Whole	0.01	not set	32	-	-
cyproconazole	Whole	0.01	not set	32	-	-
cyprodinil	Whole	0.01	0.05	32	0	0
difenoconazole	Whole	0.01	0.3	32	0	0
dimethomorph	Whole	0.01	not set	32	-	-
dithianon	Whole	0.01	2	32	0	0
dithiocarbamates	Whole	0.2	3	32	0	0
dodine	Whole	0.01	5	32	0	0
epoxiconazole	Whole	0.01	not set	32	-	-
etridiazole	Whole	0.01	not set	32	-	-
fenarimol	Whole	0.01	not set	32	-	-
fenbuconazole	Whole	0.01	not set	32	-	-
fenhexamid	Whole	0.01	not set	32	-	-
fluazinam	Whole	0.01	0.01	32	0	0
fludioxonil	Whole	0.01	5	32	0	0
fluopyram	Whole	0.01	1	32	0	0
fluquinconazole	Whole	0.01	0.3	32	0	0
flusilazole	Whole	0.01	0.2	32	0	0
flutriafol	Whole	0.01	0.5	32	0	0
hexaconazole	Whole	0.01	0.1	32	0	0
imazalil	Whole	0.01	5	32	0	0
iprodione	Whole	0.01	3	32	0	0
isopyrazam	Whole	0.01	0.7	32	0	0
kresoxim-methyl	Whole	0.01	0.1	32	0	0
mandestrobin	Whole	0.01	not set	32	-	-
mefentrifluconazole	Whole	0.01	not set	32	-	-
metalaxyl	Whole	0.01	0.2	32	0	0
metrafenone	Whole	0.01	not set	32	-	-
myclobutanil	Whole	0.01	0.5	32	0	0
oxadixyl	Whole	0.01	not set	32	-	-

paclobutrazol	Whole	0.01	1	32	0	0
penconazole	Whole	0.01	0.1	32	0	0
penthiopyrad	Whole	0.01	0.5	32	0	0
prochloraz	Whole	0.01	not set	32	-	-
procymidone	Whole	0.01	not set	32	-	-
propiconazole	Whole	0.01	not set	32	-	-
prothioconazole	Whole	0.01	not set	32	-	-
pyraclostrobin	Whole	0.01	1	32	0	0
pyrimethanil	Whole	0.01	15	32	0	0
tebuconazole	Whole	0.01	0.01	32	0	0
thiabendazole	Whole	0.01	10	32	0	0
tolclofos methyl	Whole	0.01	not set	32	-	-
triadimefon	Whole	0.01	not set	32	-	-
triadimenol	Whole	0.01	not set	32	-	-
trifloxystrobin	Whole	0.01	0.7	32	0	0
triforine	Whole	0.01	1	32	0	0
triticonazole	Whole	0.01	not set	32	-	-
uniconazole-P	Whole	0.01	not set	31	-	-
vinclozolin	Whole	0.01	not set	32	-	-

Table 3: HERBICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
2,2-DPA (2,2-dichloropropionic acid)	Whole	0.05	0.1	32	0	0
2,4-D	Whole	0.01	0.05	32	0	0
atrazine	Whole	0.01	not set	32	-	-
bromacil	Whole	0.01	not set	32	-	-
bromoxynil	Whole	0.01	not set	32	-	-
carfentrazone-ethyl	Whole	0.01	0.05	32	0	0
chlorpropham	Whole	0.05	not set	32	-	-
chlorsulfuron	Whole	0.01	not set	32	-	-
chlorthal-dimethyl	Whole	0.01	not set	32	-	-
clethodim	Whole	0.01	not set	32	-	-
clodinafop-propargyl	Whole	0.01	not set	32	-	-
clopyralid	Whole	0.05	not set	32	-	-
cyanazine	Whole	0.01	not set	32	-	-
dicamba	Whole	0.01	not set	32	-	-
dichlobenil	Whole	0.01	0.1	32	0	0
dichlorprop-P	Whole	0.01	not set	32	-	-
diflufenican	Whole	0.01	not set	32	-	-

