



# Deer - Farmed residue testing annual datasets 2023-24

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

Although the Commonwealth 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 department 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: ANTHELMINTICS**

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
abamectin	Fat	0.005	not set	1	0	0	0
derquantel	Fat	0.001	not set	1	0	0	0
doramectin	Fat	0.005	not set	1	0	0	0
emamectin	Fat	0.002	0.01	1	0	0	0
eprinomectin	Fat	0.005	0.1	1	0	0	0
ivermectin	Fat	0.005	0.01	1	0	0	0
milbemectin	Fat	0.01	0.002	1	0	0	0
monepantel sulphone	Fat	0.005	not set	1	0	0	0
moxidectin	Fat	0.005	1	1	0	0	0
praziquantel	Fat	0.005	not set	1	0	0	0
spinetoram	Fat	0.005	2	1	0	0	0
spinosad	Fat	0.005	2	1	0	0	0

**Table 2: ANTIBIOTICS**

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
amoxicillin	Kidney	0.01	0.01	1	0	0	0
ampicillin	Kidney	0.01	not set	1	0	0	0
apramycin	Kidney	0.05	2	1	0	0	0
avilamycin	Kidney	0.05	not set	1	0	0	0
benzyl G penicillin	Kidney	0.01	0.06	1	0	0	0
ceftiofur (desfuroylceftiofur)	Kidney	0.1	not set	1	0	0	0
cefuroxime	Kidney	0.05	not set	1	0	0	0
cephalonium	Kidney	0.05	not set	1	0	0	0
chloramphenicol	Muscle	0.0001	not set	1	0	0	0
chlortetracycline	Kidney	0.01	not set	1	0	0	0
cloxacillin	Kidney	0.01	not set	1	0	0	0
dihydrostreptomycin	Kidney	0.1	0.3	1	0	0	0
doxycycline	Kidney	0.01	not set	1	0	0	0
erythromycin	Kidney	0.05	0.3	1	0	0	0
florfenicol	Muscle	0.001	not set	1	0	0	0
gentamycin	Kidney	0.05	not set	1	0	0	0
lincomycin	Kidney	0.05	0.2	1	0	0	0
neomycin	Kidney	0.05	not set	1	0	0	0
oleandomycin	Kidney	0.05	0.1	1	0	0	0
oxytetracycline	Kidney	0.01	not set	1	0	0	0
streptomycin	Kidney	0.1	0.3	1	0	0	0
sulfachloropyridazine	Kidney	0.02	not set	1	0	0	0
sulfadiazine	Kidney	0.01	0.1	1	0	0	0
sulfadimethoxine	Kidney	0.02	not set	1	0	0	0
sulfadimidine (sulfamethazine)	Kidney	0.01	0.1	1	0	0	0
sulfadoxine	Kidney	0.02	0.1	1	0	0	0
sulfafurazole	Kidney	0.02	not set	1	0	0	0
sulfamerazine	Kidney	0.02	not set	1	0	0	0
sulfamethoxazole	Kidney	0.02	not set	1	0	0	0
sulfamethoxydiazine (sulfameter)	Kidney	0.02	not set	1	0	0	0
sulfamethoxypyridazine	Kidney	0.02	not set	1	0	0	0
sulfapyridine	Kidney	0.02	not set	1	0	0	0
sulfaquinoxaline	Kidney	0.02	not set	1	0	0	0
sulfathiazole	Kidney	0.02	not set	1	0	0	0
sulfatroxazole	Kidney	0.02	0.1	1	0	0	0
tetracycline	Kidney	0.01	not set	1	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
thiamphenicol	Muscle	0.001	not set	1	0	0	0
tilmicosin	Kidney	0.05	not set	1	0	0	0
trimethoprim	Kidney	0.01	0.05	1	0	0	0
tulathromycin	Kidney	0.05	not set	1	0	0	0
tylosin	Kidney	0.1	not set	1	0	0	0
virginiamycin	Kidney	0.005	not set	1	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 3: ANTICOCCIDIALS**

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
amprolium	Liver	0.01	not set	1	0	0	0
decoquinate	Liver	0.002	not set	1	0	0	0
diclazuril	Liver	0.01	not set	1	0	0	0
halofuginone	Liver	0.01	not set	1	0	0	0
lasalocid	Liver	0.01	0.7	1	0	0	0
maduramicin	Liver	0.002	not set	1	0	0	0
monensin	Liver	0.005	not set	1	0	0	0
narasin	Liver	0.01	not set	1	0	0	0
nicarbazin (4,4'-dinitrocarbanilide)	Liver	0.01	not set	1	0	0	0
salinomycin	Liver	0.002	not set	1	0	0	0
semduramycin	Liver	0.002	not set	1	0	0	0
toltrazuril	Liver	0.01	not set	1	0	0	0

**Table 4: HORMONES**

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
16-hydroxystanozolol	Urine	0.001	not defined	1	0	-	-
boldenone 17-alpha	Urine	0.001	not defined	1	0	-	-
boldenone 17-beta	Urine	0.001	not defined	1	0	-	-
methandriol	Urine	0.005	not defined	1	0	-	-
nortestosterone 17-alpha	Urine	0.001	not defined	1	0	-	-
nortestosterone 17-beta	Urine	0.001	not defined	1	0	-	-
stanozolol	Urine	0.001	not defined	1	0	-	-

**Table 5: METALS**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
antimony	Liver	0.01	no limit	1	0	0	0
arsenic (total)	Liver	0.05	no limit	1	0	0	0
cadmium	Liver	0.01	no limit	1	1	0	0
lead	Liver	0.01	no limit	1	1	0	0
mercury (total)	Liver	0.01	no limit	1	0	0	0

**Table 6: OTHER VETERINARY DRUGS**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
cimaterol	Liver	0.0003	not set	1	0	0	0
clenbuterol	Liver	0.0003	not set	1	0	0	0
flunixin	Kidney	0.01	not set	1	0	0	0
ketoprofen	Kidney	0.01	not set	1	0	0	0
mabuterol	Liver	0.0003	not set	1	0	0	0
meloxicam	Kidney	0.005	not set	1	0	0	0
oxyphenbutazone	Kidney	0.005	not set	1	0	0	0
phenylbutazone	Kidney	0.005	not set	1	0	0	0
ractopamine	Liver	0.0003	not set	1	0	0	0
salbutamol	Liver	0.001	not set	1	0	0	0
tolfenamic acid	Kidney	0.005	not set	1	0	0	0
zilpaterol	Liver	0.0003	not set	1	0	0	0