



Cherry residue testing annual datasets 2018–19

National Residue Survey, Department of Agriculture

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	not set	54	–	0
azoxystrobin	whole	0.01	not set	54	–	0
benalaxyl	whole	0.01	not set	54	–	0
bitertanol	whole	0.01	not set	54	–	0
boscalid	whole	0.01	3	54	0	0
bupirimate	whole	0.01	not set	54	–	0
captafol	whole	0.05	not set	54	–	0
captan	whole	0.05	15	54	0	0
carbendazim	whole	0.01	not set	54	–	0
chlorothalonil	whole	0.01	10	54	0	0
cyproconazole	whole	0.01	not set	54	–	0
cyprodinil	whole	0.01	0.01	54	0	0
difenoconazole	whole	0.01	not set	54	–	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dimethomorph (sum of E and Z isomers)	whole	0.01	not set	54	–	0
dithianon	whole	0.01	2	54	0	0
dithiocarbamates	whole	0.2	3	54	0	0
dodine	whole	0.01	0.05	54	0	0
epoxiconazole	whole	0.01	not set	54	–	0
etridiazole	whole	0.01	not set	54	–	0
fenarimol	whole	0.01	not set	54	–	0
fenbuconazole	whole	0.01	not set	54	–	0
fenhexamid	whole	0.01	not set	54	–	0
fluazinam	whole	0.01	not set	54	–	0
fludioxonil	whole	0.01	5	54	0	0
fluopyram	whole	0.01	3	54	0	0
fluquinconazole	whole	0.01	not set	54	–	0
flusilazole	whole	0.01	not set	54	–	0
flutriafol	whole	0.01	not set	54	–	0
hexaconazole	whole	0.01	not set	54	–	0
imazalil	whole	0.01	not set	54	–	0
iprodione	whole	0.05	10	54	0	0
kresoxim-methyl	whole	0.01	not set	54	–	0
mandestrobin	whole	0.01	3	54	0	0
metalaxyl	whole	0.01	0.2	54	0	0
metrafenone	whole	0.01	not set	54	–	0
myclobutanil	whole	0.01	not set	54	–	0
oxadixyl	whole	0.01	not set	54	–	0
paclobutrazol	whole	0.01	0.01	54	0	0
penconazole	whole	0.01	not set	54	–	0
penthiopyrad	whole	0.01	5	54	0	0
prochloraz	whole	0.01	not set	54	–	0
procymidone	whole	0.01	10	54	0	0
propiconazole	whole	0.01	2	54	0	0
prothioconazole	whole	0.05	not set	54	–	0
pyraclostrobin	whole	0.01	1	54	0	0
pyrimethanil	whole	0.01	not set	54	–	0
tebuconazole	whole	0.01	0.01	54	0	0
thiabendazole-P	whole	0.01	not set	54	–	5
tolclofos methyl	whole	0.01	not set	54	–	0
triadimefon	whole	0.01	not set	54	–	0
triadimenol	whole	0.01	not set	54	–	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	1	54	0	0
2,4-D	whole	0.01	not set	54	–	0
atrazine	whole	0.01	not set	54	–	0
bromacil	whole	0.01	not set	54	–	0
bromoxynil	whole	0.01	not set	54	–	0
carfentrazone-ethyl	whole	0.01	0.05	54	0	0
chlorpropham	whole	0.05	not set	54	–	0
chlorsulfuron	whole	0.01	not set	54	–	0
chlorthal-dimethyl	whole	0.01	not set	54	–	0
clethodim (parent only)	whole	0.01	not set	54	–	0
clodinafop-propargyl	whole	0.01	not set	54	–	0
clopyralid	whole	0.05	not set	54	–	0
cyanazine	whole	0.01	not set	54	–	0
dicamba	whole	0.01	not set	54	–	0
dichlobenil	whole	0.01	0.1	54	0	0
dichlorprop-P	whole	0.01	not set	54	–	0
diflufenican	whole	0.01	not set	54	–	0
diuron	whole	0.01	not set	54	–	0
ethofumesate	whole	0.01	not set	54	–	0
flumioxazin	whole	0.02	0.02	54	0	0
iodosulfuron-methyl	whole	0.01	not set	54	–	0
ioxynil	whole	0.01	not set	54	–	0
isoxaben	whole	0.01	0.01	54	0	0
linuron	whole	0.05	not set	54	–	0
MCPA	whole	0.01	not set	54	–	0
methabenzthiazuron	whole	0.01	not set	54	–	0
metolachlor	whole	0.01	not set	54	–	0
metosulam	whole	0.01	not set	54	–	0
metribuzin	whole	0.01	not set	54	–	0
metsulfuron-methyl	whole	0.01	not set	54	–	0
napropamide	whole	0.01	0.1	54	0	0
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	–	0
propachlor	whole	0.01	not set	54	–	0
propyzamide	whole	0.01	not set	54	–	0