diuron	Whole	0.01	not set	32	-	-
ethofumesate	Whole	0.01	not set	32	-	-
fenoxaprop-ethyl	Whole	0.01	not set	16	-	-
flumioxazin	Whole	0.02	0.02	32	0	0
iodosulfuron-methyl	Whole	0.01	not set	32	-	-
ioxynil	Whole	0.01	not set	32	-	-
isoxaben	Whole	0.01	0.01	32	0	0
linuron	Whole	0.01	not set	32	-	-
MCPA	Whole	0.01	not set	32	-	-
metamitron	Whole	0.01	0.01	32	0	0
methabenzthiazuron	Whole	0.01	not set	32	-	-
metolachlor	Whole	0.01	not set	32	-	-
metosulam	Whole	0.01	not set	32	-	-
metribuzin	Whole	0.01	not set	32	-	-
metsulfuron-methyl	Whole	0.01	not set	32	-	-
napropamide	Whole	0.01	not set	32	-	-
norflurazon	Whole	0.01	0.2	32	0	0
oryzalin	Whole	0.01	0.1	32	0	0
oxyfluorfen	Whole	0.01	0.05	32	0	0
pendimethalin	Whole	0.01	0.05	32	0	0
picloram	Whole	0.01	not set	32	-	-
propachlor	Whole	0.01	not set	32	-	-
propyzamide	Whole	0.01	not set	32	-	-
quizalofop-ethyl	Whole	0.01	not set	32	-	-
quizalofop-P-tefuryl	Whole	0.01	not set	32	-	-
saflufenacil	Whole	0.01	0.03	32	0	0
sethoxydim	Whole	0.01	not set	32	-	-
simazine	Whole	0.01	0.1	32	0	0
tralkoxydim	Whole	0.01	not set	32	-	-
triasulfuron	Whole	0.01	not set	32	-	-
triclopyr	Whole	0.01	not set	32	-	-
trifluralin	Whole	0.01	0.05	32	0	0

Table 4: INSECTICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
abamectin	Whole	0.01	0.01	32	0	0
acephate	Whole	0.05	not set	32	-	-
acetamiprid	Whole	0.01	0.3	32	0	0
aldicarb	Whole	0.01	not set	32	-	-
amitraz	Whole	0.01	not set	32	-	-

azamethiphos	Whole	0.01	not set	32	-	-
azinphos-methyl	Whole	0.01	not set	32	-	-
bifenazate	Whole	0.01	2	32	0	0
bifenthrin	Whole	0.01	0.5	32	0	0
bioresmethrin	Whole	0.01	not set	32	-	-
buprofezin	Whole	0.01	0.2	32	0	0
cadusafos	Whole	0.005	not set	32	-	-
carbaryl	Whole	0.01	0.2	32	0	0
carbofuran	Whole	0.005	not set	32	-	-
chlorantraniliprole	Whole	0.01	0.3	32	0	0
chlorfenapyr	Whole	0.01	0.5	32	0	0
chlorfenvinphos	Whole	0.01	not set	32	-	-
chlorpyrifos	Whole	0.005	0.5	32	0	0
chlorpyrifos-methyl	Whole	0.005	not set	32	-	-
clofentezine	Whole	0.01	0.1	32	0	0
clothianidin	Whole	0.01	2	32	0	0
cyantraniliprole	Whole	0.01	0.05	32	0	0
cyfluthrin	Whole	0.01	not set	32	-	-
cyhalothrin	Whole	0.01	not set	32	-	-
cypermethrin	Whole	0.01	1	32	0	0
deltamethrin	Whole	0.01	not set	32	-	-
diazinon	Whole	0.01	0.5	32	0	0
dichlorvos	Whole	0.01	0.1	32	0	0
dicofol	Whole	0.01	5	32	0	0
diflubenzuron	Whole	0.01	not set	32	-	-
dimethoate	Whole	0.01	not set	32	-	-
disulfoton	Whole	0.01	not set	32	-	-
emamectin	Whole	0.005	not set	32	-	-
ethion	Whole	0.01	1	32	0	0
ethoprophos	Whole	0.005	not set	32	-	-
etoxazole	Whole	0.01	0.2	32	0	0
fenamiphos	Whole	0.01	not set	32	-	-
fenbutatin oxide	Whole	0.01	3	32	0	0
fenitrothion	Whole	0.01	not set	32	-	-
fenoxycarb	Whole	0.01	2	32	0	0
fenpyroximate	Whole	0.01	0.3	32	0	0
fenthion	Whole	0.01	not set	32	-	-
fenvalerate	Whole	0.01	not set	32	-	-
fipronil	Whole	0.005	not set	32	-	-
flonicamid	Whole	0.01	0.7	32	0	0
flupyradifurone	Whole	0.01	0.2	32	0	0
hexythiazox	Whole	0.01	1	32	0	0

