



# Pear residue testing annual datasets 2021-22

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.

## Disclaimer

Although the Australian Government has exercised due care and skill in the preparation and compilation of this publication, it does not warrant its accuracy, completeness, currency or suitability for any purpose. To the maximum extent permitted by law, the Australian Government disclaims all liability, including liability in negligence for any loss, damage, cost or expense incurred by persons as a result of accessing, using or relying on any of the information or data set out in this publication. Before relying on the material in any matters, users should carefully evaluate its accuracy, currency, completeness and relevance for the purposes intended, and should obtain any appropriate professional advice relevant to their particular circumstances.

**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	54	0	0
chlordane	Whole	0.01	0.02	54	0	0
DDT	Whole	0.01	1	54	0	0
endosulfan	Whole	0.01	not set	54	-	-
endrin	Whole	0.01	not set	54	-	-
HCB	Whole	0.01	not set	54	-	-
HCH	Whole	0.01	not set	54	-	-
heptachlor	Whole	0.01	not set	54	-	-
lindane (gamma-HCH)	Whole	0.01	0.5	54	0	0
mirex	Whole	0.01	not set	54	-	-

**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	54	-	-



azoxystrobin	Whole	0.01	not set	54	-	-
benalaxyl	Whole	0.01	not set	54	-	-
bitertanol	Whole	0.01	not set	54	-	-
boscalid	Whole	0.01	2	54	0	0
bupirimate	Whole	0.01	not set	54	-	-
captafol	Whole	0.05	not set	54	-	-
captan	Whole	0.05	10	54	0	0
carbendazim	Whole	0.01	not set	54	-	-
chlorothalonil	Whole	0.01	not set	54	-	-
cyproconazole	Whole	0.01	not set	54	-	-
cyprodinil	Whole	0.01	0.05	54	0	0
difenoconazole	Whole	0.01	0.3	54	0	0
dimethomorph	Whole	0.01	not set	54	-	-
dithianon	Whole	0.01	2	54	0	0
dithiocarbamates	Whole	0.2	3	54	0	0
dodine	Whole	0.01	5	54	0	0
epoxiconazole	Whole	0.01	not set	54	-	-
etridiazole	Whole	0.01	not set	54	-	-
fenarimol	Whole	0.01	not set	54	-	-
fenbuconazole	Whole	0.01	not set	54	-	-
fenhexamid	Whole	0.01	not set	54	-	-
fluzinam	Whole	0.01	0.01	54	0	0
fludioxonil	Whole	0.01	5	54	1	0
fluopyram	Whole	0.01	1	54	0	0
fluquinconazole	Whole	0.01	0.3	54	0	0
flusilazole	Whole	0.01	0.2	54	0	0
flutriafol	Whole	0.01	0.5	54	0	0
hexaconazole	Whole	0.01	0.1	54	0	0
imazalil	Whole	0.01	5	54	0	0
iprodione	Whole	0.01	3	54	0	0
kresoxim-methyl	Whole	0.01	0.1	54	0	0
mandestrobin	Whole	0.01	not set	54	-	-
metalaxyl	Whole	0.01	0.2	54	0	0
metrafenone	Whole	0.01	not set	54	-	-
myclobutanil	Whole	0.01	0.5	54	0	0
oxadixyl	Whole	0.01	not set	54	-	-
paclobutrazol	Whole	0.01	1	54	0	0
penconazole	Whole	0.01	0.1	54	0	0
penthiopyrad	Whole	0.01	0.5	54	0	0



prochloraz	Whole	0.01	not set	54	-	-
procymidone	Whole	0.01	not set	54	-	-
propiconazole	Whole	0.01	not set	54	-	-
prothioconazole	Whole	0.01	not set	54	-	-
pyraclostrobin	Whole	0.01	1	54	0	0
pyrimethanil	Whole	0.01	15	54	0	0
tebuconazole	Whole	0.01	0.01	54	0	0
thiabendazole	Whole	0.01	10	54	0	0
tolclofos methyl	Whole	0.01	not set	54	-	-
triadimefon	Whole	0.01	not set	54	-	-
triadimenol	Whole	0.01	not set	54	-	-
trifloxystrobin	Whole	0.01	0.7	54	0	0
triforine	Whole	0.01	1	54	0	0
triticonazole	Whole	0.01	not set	54	-	-
vinclozolin	Whole	0.01	not set	54	-	-

