



Pear residue testing annual datasets 2015–16

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.

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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	25	94	0	0
azoxystrobin	whole	0.01	not set	94	–	0
benalaxyl	whole	0.01	not set	94	–	0
bitertanol	whole	0.01	not set	94	–	0
boscalid	whole	0.01	2	94	0	0
bupirimate	whole	0.01	not set	94	–	1
captafol	whole	0.05	not set	94	–	0
captan	whole	0.05	10	94	0	0
carbendazim	whole	0.01	not set	94	–	2
chlorothalonil	whole	0.01	2	94	0	0
cyproconazole	whole	0.01	not set	94	–	0
cyprodinil	whole	0.01	0.05	94	0	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
difenoconazole	whole	0.01	0.3	94	0	0
dimethomorph	whole	0.01	not set	94	–	0
dithianon	whole	0.01	2	94	0	0
dithiocarbamates	whole	0.2	3	94	2	0
dodine	whole	0.01	5	94	0	0
epoxiconazole	whole	0.01	not set	94	–	0
etridiazole	whole	0.01	not set	94	–	0
fenarimol	whole	0.01	0.2	94	0	0
fenhexamid	whole	0.01	not set	94	–	0
fluazinam	whole	0.01	0.01	94	0	0
fludioxonil	whole	0.01	5	94	0	0
fluquinconazole	whole	0.01	0.3	94	0	0
flusilazole	whole	0.01	0.2	94	0	0
flutriafol	whole	0.01	not set	94	–	0
hexaconazole	whole	0.01	0.1	94	0	0
imazalil	whole	0.01	5	94	3	1
iprodione	whole	0.05	3	94	7	1
kresoxim-methyl	whole	0.01	0.1	94	0	0
metalaxyl	whole	0.01	0.2	94	0	0
myclobutanil	whole	0.01	0.5	94	0	0
oxadixyl	whole	0.01	not set	94	–	0
paclobutrazol	whole	0.01	1	94	0	0
penconazole	whole	0.01	0.1	94	0	0
prochloraz	whole	0.01	not set	94	–	0
procymidone	whole	0.01	1	94	0	0
propiconazole	whole	0.01	not set	94	–	0
prothioconazole	whole	0.05	not set	94	–	0
pyraclostrobin	whole	0.01	1	94	0	0
pyrimethanil	whole	0.01	0.05	94	0	0
tebuconazole	whole	0.01	0.01	94	0	0
thiabendazole	whole	0.01	10	94	0	0
tolclofos methyl	whole	0.01	not set	94	–	0
triadimefon	whole	0.01	not set	94	–	0
triadimenol	whole	0.01	not set	94	–	0
trifloxystrobin	whole	0.01	0.3	94	0	0
triticonazole	whole	0.01	not set	94	–	0
vinclozolin	whole	0.01	not set	94	–	0

