Australian Government

Department of Agriculture, Fisheries and Forestry

Hen Eggs 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: ANTIBIOTICS

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
AHD	Whole	0.00025	not set	25	0	0	0
amoxicillin	Whole	0.005	0.05	50	0	0	0
AMOZ	Whole	0.000077	not set	25	0	0	0
ampicillin	Whole	0.005	not set	50	0	0	0
AOZ	Whole	0.000072	not set	25	0	0	0
apramycin	Whole	0.025	not set	50	0	0	0
avilamycin	Whole	0.05	not set	50	0	0	0
benzyl G penicillin	Whole	0.01	not set	50	0	0	0
ceftiofur (desfuroylceftiofur)	Whole	0.1	not set	50	0	0	0
cefuroxime	Whole	0.05	not set	50	0	0	0
cephalonium	Whole	0.001	not set	50	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
chloramphenicol	Whole	0.0001	not set	30	0	0	0
chlortetracycline	Whole	0.01	0.2	50	0	0	0
cloxacillin	Whole	0.005	not set	50	0	0	0
dihydrostreptomycin	Whole	0.05	not set	50	0	0	0
dimetridazole	Whole	0.0001	not set	25	0	0	0
doxycycline	Whole	0.01	not set	50	0	0	0
erythromycin	Whole	0.05	not set	50	0	0	0
florfenicol	Whole	0.003	not set	30	0	0	0
gentamycin	Whole	0.01	not set	50	0	0	0
lincomycin	Whole	0.05	0.2	50	0	0	0
metronidazole	Whole	0.0001	not set	25	0	0	0
neomycin	Whole	0.05	0.5	50	0	0	0
oleandomycin	Whole	0.001	not set	50	0	0	0
oxytetracycline	Whole	0.01	not set	50	0	0	0
ronidazole	Whole	0.0001	not set	25	0	0	0
SEM	Whole	0.00025	not set	25	0	0	0
streptomycin	Whole	0.05	not set	50	0	0	0
sulfachloropyridazine	Whole	0.02	not set	50	0	0	0
sulfadiazine	Whole	0.01	0.02	50	0	0	0
sulfadimethoxine	Whole	0.02	not set	50	0	0	0
sulfadimidine (sulfamethazine)	Whole	0.0025	0.005	50	0	0	0
sulfadoxine	Whole	0.02	not set	50	0	0	0
sulfafurazole	Whole	0.02	not set	50	0	0	0
sulfamerazine	Whole	0.02	not set	50	0	0	0
sulfamethoxazole	Whole	0.02	not set	50	0	0	0
sulfamethoxydiazine (sulfameter)	Whole	0.02	not set	50	0	0	0
sulfamethoxypyridazine	Whole	0.02	not set	50	0	0	0
sulfapyridine	Whole	0.02	not set	50	0	0	0
sulfaquinoxaline	Whole	0.005	0.01	50	0	0	0
sulfathiazole	Whole	0.02	not set	50	0	0	0
sulfatroxazole	Whole	0.02	not set	50	0	0	0
tetracycline	Whole	0.01	not set	50	0	0	0
thiamphenicol	Whole	0.0029	not set	30	0	0	0
tilmicosin	Whole	0.005	not set	50	0	0	0
trimethoprim	Whole	0.01	0.01	50	0	0	0
tulathromycin	Whole	0.01	not set	50	0	0	0
tylosin	Whole	0.1	0.2	50	0	0	0
virginiamycin	Whole	0.01	not set	50	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	Whole	0.01	4	50	0	0	0
decoquinate	Whole	0.002	not set	50	0	0	0
diclazuril	Whole	0.002	not set	50	0	0	0
halofuginone	Whole	0.002	not set	50	0	0	0
lasalocid	Whole	0.01	0.05	50	3	0	0
maduramicin	Whole	0.002	not set	50	0	0	0
monensin	Whole	0.01	not set	50	0	0	0
narasin	Whole	0.002	not set	50	0	0	0
nicarbazin (4,4'-dinitrocarbanilide)	Whole	0.01	0.3	50	2	0	0
salinomycin	Whole	0.002	0.02	50	0	0	0
semduramycin	Whole	0.002	not set	50	0	0	2
