



Duck residue testing annual datasets 2019–20

National Residue Survey (NRS), Department of Agriculture, Water and the Environment

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: Anthelmintics

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
fluousulfone	fat	0.01	0.01	1	0	0	0

Table 2: Antibiotics

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
amoxicillin	liver	0.01	0.01	5	0	0	0
ampicillin	liver	0.01	not set	5	0	0	0
apramycin	liver	0.1	1	5	0	0	0
avilamycin	liver	0.05	0.05	5	0	0	0
benzyl G penicillin	liver	0.01	not set	5	0	0	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
ceftiofur (desfuroylceftiofur)	liver	0.1	not set	5	0	0	0
cefuroxime	liver	0.05	not set	5	0	0	0
cephalonium	liver	0.05	not set	5	0	0	0
chlortetracycline	liver	0.01	0.6	5	0	0	0
cloxacillin	liver	0.01	not set	5	0	0	0
dihydrostreptomycin	liver	0.1	not set	5	0	0	0
doxycycline	liver	0.01	not set	5	0	0	0
erythromycin	liver	0.1	0.3	5	0	0	0
gentamycin	liver	0.1	not set	5	0	0	0
lincomycin	liver	0.1	0.1	5	0	0	0
neomycin	liver	0.1	0.5	5	0	0	0
oleandomycin	liver	0.1	not set	5	0	0	0
oxytetracycline	liver	0.01	0.6	5	0	0	0
streptomycin	liver	0.1	not set	5	0	0	0
sulfachloropyridazine	liver	0.05	not set	5	0	0	0
sulfadiazine	liver	0.02	0.1	5	0	0	0
sulfadimethoxine	liver	0.05	not set	5	0	0	0
sulfadimidine (sulfamethazine)	liver	0.02	0.1	5	0	0	0
sulfadoxine	liver	0.05	not set	5	0	0	0
sulfafurazole	liver	0.05	not set	5	0	0	0
sulfamerazine	liver	0.05	not set	5	0	0	0
sulfamethoxazole	liver	0.05	not set	5	0	0	0
sulfamethoxydiazine (sulfameter)	liver	0.05	not set	5	0	0	0
sulfamethoxypyridazine	liver	0.05	not set	5	0	0	0
sulfapyridine	liver	0.05	not set	5	0	0	0
sulfaquinoxaline	liver	0.05	0.1	5	0	0	0
sulfathiazole	liver	0.05	not set	5	0	0	0
sulfatroxazole	liver	0.05	not set	5	0	0	0
tetracycline	liver	0.01	not set	5	0	0	0
tilmicosin	liver	0.1	not set	5	0	0	0
trimethoprim	liver	0.01	0.05	5	0	0	0
tulathromycin	liver	0.1	not set	5	0	0	0
tylosin	liver	0.1	0.2	5	0	0	0
virginiamycin	liver	0.1	0.2	5	0	0	0



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Table 3: Anticoccidials

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
amprolium	liver	0.01	1	5	0	0	0
decoquinate	liver	0.002	not set	5	0	0	0
diclazuril	liver	0.01	not set	5	0	0	0
halofuginone	liver	0.01	not set	5	0	0	0
lasalocid	liver	0.01	1.2	5	0	0	0
maduramicin	liver	0.002	1	5	0	0	0
monensin	liver	0.01	0.5	5	0	0	0
narasin	liver	0.01	0.1	5	0	0	0
nicarbazin (4,4'- dinitrocarbanilide)	liver	0.01	35	5	0	0	0
salinomycin	liver	0.002	0.5	5	0	0	0
semduramycin	liver	0.002	0.5	5	0	0	0
toltrazuril	liver	0.01	not set	5	0	0	0

Table 4: Contaminants

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
aldrin and dieldrin (HHDN+HEOD)	fat	0.02	0.2	5	0	0	0
aro-chlor 1254	fat	0.03	not set	5	0	0	0
aro-chlor 1260	fat	0.03	not set	5	0	0	0
chlordane	fat	0.02	not set	5	0	0	0
DDT	fat	0.05	5	5	0	0	0
endosulfan	fat	0.02	not set	5	0	0	0
endrin	fat	0.01	not set	5	0	0	0
HCB (hexachlorobenzene)	fat	0.02	1	5	0	0	0
HCH (BHC)	fat	0.02	0.3	5	0	0	0
heptachlor	fat	0.02	not set	5	0	0	0
lindane (gamma-HCH)	fat	0.01	0.7	5	0	0	0
mirex	fat	0.02	not set	5	0	0	0
pentachlorobenzene	fat	0.02	not set	5	0	0	0

Table 5: Fungicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
amisulbrom	fat	0.01	not set	5	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to $\leq$ MRL	>MRL
azoxystrobin	fat	0.01	0.01	1	0	0	0
bixafen	fat	0.02	0.02	5	0	0	0
boscalid	fat	0.01	0.5	5	0	0	0
carbendazim	fat	0.01	0.1	5	0	0	0
cyproconazole	fat	0.02	0.01	5	0	0	0
difenoconazole	fat	0.01	not set	5	0	0	0
epoxiconazole	fat	0.01	0.01	1	0	0	0
fenpyrazamine	fat	0.01	0.01	1	0	0	0
fludioxonil	fat	0.01	not set	5	0	0	0
fluopicolide	fat	0.01	not set	5	0	0	0
fluopyram	fat	0.01	not set	5	0	0	0
fluquinconazole	fat	0.01	0.02	5	0	0	0
flutriafol	fat	0.02	0.5	5	0	0	0
fluxapyroxad	fat	0.01	0.01	5	0	0	0
imazalil	fat	0.01	not set	5	0	0	0
isopyrazam	fat	0.01	0.01	1	0	0	0
mandestrobin	fat	0.01	not set	5	0	0	0
procymidone	fat	0.02	0.1	5	0	0	0
propamocarb	fat	0.01	not set	5	0	0	0
propiconazole	fat	0.02	0.1	5	0	0	0
prothioconazole	fat	0.02	0.05	5	0	0	0
pydiflumetofen	fat	0.01	0.01	1	0	0	0
pyraclostrobin	fat	0.01	0.05	1	0	0	0
pyrimethanil	fat	0.01	not set	5	0	0	0
pyriofenone	fat	0.01	not set	5	0	0	0
quinoxifen	fat	0.01	not set	5	0	0	0
quintozene	fat	0.02	0.1	5	0	0	0
spiroxamine	fat	0.01	0.05	1	0	0	0
tebuconazole	fat	0.01	not set	5	0	0	0
trifloxystrobin	fat	0.01	not set	5	0	0	0

