



Pear residue testing annual datasets 2016–17

National Residue Survey, Department of Agriculture and Water Resources

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 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 Fungicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
2-phenylphenol	Whole	0.05	Not Set	99	–	0
azoxystrobin	Whole	0.01	Not Set	99	–	0
benalaxyl	Whole	0.01	Not Set	99	–	0
bitertanol	Whole	0.01	Not Set	99	–	0
boscalid	Whole	0.01	2	99	0	0
bupirimate	Whole	0.01	Not Set	99	–	0
captafol	Whole	0.05	Not Set	99	–	0
captan	Whole	0.05	10	99	0	0
carbendazim	Whole	0.01	Not Set	99	–	0
chlorothalonil	Whole	0.01	Not Set	99	–	0
cyproconazole	Whole	0.01	Not Set	99	–	0
cyprodinil	Whole	0.01	0.05	99	0	0

Pear residue testing annual datasets 2016–17

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
difenoconazole	Whole	0.01	0.3	99	0	0
dimethomorph (sum of E and Z isomers)	Whole	0.01	Not Set	99	–	0
dithianon	Whole	0.01	2	99	0	0
dithiocarbamates	Whole	0.2	3	99	3	0
dodine	Whole	0.01	5	99	0	0
epoxiconazole	Whole	0.01	Not Set	99	–	0
etridiazole	Whole	0.01	Not Set	99	–	0
fenarimol	Whole	0.01	0.2	99	0	0
fenhexamid	Whole	0.01	Not Set	99	–	0
fluazinam	Whole	0.01	0.01	99	0	0
fludioxonil	Whole	0.01	5	99	0	0
fluquinconazole	Whole	0.01	0.3	99	0	0
flusilazole	Whole	0.01	0.2	99	0	0
flutriafol	Whole	0.01	Not Set	99	–	0
hexaconazole	Whole	0.01	0.1	99	0	0
imazalil	Whole	0.01	5	99	4	2
iprodione	Whole	0.05	3	99	7	0
kresoxim-methyl	Whole	0.01	0.1	99	0	0
metalaxyl	Whole	0.01	0.2	99	0	0
metrafenone	Whole	0.01	Not Set	99	–	0
myclobutanil	Whole	0.01	0.5	99	0	0
oxadixyl	Whole	0.01	Not Set	99	–	0
paclobutrazol	Whole	0.01	1	99	0	0
penconazole	Whole	0.01	0.1	99	0	0
penthiopyrad	Whole	0.01	0.5	99	0	0
prochloraz	Whole	0.01	Not Set	99	–	0
procymidone	Whole	0.01	1	99	0	0
propiconazole	Whole	0.01	Not Set	99	–	0
prothioconazole	Whole	0.05	Not Set	99	–	0
pyraclostrobin	Whole	0.01	1	99	0	0
pyrimethanil	Whole	0.01	15	99	0	0
tebuconazole	Whole	0.01	0.01	99	0	0
thiabendazole	Whole	0.01	10	99	0	0
tolclofos methyl	Whole	0.01	Not Set	99	–	0
triadimefon	Whole	0.01	Not Set	99	–	0
triadimenol	Whole	0.01	Not Set	99	–	0
trifloxystrobin	Whole	0.01	0.3	99	0	0
triticonazole	Whole	0.01	Not Set	99	–	0
vinclozolin	Whole	0.01	Not Set	99	–	0