imidacloprid	Whole	0.01	not set	32	-	-
indoxacarb	Whole	0.01	2	32	0	0
malathion	Whole	0.01	2	32	0	0
metaldehyde	Whole	0.05	1	32	0	0
methacrifos	Whole	0.01	not set	32	-	-
methamidophos	Whole	0.01	not set	32	-	-
methidathion	Whole	0.01	not set	32	-	-
methiocarb	Whole	0.01	0.1	32	0	0
methomyl	Whole	0.01	3	32	0	0
methoprene	Whole	0.01	not set	32	-	-
methoxychlor	Whole	0.01	not set	32	-	-
methoxyfenozide	Whole	0.01	0.5	32	0	0
mevinphos	Whole	0.01	not set	32	-	-
monocrotophos	Whole	0.01	not set	32	-	-
novaluron	Whole	0.01	0.3	32	0	0
omethoate	Whole	0.01	2	32	0	0
parathion	Whole	0.01	not set	32	-	-
parathion-methyl	Whole	0.01	not set	32	-	-
permethrin	Whole	0.01	not set	32	-	-
phenothrin	Whole	0.01	not set	32	-	-
phorate	Whole	0.01	not set	32	-	-
phosmet	Whole	0.01	not set	32	-	-
piperonyl butoxide	Whole	0.01	8	32	0	0
pirimicarb	Whole	0.01	0.5	32	0	0
pirimiphos-methyl	Whole	0.01	not set	32	-	-
profenofos	Whole	0.01	not set	32	-	-
propargite	Whole	0.01	3	32	0	0
prothiofos	Whole	0.01	0.05	32	0	0
pymetrozine	Whole	0.01	not set	32	-	-
pyrethrins	Whole	0.05	1	32	0	0
pyridaben	Whole	0.02	0.5	32	0	0
pyriproxyfen	Whole	0.01	not set	32	-	-
spinetoram	Whole	0.01	0.1	32	0	0
spinosad	Whole	0.01	0.5	32	0	0
spirotetramat	Whole	0.01	0.5	32	0	0
sulfoxaflor	Whole	0.01	0.5	32	0	0
tau-fluvalinate	Whole	0.01	not set	32	-	-
tebufenozide	Whole	0.01	1	32	0	0
tebufenpyrad	Whole	0.01	1	32	0	0
terbufos	Whole	0.005	not set	32	-	-
tetradifon	Whole	0.01	not set	32	-	-
thiacloprid	Whole	0.01	1	32	0	0

thiamethoxam	Whole	0.01	not set	32	-	-
thiodicarb	Whole	0.01	not set	32	-	-
triazofos	Whole	0.01	not set	32	-	-
trichlorfon	Whole	0.01	0.1	32	0	0
triflumuron	Whole	0.01	not set	32	-	-

Table 5: METALS

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
arsenic (total)	Whole	0.05	no limit	17	0	0
cadmium	Whole	0.01	no limit	17	0	0
copper	Whole	0.05	no limit	17	0	0
lead	Whole	0.01	0.1	17	0	0
mercury (total)	Whole	0.01	no limit	17	0	0

Table 6: PHYSIOLOGICAL MODIFIER

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
diphenylamine	Whole	0.01	7	32	0	0
forchlorfenuron	Whole	0.01	not set	32	-	-
prohexadione-calcium	Whole	0.01	not set	32	-	-