Table 6: Herbicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to $\leq$ MRL	>MRL
amicarbazone	fat	0.01	not set	1	0	0	0
cloquintocet	fat	0.01	not set	5	0	0	0
ethofumesate	fat	0.02	0.1	5	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to $\leq$ MRL	>MRL
florpyrauxifen-benzyl	fat	0.01	0.02	1	0	0	0
indaziflam	fat	0.01	not set	5	0	0	0
metamitron	fat	0.01	not set	1	0	0	0
metazachlor	fat	0.01	0.05	5	0	0	0
metolachlor	fat	0.02	0.01	5	0	0	0
propachlor	fat	0.02	0.02	5	0	0	0
pyrasulfotole	fat	0.01	0.01	5	0	0	0
pyroxsulam	fat	0.01	not set	5	0	0	0
saflufenacil	fat	0.01	not set	5	0	0	0
topramezone	fat	0.01	0.01	1	0	0	0

Table 7: Insecticides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to $\leq$ MRL	>MRL
acetamiprid	fat	0.01	not set	5	0	0	0
afidopyropen	fat	0.012	0.1	1	0	0	0
bifenthrin	fat	0.02	0.05	5	0	0	0
bioresmethrin	fat	0.02	not set	5	0	0	0
carbaryl	fat	0.01	0.02	5	0	0	0
chlorantraniliprole	fat	0.01	0.01	5	0	0	0
chlorfenapyr	fat	0.02	0.01	5	0	0	0
chlorfenvinphos (sum of isomers)	fat	0.02	not set	5	0	0	0
chlorpyrifos	fat	0.01	0.1	5	0	0	0
chlorpyrifos-methyl	fat	0.01	0.05	5	0	0	0
clothianidin	fat	0.01	not set	5	0	0	0
coumaphos	fat	0.02	not set	5	0	0	0
cyantraniliprole	fat	0.01	not set	5	0	0	0
cyclaniliprole	fat	0.01	0.01	1	0	0	0
cyfluthrin (sum of isomers)	fat	0.02	0.01	5	0	0	0
cyhalothrin (sum of isomers)	fat	0.02	0.02	5	0	0	0
cypermethrin (sum of isomers)	fat	0.02	0.05	5	0	0	0
deltamethrin	fat	0.02	0.01	5	0	0	0
diafenthiuron	fat	0.01	0.02	5	0	0	0
diazinon	fat	0.02	0.05	5	0	0	0
dichlorvos	fat	0.02	0.01	5	0	0	0
dicofol	fat	0.01	not set	5	0	0	0
dimethoate	fat	0.02	0.05	5	0	0	0

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dinotefuran	fat	0.03	0.02	5	0	0	0
esfenvalerate	fat	0.02	0.05	5	0	0	0
ethion	fat	0.02	not set	5	0	0	0
famphur	fat	0.02	not set	5	0	0	0
famphur oxygen-analogue	fat	0.02	not set	5	0	0	0
fenitrothion	fat	0.02	0.05	5	0	0	0
fenthion	fat	0.02	not set	5	0	0	0
fenvalerate (sum of isomers)	fat	0.02	0.05	5	0	0	0
fipronil	fat	0.02	0.02	5	0	0	0
flonicamid	fat	0.01	not set	5	0	0	0
flubendiamide	fat	0.01	0.01	5	0	0	0
flumethrin	fat	0.02	not set	5	0	0	0
flupyradifurone	fat	0.01	not set	1	0	0	0
imidacloprid	fat	0.01	0.02	5	0	0	0
indoxacarb	fat	0.02	0.01	5	0	0	0
malathion (maldison)	fat	0.01	1	5	0	0	0
metaflumizone	fat	0.01	not set	5	0	0	0
methidathion	fat	0.02	0.05	5	0	0	0
methoxychlor	fat	0.02	not set	5	0	0	0
mevinphos	fat	0.01	not set	5	0	0	0
omethoate	fat	0.02	0.05	5	0	0	0
parathion-methyl	fat	0.02	not set	5	0	0	0
permethrin (sum of isomers)	fat	0.02	0.1	5	0	0	0
phosmet	fat	0.02	not set	5	0	0	0
pirimiphos-methyl	fat	0.02	0.05	5	0	0	0
prothiofos	fat	0.01	not set	5	0	0	0
pyraclofos	fat	0.02	0.05	5	0	0	0
spirotetramat	fat	0.01	0.02	5	0	0	0
sulfoxaflor	fat	0.01	0.01	5	0	0	0
tau-fluvalinate	fat	0.01	not set	5	0	0	0
temephos	fat	0.02	not set	5	0	0	0