Table 2 Herbicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
2,2-DPA (2,2-dichloropropionic acid)	whole	0.05	0.1	94	0	0
2,4-D	whole	0.01	0.05	94	0	0
atrazine	whole	0.01	not set	94	–	0
bromacil	whole	0.01	not set	94	–	0
bromoxynil	whole	0.01	not set	94	–	0
carfentrazone-ethyl	whole	0.01	0.05	94	0	0
chlorpropham	whole	0.05	not set	94	–	0
chlorsulfuron	whole	0.01	not set	94	–	0
chlorthal-dimethyl	whole	0.01	not set	94	–	0
clethodim (parent only)	whole	0.01	not set	94	–	0
clodinafop-propargyl	whole	0.01	not set	94	–	0
clopyralid	whole	0.05	not set	94	–	0
cyanazine	whole	0.01	not set	94	–	0
dicamba	whole	0.01	not set	94	–	0
dichlobenil	whole	0.01	0.1	94	0	0
dichlorprop-P	whole	0.01	not set	94	–	0
diflufenican	whole	0.01	not set	94	–	0
diuron	whole	0.01	0.5	94	0	0
ethofumesate	whole	0.01	not set	94	–	0
iodosulfuron-methyl	whole	0.01	not set	94	–	0
ioxynil	whole	0.01	not set	94	–	0
isoxaben	whole	0.01	0.01	94	0	0
linuron	whole	0.05	not set	94	–	0
MCPA	whole	0.01	not set	94	–	0
methabenthiazuron	whole	0.01	not set	94	–	0
metolachlor	whole	0.01	not set	94	–	0
metosulam	whole	0.01	not set	94	–	0
metribuzin	whole	0.01	not set	94	–	0
metsulfuron-methyl	whole	0.01	not set	94	–	0
napropamide	whole	0.01	not set	94	–	0
norflurazon	whole	0.01	0.2	94	0	0
oryzalin	whole	0.01	0.1	94	0	0
oxyfluorfen	whole	0.01	0.05	94	0	0
pendimethalin	whole	0.01	0.05	94	0	0
picloram	whole	0.01	not set	94	–	0
propachlor	whole	0.01	not set	94	–	0
propyzamide	whole	0.01	not set	80	–	0
quizalofop-ethyl	whole	0.01	not set	94	–	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
quizalofop-P-tefuryl	whole	0.01	not set	94	–	0
saflufenacil	whole	0.01	0.03	94	0	0
sethoxydim	whole	0.01	not set	94	–	0
simazine	whole	0.01	0.1	94	0	0
tralkoxydim	whole	0.01	not set	94	–	0
triasulfuron	whole	0.01	not set	94	–	0
triclopyr	whole	0.01	not set	94	–	0
trifluralin	whole	0.01	0.05	94	0	0