**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	54	0	0
2,4-D	Whole	0.01	0.05	54	0	0
atrazine	Whole	0.01	not set	54	-	-
bromacil	Whole	0.01	not set	54	-	-
bromoxynil	Whole	0.01	not set	54	-	-
carfentrazone-ethyl	Whole	0.01	0.05	54	0	0
chlorpropham	Whole	0.05	not set	54	-	-
chlorsulfuron	Whole	0.01	not set	54	-	-
chlorthal-dimethyl	Whole	0.01	not set	54	-	-
clethodim	Whole	0.01	not set	54	-	-
clodinafop-propargyl	Whole	0.01	not set	54	-	-
clopyralid	Whole	0.05	not set	54	-	-
cyanazine	Whole	0.01	not set	54	-	-
dicamba	Whole	0.01	not set	54	-	-
dichlobenil	Whole	0.01	0.1	54	0	0
dichlorprop-P	Whole	0.01	not set	54	-	-
diflufenican	Whole	0.01	not set	54	-	-
diuron	Whole	0.01	not set	54	-	-
ethofumesate	Whole	0.01	not set	54	-	-



fenoxaprop-ethyl	Whole	0.01	not set	29	-	-
flumioxazin	Whole	0.02	0.02	54	0	0
iodosulfuron-methyl	Whole	0.01	not set	54	-	-
ioxynil	Whole	0.01	not set	54	-	-
isoxaben	Whole	0.01	0.01	54	0	0
linuron	Whole	0.01	not set	54	-	-
MCPA	Whole	0.01	not set	54	-	-
methabenzthiazuron	Whole	0.01	not set	54	-	-
metolachlor	Whole	0.01	not set	54	-	-
metosulam	Whole	0.01	not set	54	-	-
metribuzin	Whole	0.01	not set	54	-	-
metsulfuron-methyl	Whole	0.01	not set	54	-	-
napropamide	Whole	0.01	not set	54	-	-
norflurazon	Whole	0.01	0.2	54	0	0
oryzalin	Whole	0.01	0.1	54	0	0
oxyfluorfen	Whole	0.01	0.05	54	0	0
pendimethalin	Whole	0.01	0.05	54	0	0
picloram	Whole	0.01	not set	54	-	-
propachlor	Whole	0.01	not set	54	-	-
propyzamide	Whole	0.01	not set	54	-	-
quizalofop-ethyl	Whole	0.01	not set	54	-	-
quizalofop-P-tefuryl	Whole	0.01	not set	54	-	-
saflufenacil	Whole	0.01	0.03	54	0	0
sethoxydim	Whole	0.01	not set	54	-	-
simazine	Whole	0.01	0.1	54	0	0
tralkoxydim	Whole	0.01	not set	54	-	-
triasulfuron	Whole	0.01	not set	54	-	-
triclopyr	Whole	0.01	not set	54	-	-
trifluralin	Whole	0.01	0.05	54	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	54	0	0
acephate	Whole	0.05	not set	54	-	-
acetamiprid	Whole	0.01	0.3	54	0	0
aldicarb	Whole	0.01	not set	54	-	-
amitraz	Whole	0.01	not set	54	-	-
azamethiphos	Whole	0.01	not set	54	-	-



