



# Duck residue testing annual datasets 2022-23

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

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**Table 1: 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	6	0	0	0
ampicillin	Liver	0.01	not set	6	0	0	0
apramycin	Liver	0.05	1	6	0	0	0
avilamycin	Liver	0.05	0.05	6	0	0	0
benzyl G penicillin	Liver	0.01	not set	6	0	0	0
ceftiofur (desfuroylceftiofur)	Liver	0.1	not set	6	0	0	0
cefuroxime	Liver	0.05	not set	6	0	0	0
cephalonium	Liver	0.05	not set	6	0	0	0
chlortetracycline	Liver	0.01	0.6	6	0	0	0
cloxacillin	Liver	0.01	not set	6	0	0	0
dihydrostreptomycin	Liver	0.1	not set	6	0	0	0
doxycycline	Liver	0.01	not set	6	0	0	0
erythromycin	Liver	0.05	0.3	6	0	0	0
gentamycin	Liver	0.05	not set	6	0	0	0
lincomycin	Liver	0.05	0.1	6	0	0	0
neomycin	Liver	0.05	0.5	6	0	0	0
oleandomycin	Liver	0.05	not set	6	0	0	0
oxytetracycline	Liver	0.01	0.6	6	0	0	0
streptomycin	Liver	0.1	not set	6	0	0	0
sulfachloropyridazine	Liver	0.02	not set	6	0	0	0
sulfadiazine	Liver	0.01	0.1	6	0	0	0
sulfadimethoxine	Liver	0.02	not set	6	0	0	0
sulfadimidine (sulfamethazine)	Liver	0.01	0.1	6	0	0	0
sulfadoxine	Liver	0.02	not set	6	0	0	0
sulfafurazole	Liver	0.02	not set	6	0	0	0
sulfamerazine	Liver	0.02	not set	6	0	0	0
sulfamethoxazole	Liver	0.02	not set	6	0	0	0
sulfamethoxydiazine (sulfameter)	Liver	0.02	not set	6	0	0	0
sulfamethoxypyridazine	Liver	0.02	not set	6	0	0	0
sulfapyridine	Liver	0.02	not set	6	0	0	0
sulfaquinoxaline	Liver	0.02	0.1	6	0	0	0
sulfathiazole	Liver	0.02	not set	6	0	0	0
sulfatroxazole	Liver	0.02	not set	6	0	0	0
tetracycline	Liver	0.01	not set	6	0	0	0
tilmicosin	Liver	0.05	not set	6	0	0	0
trimethoprim	Liver	0.01	0.05	6	0	0	0
tulathromycin	Liver	0.1	not set	6	0	0	0

tylosin	Liver	0.1	0.2	6	0	0	0
virginiamycin	Liver	0.005	0.2	6	0	0	0

\*In some instances, tetracycline may be present as an impurity in a chlortetracycline or oxytetracycline product and is not considered to be a violative residue.

**Table 2: 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	1.2	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	not set	5	0	0	0
salinomycin	Liver	0.002	0.5	5	0	0	0
semduramycin	Liver	0.002	not set	5	0	0	0
toltrazuril	Liver	0.01	not set	5	0	0	0

