Australian Government

Department of Agriculture, Fisheries and Forestry

Deer - Wild Game 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

Table 1: ANTHELMINTICS

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
fluensulfone	Fat	0.01	0.01	5	0	0	0

Table 2: 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
chlordane	Fat	0.02	0.2	5	0	0	0
DDT	Fat	0.05	5	5	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
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	0.2	5	0	0	0
lindane (gamma-HCH)	Fat	0.01	2	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 3: 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	0.02	5	0	0	0
benzovindiflupyr	Fat	0.01	0.01	5	0	0	0
bixafen	Fat	0.01	0.2	5	0	0	0
boscalid	Fat	0.01	0.3	5	0	0	0
carbendazim	Fat	0.01	0.2	5	0	0	0
cyproconazole	Fat	0.02	0.03	5	0	0	0
cyprodinil	Fat	0.01	0.01	3	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	0.05	5	0	0	0
fenpyrazamine	Fat	0.01	0.01	5	0	0	0
fludioxonil	Fat	0.01	0.05	5	0	0	0
fluopicolide	Fat	0.01	0.01	5	0	0	0
fluopyram	Fat	0.01	0.7	5	0	0	0
fluquinconazole	Fat	0.01	0.5	5	0	0	0
flutriafol	Fat	0.02	0.05	5	0	0	0
fluxapyroxad	Fat	0.01	0.05	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
isotianil	Fat	0.01	0.02	3	0	0	0
mandestrobin	Fat	0.01	0.02	5	0	0	0
mefentrifluconazole	Fat	0.01	0.2	5	0	0	0
procymidone	Fat	0.02	0.2	5	0	0	0
propamocarb	Fat	0.01	0.01	5	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
propiconazole	Fat	0.02	0.1	5	0	0	0
proquinazid	Fat	0.01	0.01	5	0	0	0
prothioconazole	Fat	0.01	0.02	5	0	0	0
pydiflumetofen	Fat	0.01	0.02	5	0	0	0
pyraclostrobin	Fat	0.01	0.05	5	0	0	0
pyrimethanil	Fat	0.01	0.05	5	0	0	0
pyriofenone	Fat	0.01	0.01	5	0	0	0
quinoxyfen	Fat	0.01	0.1	5	0	0	0
quintozene	Fat	0.02	0.2	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	0.05	5	0	0	0

Table 4: HERBICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
amicarbazone	Fat	0.01	0.01	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	0.5	5	0	0	0
florpyrauxifen-benzyl	Fat	0.01	0.02	5	0	0	0
indaziflam	Fat	0.01	0.03	5	0	0	0
metamitron	Fat	0.01	0.05	5	0	0	0
metazachlor	Fat	0.01	0.05	5	0	0	0
metolachlor	Fat	0.02	0.05	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 5: INSECTICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
acequinocyl	Fat	0.01	0.02	5	0	0	0
acetamiprid	Fat	0.01	0.01	5	0	0	0
afidopyropen	Fat	0.012	0.1	5	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
bifenthrin	Fat	0.02	2	5	0	0	0
bioresmethrin	Fat	0.02	not set	5	0	0	0
buprofezin	Fat	0.01	0.05	5	0	0	0
carbaryl	Fat	0.01	0.07	5	0	0	0
chlorantraniliprole	Fat	0.01	0.02	5	0	0	0
chlorfenapyr	Fat	0.02	0.05	5	0	0	0
chlorfenvinphos	Fat	0.005	0.2	5	0	0	0
chlorpyrifos	Fat	0.01	0.5	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	0.05	5	0	0	0
cyfluthrin	Fat	0.02	0.5	5	0	0	0
cyhalothrin	Fat	0.02	0.5	5	0	0	0
cypermethrin	Fat	0.02	0.5	5	0	0	0
deltamethrin	Fat	0.02	not set	5	0	0	0
diafenthiuron	Fat	0.01	0.02	5	0	0	0
diazinon	Fat	0.02	0.7	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	1	5	0	0	0
fipronil	Fat	0.01	0.1	5	0	0	0
flonicamid	Fat	0.01	0.02	5	0	0	0
flubendiamide	Fat	0.01	0.05	5	0	0	0
flumethrin	Fat	0.02	not set	5	0	0	0
flupyradifurone	Fat	0.01	0.1	5	0	0	0
fluralaner	Fat	0.01	not set	5	0	0	0
imidacloprid	Fat	0.01	0.05	5	0	0	0
indoxacarb	Fat	0.02	3	5	0	0	0
isocycloseram	Fat	0.01	0.01	3	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
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
methoxyfenozide	Fat	0.01	0.1	3	0	0	0
mevinphos	Fat	0.01	0.05	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	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	0.02	5	0	0	0
spirotetramat	Fat	0.01	0.02	5	0	0	0
sulfoxaflor	Fat	0.01	0.7	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

Table 6: 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	5	0	0	0
arsenic (total)	Liver	0.05	no limit	5	0	0	0
cadmium	Liver	0.01	no limit	5	1	0	0
lead	Liver	0.01	no limit	5	1	0	0
mercury (total)	Liver	0.01	no limit	5	0	0	0