toltrazuril	Whole	0.01	0.03	50	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
acrylonitrile	Whole	0.01	0.02	3	0	0	0
aldrin and dieldrin (HHDN+HEOD)	Whole	0.01	0.1	60	0	0	0
arochlor 1254	Whole	0.03	0.2	60	0	0	0
arochlor 1260	Whole	0.03	0.2	60	0	0	0
chlordane	Whole	0.01	0.02	60	0	0	0
DDT	Whole	0.01	0.5	60	0	0	0
endosulfan	Whole	0.01	not set	60	0	0	0
endrin	Whole	0.01	not set	60	0	0	0
HCB (hexachlorobenzene)	Whole	0.01	1	60	0	0	0
HCH (BHC)	Whole	0.01	0.1	60	0	0	0
heptachlor	Whole	0.01	0.05	60	0	0	0
lindane (gamma-HCH)	Whole	0.01	0.1	60	0	0	0
mirex	Whole	0.01	not set	60	0	0	0
pentachlorobenzene	Whole	0.01	not set	60	0	0	0
total indicator PCBs	Whole	0.00005	0.2	3	0	0	0
vinyl chloride	Whole	0.005	0.01	3	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	Whole	0.01	0.01	60	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
azoxystrobin	Whole	0.01	0.01	60	0	0	0
benzovindiflupyr	Whole	0.01	0.01	60	0	0	0
bixafen	Whole	0.01	0.02	60	0	0	0
boscalid	Whole	0.01	0.5	60	0	0	0
carbendazim	Whole	0.01	0.1	60	0	0	0
cyproconazole	Whole	0.01	0.01	60	0	0	0
cyprodinil	Whole	0.01	0.01	24	0	0	0
difenoconazole	Whole	0.01	0.05	60	0	0	0
epoxiconazole	Whole	0.01	0.01	60	0	0	0
fenhexamid	Whole	0.01	not set	60	0	0	0
fenpyrazamine	Whole	0.01	0.01	60	0	0	0
fludioxonil	Whole	0.01	0.01	60	0	0	0
fluopicolide	Whole	0.01	0.01	60	0	0	0
fluopyram	Whole	0.01	0.02	60	0	0	0
fluquinconazole	Whole	0.01	0.02	60	0	0	0
flutriafol	Whole	0.01	0.05	60	0	0	0
fluxapyroxad	Whole	0.01	0.005	60	0	0	0
imazalil	Whole	0.01	0.01	60	0	0	0
isofetamid	Whole	0.01	0.02	60	0	0	0
isopyrazam	Whole	0.01	0.005	60	0	0	0
isotianil	Whole	0.01	0.02	24	0	0	0
mandestrobin	Whole	0.01	not set	60	0	0	0
mefentrifluconazole	Whole	0.01	0.01	60	0	0	0
procymidone	Whole	0.01	0.01	60	0	0	0
propamocarb	Whole	0.01	0.01	60	0	0	0
propiconazole	Whole	0.01	0.05	60	0	0	0
proquinazid	Whole	0.01	0.01	60	0	0	0
prothioconazole	Whole	0.01	0.01	60	0	0	0
pydiflumetofen	Whole	0.01	0.01	60	0	0	0
pyraclostrobin	Whole	0.01	0.05	60	0	0	0
pyrimethanil	Whole	0.01	not set	60	0	0	0
pyriofenone	Whole	0.01	0.01	60	0	0	0
quinoxyfen	Whole	0.01	0.01	60	0	0	0
quintozene	Whole	0.01	0.03	60	0	0	0
spiroxamine	Whole	0.01	0.02	60	0	0	0
tebuconazole	Whole	0.01	0.1	60	1	0	0
trifloxystrobin	Whole	0.01	not set	60	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	Whole	0.01	not set	60	0	0	0
cinmethylin	Whole	0.01	0.01	60	0	0	0
cloquintocet-mexyl	Whole	0.01	0.1	60	0	0	0
ethofumesate	Whole	0.01	not set	60	0	0	0
florpyrauxifen-benzyl	Whole	0.01	0.02	60	0	0	0
indaziflam	Whole	0.01	not set	60	0	0	0
metamitron	Whole	0.01	not set	60	0	0	0
metazachlor	Whole	0.01	0.05	60	0	0	0
metolachlor	Whole	0.01	0.01	60	0	0	0
propachlor	Whole	0.01	0.02	60	0	0	0
pyrasulfotole	Whole	0.01	0.01	60	0	0	0
pyroxsulam	Whole	0.01	0.01	60	0	0	0
saflufenacil	Whole	0.01	0.01	60	0	0	0
