



# Game Deer residue testing annual datasets 2017–18

National Residue Survey, Department of Agriculture and Water Resources

## 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 Contaminants**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
aldrin and dieldrin (HHDN+HEOD)	fat	0.02	0.2	5	0	0	0
arochlor 1254	fat	0.03	not set	5	0	0	0
arochlor 1260	fat	0.03	not set	5	0	0	0
chlordane	fat	0.02	0.2	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	0.2	5	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
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 2 Insecticides**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
bifenthrin	fat	0.02	2	5	0	0	0
bioresmethrin	fat	0.02	not set	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 (sum of isomers)	fat	0.02	0.2	5	0	0	0
chlorpyrifos	fat	0.02	0.5	5	0	0	0
chlorpyrifos-methyl	fat	0.02	0.05	5	0	0	0
coumaphos	fat	0.02	not set	5	0	0	0
cyfluthrin (sum of isomers)	fat	0.02	0.02	5	0	0	0
cyhalothrin (sum of isomers)	fat	0.02	0.5	5	0	0	0
cypermethrin (sum of isomers)	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	not set	3	0	0	0
esfenvalerate	fat	0.02	1	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	1	5	0	0	0
fipronil	fat	0.02	0.1	5	0	0	0
flubendiamide	fat	0.01	0.05	5	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to $\leq$ MRL	> MRL
flumethrin	fat	0.02	not set	5	0	0	0
imidacloprid	fat	0.01	0.05	5	0	0	0
indoxacarb	fat	0.02	1	5	0	0	0
malathion (maldison)	fat	0.01	1	5	0	0	0
methidathion	fat	0.02	0.5	5	0	0	0
methoxychlor	fat	0.02	not set	5	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 (sum of isomers)	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
spirotetramat	fat	0.01	not set	5	0	0	0
sulfoxaflor	fat	0.01	0.2	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 3 Fungicides**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to $\leq$ MRL	> MRL
bixafen	fat	0.02	not set	3	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
fluquinconazole	fat	0.01	0.5	5	0	0	0
flutriafol	fat	0.02	0.5	5	0	0	0
fluxapyroxad	fat	0.01	0.05	5	0	0	0
procymidone	fat	0.02	0.2	5	0	0	0
propiconazole	fat	0.02	not set	5	0	0	0
prothioconazole	fat	0.02	not set	5	0	0	0
quintozene	fat	0.02	not set	5	0	0	0

**Table 4 Herbicides**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to $\leq$ MRL	> MRL
ethofumesate	fat	0.02	0.5	5	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
metazachlor	fat	0.01	not set	3	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	not set	5	0	0	0

**Table 5 Metals**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL 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	4	0	0
mercury (total)	liver	0.01	no limit	5	0	0	0