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Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
quizalofop-ethyl	whole	0.01	not set	54	–	0
quizalofop-P-tefuryl	whole	0.01	not set	54	–	0
saflufenacil	whole	0.01	0.03	54	0	0
sethoxydim	whole	0.01	not set	54	–	0
simazine	whole	0.01	0.1	54	0	0
tralkoxydim	whole	0.01	not set	54	–	0
triasulfuron	whole	0.01	not set	54	–	0
triclopyr	whole	0.01	not set	54	–	0
trifluralin	whole	0.01	0.05	54	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	not set	54	–	0
acephate	whole	0.05	not set	54	–	0
acetamiprid-P	whole	0.01	2	54	0	0
aldicarb	whole	0.01	not set	54	–	0
amitraz	whole	0.01	not set	54	–	0
azamethiphos	whole	0.01	not set	54	–	0
azinphos-methyl	whole	0.01	2	54	0	0
bifenazate	whole	0.01	not set	54	–	0
bifenthrin	whole	0.01	3	54	0	0
bioresmethrin	whole	0.01	not set	54	–	0
buprofezin	whole	0.01	not set	54	–	0
cadusafos	whole	0.005	not set	54	–	0
carbaryl	whole	0.01	not set	54	–	0
carbofuran	whole	0.005	not set	54	–	0
chlorantraniliprole	whole	0.01	1	54	0	0
chlorfenapyr	whole	0.01	not set	54	–	0
Chlorfenvinphos (sum of isomers)	whole	0.01	not set	54	–	0
chlorpyrifos	whole	0.01	1	54	0	0
chlorpyrifos-methyl	whole	0.01	not set	54	–	0
clofentezine	whole	0.01	0.1	54	0	0
clothianidin	whole	0.01	3	54	0	0
cyantraniliprole	whole	0.01	0.05	54	0	0
cyfluthrin (sum of isomers)	whole	0.01	not set	54	–	0
cyhalothrin (sum of isomers)	whole	0.01	not set	54	–	0

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Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
cypermethrin (sum of isomers)	whole	0.01	not set	54	–	0
deltamethrin	whole	0.01	not set	54	–	0
diazinon	whole	0.01	0.5	54	0	0
dichlorvos	whole	0.01	not set	54	–	0
dicofol	whole	0.01	5	54	0	0
diflubenzuron	whole	0.01	not set	54	–	0
dimethoate	whole	0.01	0.02	54	0	0
disulfoton	whole	0.01	not set	54	–	0
emamectin	whole	0.005	not set	54	–	0
esfenvalerate	whole	0.01	not set	54	–	0
ethion	whole	0.01	1	54	0	0
ethoprophos	whole	0.005	not set	54	–	0
etoxazole	whole	0.01	not set	54	–	0
fenamiphos	whole	0.01	not set	54	–	0
fenbutatin oxide	whole	0.01	not set	54	–	0
fenitrothion	whole	0.01	1	54	0	0
fenoxycarb	whole	0.01	not set	54	–	0
fenpyroximate	whole	0.01	not set	54	–	0
fenthion	whole	0.01	not set	54	–	0
Fenvalerate (sum of isomers)	whole	0.01	not set	54	–	0
fipronil	whole	0.01	0.01	54	0	0
flonicamid	whole	0.01	not set	54	–	0
hexythiazox	whole	0.01	1	54	0	0
imidacloprid	whole	0.01	0.5	54	0	0
indoxacarb	whole	0.01	2	54	0	0
malathion (maldison)	whole	0.01	5	54	0	0
metaldehyde	whole	0.05	1	54	0	0
methacrifos	whole	0.01	not set	54	–	0
methamidophos	whole	0.01	not set	54	–	0
methidathion	whole	0.01	0.01	54	0	0
methiocarb	whole	0.01	0.1	54	0	0
methomyl	whole	0.01	2	54	0	0
methoprene	whole	0.01	not set	54	–	0
methoxychlor	whole	0.01	not set	54	–	0
methoxyfenozide	whole	0.01	not set	54	–	0
mevinphos	whole	0.01	not set	54	–	0
monocrotophos	whole	0.01	not set	54	–	0
novaluron	whole	0.01	3	54	0	0

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Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
omethoate	whole	0.01	2	54	0	0
parathion	whole	0.01	not set	54	–	0
parathion-methyl	whole	0.01	not set	54	–	0
permethrin (sum of isomers)	whole	0.01	not set	54	–	0
phenothrin (sum of isomers)	whole	0.01	not set	54	–	0
phorate	whole	0.01	not set	54	–	0
phosmet	whole	0.01	1	54	0	0
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	–	0
profenofos	whole	0.01	not set	54	–	0
propargite	whole	0.01	3	54	0	0
prothiofos	whole	0.01	not set	54	–	0
pymetrozine	whole	0.01	0.05	54	0	0
pyrethrins	whole	0.05	1	54	0	0
pyridaben	whole	0.02	0.5	54	0	0
pyriproxyfen	whole	0.01	not set	54	–	0
spinetoram	whole	0.01	0.2	54	0	0
spinosad	whole	0.01	1	54	0	0
spirotetramat	whole	0.01	1	54	0	0
sulfoxaflor	whole	0.01	3	54	0	0
tau-fluvalinate	whole	0.01	0.05	54	0	0
tebufenozide	whole	0.01	not set	54	–	0
tebufenpyrad	whole	0.01	not set	54	–	0
terbufos	whole	0.01	not set	54	–	0
tetradifon	whole	0.01	5	54	0	0
thiacloprid	whole	0.01	2	54	0	0
thiamethoxam	whole	0.01	not set	54	–	0
thiodicarb	whole	0.01	2	54	0	0
triazofos	whole	0.01	not set	54	–	0
trichlorfon	whole	0.01	3	54	0	0
triflumuron	whole	0.01	not set	54	–	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	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	–	0
endrin	whole	0.01	not set	54	–	0
HCB (hexachlorobenzene)	whole	0.01	not set	54	–	0
HCH (BHC)	whole	0.01	not set	54	–	0
heptachlor	whole	0.01	not set	54	–	0
lindane (gamma-HCH)	whole	0.01	0.5	54	0	0
mirex	whole	0.01	not set	54	–	0

Table 5 Physiological modifier

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
diphenylamine	whole	0.01	not set	54	–	0