Table 2 Herbicides

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
2,2-DPA (2,2-dichloropropionic acid)	Whole	0.05	0.1	99	0	0
2,4-D	Whole	0.01	0.05	99	1	0
atrazine	Whole	0.01	Not Set	99	–	0
bromacil	Whole	0.01	Not Set	99	–	0
bromoxynil	Whole	0.01	Not Set	99	–	0
carfentrazone-ethyl	Whole	0.01	0.05	99	0	0
chlorpropham	Whole	0.05	Not Set	99	–	0
chlorsulfuron	Whole	0.01	Not Set	99	–	0
chlorthal-dimethyl	Whole	0.01	Not Set	99	–	0
clethodim (parent only)	Whole	0.01	Not Set	99	–	0
clodinafop-propargyl	Whole	0.01	Not Set	99	–	0
clopyralid	Whole	0.05	Not Set	99	–	0
cyanazine	Whole	0.01	Not Set	99	–	0
dicamba	Whole	0.01	Not Set	99	–	0
dichlobenil	Whole	0.01	0.1	99	0	0
dichlorprop-P	Whole	0.01	Not Set	99	–	0
diflufenican	Whole	0.01	Not Set	99	–	0
diuron	Whole	0.01	0.5	99	0	0
ethofumesate	Whole	0.01	Not Set	99	–	0
iodosulfuron-methyl	Whole	0.01	Not Set	99	–	0
ioxynil	Whole	0.01	Not Set	99	–	0
isoxaben	Whole	0.01	0.01	99	0	0
linuron	Whole	0.05	Not Set	99	–	0
MCPA	Whole	0.01	Not Set	99	–	0
methabenzthiazuron	Whole	0.01	Not Set	99	–	0
metolachlor	Whole	0.01	Not Set	99	–	0
metosulam	Whole	0.01	Not Set	99	–	0
metribuzin	Whole	0.01	Not Set	99	–	0
metsulfuron-methyl	Whole	0.01	Not Set	99	–	0
napropamide	Whole	0.01	Not Set	99	–	0
norflurazon	Whole	0.01	0.2	99	0	0
oryzalin	Whole	0.01	0.1	99	0	0
oxyfluorfen	Whole	0.01	0.05	99	0	0
pendimethalin	Whole	0.01	0.05	99	1	0
picloram	Whole	0.01	Not Set	99	–	0
propachlor	Whole	0.01	Not Set	99	–	0
propyzamide	Whole	0.01	Not Set	99	–	0
quizalofop-ethyl	Whole	0.01	Not Set	99	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
quizalofop-P-tefuryl	Whole	0.01	Not Set	99	–	0
saflufenacil	Whole	0.01	0.03	99	0	0
sethoxydim	Whole	0.01	Not Set	99	–	0
simazine	Whole	0.01	0.1	99	0	0
tralkoxydim	Whole	0.01	Not Set	99	–	0
triasulfuron	Whole	0.01	Not Set	99	–	0
triclopyr	Whole	0.01	Not Set	99	–	0
trifluralin	Whole	0.01	0.05	99	0	0

Table 3 Insecticides

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
abamectin	Whole	0.01	0.01	99	0	0
acephate	Whole	0.05	Not Set	99	–	0
acetamiprid	Whole	0.01	0.3	99	0	0
aldicarb	Whole	0.01	Not Set	99	–	0
amitraz	Whole	0.01	Not Set	99	–	0
azamethiphos	Whole	0.01	Not Set	99	–	0
azinphos-methyl	Whole	0.01	1	99	0	0
bifenazate	Whole	0.01	2	99	0	0
bifenthrin	Whole	0.01	0.5	99	0	0
bioresmethrin	Whole	0.01	Not Set	99	–	0
buprofezin	Whole	0.01	0.2	99	0	0
cadusafos	Whole	0.01	Not Set	99	–	0
carbaryl	Whole	0.01	0.2	99	0	0
carbofuran	Whole	0.01	Not Set	99	–	0
chlorantraniliprole	Whole	0.01	0.3	99	0	0
chlorfenapyr	Whole	0.01	0.5	99	0	0
chlorfenvinphos (sum of isomers)	Whole	0.01	Not Set	99	–	0
chlorpyrifos	Whole	0.01	0.5	99	0	0
chlorpyrifos-methyl	Whole	0.01	Not Set	99	–	0
clofentezine	Whole	0.01	0.1	99	0	0
clothianidin	Whole	0.01	2	99	0	0
cyfluthrin (sum of isomers)	Whole	0.01	Not Set	99	–	0
cyhalothrin (sum of isomers)	Whole	0.01	Not Set	99	–	0
cypermethrin (sum of isomers)	Whole	0.01	1	99	0	0
deltamethrin	Whole	0.01	Not Set	99	–	0