**Table 3: 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
arochlor 1254	Fat	0.03	0.2	5	0	0	0
arochlor 1260	Fat	0.03	0.2	5	0	0	0
chlordan	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	0.03	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 4: FUNGICIDES**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
amisulbrom	Fat	0.01	0.01	5	0	0	0
azoxystrobin	Fat	0.01	0.01	5	0	0	0
benzovindiflupyr	Fat	0.01	0.01	5	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	0.05	5	0	0	0
epoxiconazole	Fat	0.01	0.01	5	0	0	0
fenhexamid	Fat	0.01	not set	5	0	0	0
fenpyrazamine	Fat	0.01	0.01	5	0	0	0
fludioxonil	Fat	0.01	0.01	5	0	0	0
fluopicolide	Fat	0.01	0.01	5	0	0	0
fluopyram	Fat	0.01	0.02	5	0	0	0
fluquinconazole	Fat	0.01	0.02	5	0	0	0
flutriafol	Fat	0.02	0.05	5	0	0	0
fluxapyroxad	Fat	0.01	0.01	5	0	0	0
imazalil	Fat	0.01	not set	5	0	0	0
isofetamid	Fat	0.01	0.02	5	0	0	0
isopyrazam	Fat	0.01	0.005	5	0	0	0
mandestrobin	Fat	0.01	not set	5	0	0	0
mefentrifluconazole	Fat	0.01	0.01	5	0	0	0
procymidone	Fat	0.02	0.1	5	0	0	0
propamocarb	Fat	0.01	0.01	5	0	0	0
propiconazole	Fat	0.02	0.1	5	0	0	0
proquinazid	Fat	0.01	0.01	5	0	0	0
prothioconazole	Fat	0.01	0.05	5	0	0	0
pydiflumetofen	Fat	0.01	0.01	5	0	0	0
pyraclostrobin	Fat	0.01	0.05	5	0	0	0
pyrimethanil	Fat	0.01	not set	5	0	0	0
pyriofenone	Fat	0.01	0.01	5	0	0	0
quinoxifen	Fat	0.01	0.01	5	0	0	0
quintozene	Fat	0.02	0.1	5	0	0	0
spiroxamine	Fat	0.01	0.05	5	0	0	0

tebuconazole	Fat	0.01	0.1	5	0	0	0
trifloxystrobin	Fat	0.01	not set	5	0	0	0

**Table 5: HERBICIDES**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
amicarbazone	Fat	0.01	not set	5	0	0	0
cinmethylin	Fat	0.01	0.01	5	0	0	0
cloquintocet-mexyl	Fat	0.01	0.1	5	0	0	0
ethofumesate	Fat	0.02	not set	5	0	0	0
florpyrauxifen-benzyl	Fat	0.01	0.02	5	0	0	0
indaziflam	Fat	0.01	not set	5	0	0	0
metamitron	Fat	0.01	not set	5	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	0.01	5	0	0	0
saflufenacil	Fat	0.01	0.01	5	0	0	0
topramezone	Fat	0.01	0.01	5	0	0	0
trifludimoxazin	Fat	0.01	0.01	5	0	0	0

**Table 6: INSECTICIDES**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
acequinocyl	Fat	0.01	not set	5	0	0	0
acetamiprid	Fat	0.01	0.01	5	0	0	0
afidopyropen	Fat	0.012	0.1	5	0	0	0
bifenthrin	Fat	0.02	0.05	5	0	0	0
bioresmethrin	Fat	0.02	not set	5	0	0	0
buprofezin	Fat	0.01	0.1	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	Fat	0.005	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	0.02	5	0	0	0
coumaphos	Fat	0.02	not set	5	0	0	0
cyantraniliprole	Fat	0.01	0.01	5	0	0	0
cyclaniliprole	Fat	0.01	0.01	5	0	0	0
cyfluthrin	Fat	0.02	0.01	5	0	0	0
cyhalothrin	Fat	0.02	0.02	5	0	0	0
cypermethrin	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
dinotefuran	Fat	0.03	0.02	5	0	0	0
ethion	Fat	0.02	not set	5	0	0	0
etofenprox	Fat	0.01	0.01	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	Fat	0.02	0.05	5	0	0	0
fipronil	Fat	0.01	0.02	5	0	0	0
flonicamid	Fat	0.01	0.02	5	0	0	0
flubendiamide	Fat	0.01	0.01	5	0	0	0
fluensulfone	Fat	0.01	0.01	5	0	0	0
flumethrin	Fat	0.02	not set	5	0	0	0
flupyradifurone	Fat	0.01	0.01	5	0	0	0
fluralaner	Fat	0.01	0.6	5	0	0	0
imidacloprid	Fat	0.01	0.02	5	0	0	0
indoxacarb	Fat	0.02	0.01	5	0	0	0
malathion	Fat	0.01	1	5	0	0	0
metaflumizone	Fat	0.01	not set	5	0	0	0
methidathion	Fat	0.02	not set	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	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	not set	5	0	0	0
pyriproxyfen	Fat	0.01	0.1	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