azinthos-methyl	Whole	0.01	not set	54	-	-
bifenazate	Whole	0.01	2	54	0	0
bifenthrin	Whole	0.01	0.5	54	0	0
bioresmethrin	Whole	0.01	not set	54	-	-
buprofezin	Whole	0.01	0.2	54	0	0
cadusafos	Whole	0.005	not set	54	-	-
carbaryl	Whole	0.01	0.2	54	0	0
carbofuran	Whole	0.005	not set	54	-	-
chlorantraniliprole	Whole	0.01	0.3	54	0	0
chlorfenapyr	Whole	0.01	0.5	54	0	0
chlorfenvinphos	Whole	0.01	not set	54	-	-
chlorpyrifos	Whole	0.005	0.5	54	0	0
chlorpyrifos-methyl	Whole	0.005	not set	54	-	-
clofentezine	Whole	0.01	0.1	54	0	0
clothianidin	Whole	0.01	2	54	0	0
cyantraniliprole	Whole	0.01	0.05	54	0	0
cyfluthrin	Whole	0.01	not set	54	-	-
cyhalothrin	Whole	0.01	not set	54	-	-
cypermethrin	Whole	0.01	1	54	0	0
deltamethrin	Whole	0.01	not set	54	-	-
diazinon	Whole	0.01	0.5	54	0	0
dichlorvos	Whole	0.01	0.1	54	0	0
dicofol	Whole	0.01	5	54	0	0
diflubenzuron	Whole	0.01	not set	54	-	-
dimethoate	Whole	0.01	not set	54	-	-
disulfoton	Whole	0.01	not set	54	-	-
emamectin	Whole	0.005	not set	54	-	-
ethion	Whole	0.01	1	54	0	0
ethoprophos	Whole	0.005	not set	54	-	-
etoxazole	Whole	0.01	0.2	54	0	0
fenamiphos	Whole	0.01	not set	54	-	-
fenbutatin oxide	Whole	0.01	3	54	0	0
fenitrothion	Whole	0.01	not set	54	-	-
fenoxycarb	Whole	0.01	2	54	0	0
fenpyroximate	Whole	0.01	0.3	54	0	0
fenthion	Whole	0.01	not set	54	-	-
fenvalerate	Whole	0.01	not set	54	-	-
fipronil	Whole	0.005	not set	54	-	-
flonicamid	Whole	0.01	0.7	54	0	0



hexythiazox	Whole	0.01	1	54	0	0
imidacloprid	Whole	0.01	not set	54	-	-
indoxacarb	Whole	0.01	2	54	0	0
malathion	Whole	0.01	2	54	0	0
metaldehyde	Whole	0.05	1	54	0	0
methacrifos	Whole	0.01	not set	54	-	-
methamidophos	Whole	0.01	not set	54	-	-
methidathion	Whole	0.01	not set	54	-	-
methiocarb	Whole	0.01	0.1	54	0	0
methomyl	Whole	0.01	3	54	0	0
methoprene	Whole	0.01	not set	54	-	-
methoxychlor	Whole	0.01	not set	54	-	-
methoxyfenozide	Whole	0.01	0.5	54	0	0
mevinphos	Whole	0.01	not set	54	-	-
monocrotophos	Whole	0.01	not set	54	-	-
novaluron	Whole	0.01	0.3	54	0	0
omethoate	Whole	0.01	2	54	0	0
parathion	Whole	0.01	not set	54	-	-
parathion-methyl	Whole	0.01	not set	54	-	-
permethrin	Whole	0.01	not set	54	-	-
phenothrin	Whole	0.01	not set	54	-	-
phorate	Whole	0.01	not set	54	-	-
phosmet	Whole	0.01	not set	54	-	-
piperonyl butoxide	Whole	0.01	8	54	0	0
pirimicarb	Whole	0.01	0.5	54	0	0
pirimiphos-methyl	Whole	0.01	not set	54	-	-
profenofos	Whole	0.01	not set	54	-	-
propargite	Whole	0.01	3	54	0	0
prothiofos	Whole	0.01	0.05	54	0	0
pymetrozine	Whole	0.01	not set	54	-	-
pyrethrins	Whole	0.05	1	54	0	0
pyridaben	Whole	0.02	0.5	54	0	0
pyriproxyfen	Whole	0.01	not set	54	-	-
spinetoram	Whole	0.01	0.1	54	0	0
spinosad	Whole	0.01	0.5	54	0	0
spirotetramat	Whole	0.01	0.5	54	0	0
sulfoxaflor	Whole	0.01	0.5	54	0	0
tau-fluvalinate	Whole	0.01	not set	54	-	-
tebufenozide	Whole	0.01	1	54	0	0



tebufenpyrad	Whole	0.01	1	54	0	0
terbufos	Whole	0.005	not set	54	-	-
tetradifon	Whole	0.01	not set	54	-	-
thiacloprid	Whole	0.01	1	54	0	0
thiamethoxam	Whole	0.01	not set	54	-	-
thiodicarb	Whole	0.01	not set	54	-	-
triazofos	Whole	0.01	not set	54	-	-
trichlorfon	Whole	0.01	0.1	54	0	0
triflumuron	Whole	0.01	not set	54	-	-

**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	28	0	0
cadmium	Whole	0.01	no limit	28	0	0
copper	Whole	0.05	no limit	28	0	0
lead	Whole	0.01	0.1	28	0	0
mercury (total)	Whole	0.01	no limit	28	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	54	2	0