Pear residue testing annual datasets 2016–17

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
diazinon	Whole	0.01	0.5	99	0	0
dichlorvos	Whole	0.01	0.1	99	0	0
dicofol	Whole	0.01	5	99	0	0
diflubenzuron	Whole	0.01	Not Set	99	–	0
dimethoate	Whole	0.01	Not Set	99	–	0
disulfoton	Whole	0.01	Not Set	99	–	0
emamectin	Whole	0.01	Not Set	99	–	0
esfenvalerate	Whole	0.01	Not Set	99	–	0
ethion	Whole	0.01	1	99	0	0
ethoprophos	Whole	0.005	Not Set	99	–	0
etoxazole	Whole	0.01	0.2	99	0	0
fenamiphos	Whole	0.01	Not Set	99	–	0
fenbutatin oxide	Whole	0.01	3	99	0	0
fenitrothion	Whole	0.01	Not Set	99	–	0
fenoxycarb	Whole	0.01	2	99	0	0
fenpyroximate	Whole	0.01	0.3	99	0	0
fenthion	Whole	0.01	Not Set	99	–	0
fenvalerate (sum of isomers)	Whole	0.01	Not Set	99	–	1
fipronil	Whole	0.01	0.01	99	0	0
flonicamid	Whole	0.01	0.7	99	0	0
hexythiazox	Whole	0.01	1	99	0	0
imidacloprid	Whole	0.01	Not Set	99	–	0
indoxacarb	Whole	0.01	2	99	0	0
malathion (maldison)	Whole	0.01	2	99	0	0
metaldehyde	Whole	0.05	1	99	0	0
methacrifos	Whole	0.01	Not Set	99	–	0
methamidophos	Whole	0.01	Not Set	99	–	0
methidathion	Whole	0.01	0.2	99	0	0
methiocarb	Whole	0.01	0.1	99	0	0
methomyl	Whole	0.01	3	99	0	0
methoprene	Whole	0.01	Not Set	99	–	0
methoxychlor	Whole	0.01	Not Set	99	–	0
methoxyfenozide	Whole	0.01	0.5	99	0	0
mevinphos	Whole	0.01	Not Set	99	–	0
monocrotophos	Whole	0.01	Not Set	99	–	0
omethoate	Whole	0.01	2	99	0	0
parathion	Whole	0.01	Not Set	99	–	0
parathion-methyl	Whole	0.01	Not Set	99	–	0

Pear residue testing annual datasets 2016–17

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
permethrin (sum of isomers)	Whole	0.01	Not Set	99	–	0
phenothrin (sum of isomers)	Whole	0.01	Not Set	99	–	0
phorate	Whole	0.01	Not Set	99	–	0
phosmet	Whole	0.01	1	99	0	0
piperonyl butoxide	Whole	0.01	8	99	0	0
pirimicarb	Whole	0.01	0.5	99	0	0
pirimiphos-methyl	Whole	0.01	Not Set	99	–	0
profenofos	Whole	0.01	Not Set	99	–	0
propargite	Whole	0.01	3	99	0	0
prothiofos	Whole	0.01	0.05	99	0	0
pymetrozine	Whole	0.01	Not Set	99	–	0
pyrethrins	Whole	0.05	1	99	0	0
pyridaben	Whole	0.02	0.5	99	0	0
pyriproxyfen	Whole	0.01	Not Set	99	–	0
spinetoram	Whole	0.01	0.1	99	0	0
spinosad	Whole	0.01	0.5	99	0	0
spirotetramat	Whole	0.01	0.5	99	0	0
sulfoxaflor	Whole	0.01	0.5	99	0	0
tau-fluvalinate	Whole	0.01	Not Set	99	–	0
tebufenozide	Whole	0.01	1	99	0	0
tebufenpyrad	Whole	0.01	1	99	0	0
terbufos	Whole	0.01	Not Set	99	–	0
tetradifon	Whole	0.01	5	99	0	0
thiacloprid	Whole	0.01	1	99	0	0
thiamethoxam	Whole	0.01	Not Set	99	–	0
thiodicarb	Whole	0.01	Not Set	99	–	0
triazofos	Whole	0.01	Not Set	99	–	0
trichlorfon	Whole	0.01	0.1	99	0	0
triflumuron	Whole	0.01	Not Set	99	–	0

Table 4 Contaminants

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
aldrin and dieldrin (HHDN+HEOD)	Whole	0.01	0.05	99	0	0
chlordane	Whole	0.01	0.02	99	0	0
DDT	Whole	0.01	1	99	0	0
endosulfan	Whole	0.01	Not Set	99	–	0
endrin	Whole	0.01	Not Set	99	–	0
HCB (hexachlorobenzene)	Whole	0.01	Not Set	99	–	0
HCH (BHC)	Whole	0.01	Not Set	99	–	0
heptachlor	Whole	0.01	Not Set	99	–	0
lindane (gamma-HCH)	Whole	0.01	0.5	99	0	0
mirex	Whole	0.01	Not Set	99	–	0

Table 4 - Physiological Modifier

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
diphenylamine	Whole	0.01	7	99	8	1