Table 3 Insecticides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
abamectin	whole	0.01	0.5	94	0	0
acephate	whole	0.05	not set	94	–	0
acetamiprid	whole	0.01	not set	94	–	0
aldicarb	whole	0.01	not set	94	–	0
amitraz	whole	0.01	not set	94	–	0
azamethiphos	whole	0.01	not set	94	–	0
azinphos-methyl	whole	0.01	1	94	0	0
bifenazate	whole	0.01	2	94	0	0
bifenthrin	whole	0.01	0.5	94	1	0
bioresmethrin	whole	0.01	not set	94	–	0
buprofezin	whole	0.01	0.2	94	0	0
cadusafos	whole	0.01	not set	94	–	0
carbaryl	whole	0.01	0.2	94	0	0
carbofuran	whole	0.01	not set	94	–	0
chlorantraniliprole	whole	0.01	0.3	94	3	0
chlorfenapyr	whole	0.01	0.5	94	0	0
chlorfenvinphos	whole	0.01	not set	94	–	0
chlorpyrifos	whole	0.01	0.5	94	0	0
chlorpyrifos-methyl	whole	0.01	not set	94	–	0
clofentezine	whole	0.01	0.1	94	0	0
clothianidin	whole	0.01	2	94	0	0
cyfluthrin	whole	0.01	not set	94	–	0
cyhalothrin	whole	0.01	not set	94	–	0
cypermethrin	whole	0.01	1	94	0	0
deltamethrin	whole	0.01	not set	94	–	0
diazinon	whole	0.01	0.5	94	0	0
dichlorvos	whole	0.01	0.1	94	0	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dicofol	whole	0.01	5	94	0	0
diflubenzuron	whole	0.01	not set	94	–	0
dimethoate	whole	0.01	not set	94	–	0
disulfoton	whole	0.01	not set	94	–	0
emamectin	whole	0.01	not set	94	–	0
endosulfan	whole	0.01	not set	94	–	0
esfenvalerate	whole	0.01	not set	94	–	0
ethion	whole	0.01	1	94	0	0
ethoprophos	whole	0.005	not set	94	–	0
etoxazole	whole	0.01	0.2	94	0	0
fenamiphos	whole	0.01	not set	94	–	0
fenbutatin oxide	whole	0.01	3	94	1	0
fenitrothion	whole	0.01	1	94	0	0
fenoxycarb	whole	0.01	2	94	0	0
fenpyroximate	whole	0.01	0.3	94	0	0
fenthion	whole	0.01	not set	94	–	0
fenvalerate	whole	0.01	not set	94	–	0
fipronil	whole	0.01	0.01	94	0	0
hexythiazox	whole	0.01	1	94	0	0
imidacloprid	whole	0.01	not set	94	–	0
indoxacarb	whole	0.01	2	94	0	0
malathion (maldison)	whole	0.01	2	94	0	0
metaldehyde	whole	0.05	1	94	0	0
methacrifos	whole	0.01	not set	94	–	0
methamidophos	whole	0.01	not set	94	–	0
methidathion	whole	0.01	0.2	94	0	0
methiocarb	whole	0.01	0.1	94	0	0
methomyl	whole	0.01	3	94	0	0
methoprene	whole	0.01	not set	94	–	0
methoxychlor	whole	0.01	not set	94	–	0
methoxyfenozide	whole	0.01	0.5	94	0	0
mevinphos	whole	0.01	not set	94	–	0
monocrotophos	whole	0.01	not set	94	–	0
omethoate	whole	0.01	2	94	0	0
parathion	whole	0.01	not set	94	–	0
parathion-methyl	whole	0.01	not set	94	–	0
permethrin	whole	0.01	not set	94	–	0
phenothrin	whole	0.01	not set	94	–	0
phorate	whole	0.01	not set	94	–	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
phosmet	whole	0.01	1	94	0	0
piperonyl butoxide	whole	0.01	8	94	0	0
pirimicarb	whole	0.01	0.5	94	0	0
pirimiphos-methyl	whole	0.01	not set	94	–	0
profenofos	whole	0.01	not set	94	–	0
propargite	whole	0.01	3	94	0	0
prothiofos	whole	0.01	0.05	94	0	0
pymetrozine	whole	0.01	not set	94	–	0
pyrethrins	whole	0.05	1	94	0	0
pyridaben	whole	0.02	0.5	94	0	0
pyriproxyfen	whole	0.01	not set	94	–	0
spinetoram	whole	0.01	0.1	94	0	0
spinosad	whole	0.01	0.5	94	0	0
spirotetramat	whole	0.01	0.5	94	0	0
sulfoxaflor	whole	0.01	0.5	94	0	0
tau-fluvalinate	whole	0.01	not set	94	–	0
tebufenozide	whole	0.01	1	94	0	0
tebufenpyrad	whole	0.01	1	94	0	0
terbufos	whole	0.01	not set	94	–	0
tetradifon	whole	0.01	5	94	0	0
thiacloprid	whole	0.01	1	94	0	0
thiamethoxam	whole	0.01	not set	94	–	0
thiodicarb	whole	0.01	not set	94	–	0
triazofos	whole	0.01	not set	94	–	0
trichlorfon	whole	0.01	0.1	94	0	0
triflumuron	whole	0.01	not set	94	–	0

Table 4 Contaminants

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
aldrin and dieldrin (HHDN+HEOD)	whole	0.01	0.05	94	0	0
chlordane	whole	0.01	0.02	94	0	0
DDT	whole	0.01	1	94	0	0
endrin	whole	0.01	not set	94	–	0
HCB (hexachlorobenzene)	whole	0.01	not set	94	–	0
HCH (or BHC)	whole	0.01	not set	94	–	0
heptachlor	whole	0.01	not set	94	–	0
lindane (gamma-HCH)	whole	0.01	0.5	94	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
mirex	whole	0.01	not set	92	0	0

Table 5 Physiological Modifier

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
diphenylamine	whole	0.01	7	94	6	1