topramezone	Whole	0.01	0.01	60	0	0	0
trifludimoxazin	Whole	0.01	0.01	60	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	Whole	0.01	not set	60	0	0	0
acetamiprid	Whole	0.01	0.01	60	0	0	0
afidopyropen	Whole	0.012	0.1	60	0	0	0
bifenthrin	Whole	0.01	0.05	60	0	0	0
bioresmethrin	Whole	0.01	not set	60	0	0	0
buprofezin	Whole	0.01	0.1	60	0	0	0
carbaryl	Whole	0.01	0.02	60	0	0	0
chlorantraniliprole	Whole	0.01	0.03	60	0	0	0
chlorfenapyr	Whole	0.01	0.01	60	0	0	0
chlorfenvinphos	Whole	0.005	not set	60	0	0	0
chlorpyrifos	Whole	0.01	0.01	60	0	0	0
chlorpyrifos-methyl	Whole	0.01	0.05	60	0	0	0
clothianidin	Whole	0.01	0.02	60	0	0	0
coumaphos	Whole	0.01	not set	60	0	0	0
cyantraniliprole	Whole	0.01	0.01	60	0	0	0
cyclaniliprole	Whole	0.01	0.01	60	0	0	0
cyfluthrin	Whole	0.01	0.01	60	0	0	0
cyhalothrin	Whole	0.01	0.02	60	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
cypermethrin	Whole	0.01	0.05	60	0	0	0
deltamethrin	Whole	0.01	0.01	60	0	0	0
diafenthiuron	Whole	0.01	0.02	60	0	0	0
diazinon	Whole	0.01	0.05	60	0	0	0
dichlorvos	Whole	0.01	0.01	60	0	0	0
dicofol	Whole	0.01	not set	60	0	0	0
dimethoate	Whole	0.01	0.05	60	0	0	0
dinotefuran	Whole	0.01	0.02	60	0	0	0
ethion	Whole	0.01	not set	60	0	0	0
etofenprox	Whole	0.01	0.01	60	0	0	0
famphur	Whole	0.01	not set	60	0	0	0
famphur oxygen-analogue	Whole	0.01	not set	60	0	0	0
fenitrothion	Whole	0.01	0.05	60	0	0	0
fenthion	Whole	0.01	not set	60	0	0	0
fenvalerate	Whole	0.01	0.02	60	0	0	0
fipronil	Whole	0.01	0.02	60	0	0	0
flonicamid	Whole	0.01	0.02	60	0	0	0
flubendiamide	Whole	0.01	0.01	60	0	0	0
flumethrin	Whole	0.05	not set	60	0	0	0
flupyradifurone	Whole	0.01	0.01	60	0	0	0
fluralaner	Whole	0.01	1.3	60	0	0	0
imidacloprid	Whole	0.01	0.02	60	0	0	0
indoxacarb	Whole	0.01	0.01	60	0	0	0
isocycloseram	Whole	0.01	0.01	24	0	0	0
malathion	Whole	0.01	1	60	0	0	0
metaflumizone	Whole	0.01	not set	60	0	0	0
methidathion	Whole	0.01	not set	60	0	0	0
methoxychlor	Whole	0.01	not set	60	0	0	0
methoxyfenozide	Whole	0.01	0.01	24	0	0	0
mevinphos	Whole	0.01	not set	60	0	0	0
omethoate	Whole	0.01	0.05	60	0	0	0
parathion-methyl	Whole	0.01	not set	60	0	0	0
permethrin	Whole	0.01	0.1	60	0	0	0
phosmet	Whole	0.01	not set	60	0	0	0
pirimiphos-methyl	Whole	0.01	0.05	60	0	0	0
prothiofos	Whole	0.01	not set	60	0	0	0
pyraclofos	Whole	0.01	not set	60	0	0	0
pyriproxyfen	Whole	0.01	0.05	60	0	0	0
spirotetramat	Whole	0.01	0.02	60	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
sulfoxaflor	Whole	0.01	0.01	60	0	0	0
tau-fluvalinate	Whole	0.02	not set	60	0	0	0
temephos	Whole	0.01	not set	60	0	0	0

Table 7: METALS

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
antimony	Whole	0.01	no limit	18	0	0	0
arsenic (total)	Whole	0.05	no limit	18	1	0	0
cadmium	Whole	0.01	no limit	18	0	0	0
lead	Whole	0.01	no limit	18	0	0	0
mercury (total)	Whole	0.01	no limit	18	0	0	0