



# Australian Government

## Department of Agriculture, Fisheries and Forestry

# Eggs residue testing annual datasets 2021-22

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 Australian Government 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 Australian Government 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: ANTIBIOTICS**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
AHD	Whole	0.0004	not set	24	0	0	0
amoxicillin	Whole	0.005	0.05	30	0	0	0
AMOZ	Whole	0.000077	not set	24	0	0	0
ampicillin	Whole	0.005	not set	30	0	0	0
AOZ	Whole	0.000072	not set	24	0	0	0
apramycin	Whole	0.05	not set	30	0	0	0
avilamycin	Whole	0.05	not set	30	0	0	0
benzyl G penicillin	Whole	0.01	not set	30	0	0	0
ceftiofur (desfuroylceftiofur)	Whole	0.1	not set	30	0	0	0
cefuroxime	Whole	0.05	not set	30	0	0	0
cephalonium	Whole	0.005	not set	30	0	0	0
chloramphenicol	Whole	0.0001	not set	29	0	0	0

chlortetracycline	Whole	0.01	0.2	30	1	0	0
cloxacillin	Whole	0.005	not set	30	0	0	0
dihydrostreptomycin	Whole	0.05	not set	30	0	0	0
dimetridazole	Whole	0.0001	not set	26	0	0	0
doxycycline	Whole	0.01	not set	30	0	0	0
erythromycin	Whole	0.05	not set	30	0	0	0
florfenicol	Whole	0.003	not set	29	0	0	0
gentamycin	Whole	0.05	not set	30	0	0	0
lincomycin	Whole	0.05	0.2	30	0	0	0
metronidazole	Whole	0.0001	not set	26	0	0	0
neomycin	Whole	0.05	0.5	30	0	0	0
oleandomycin	Whole	0.01	not set	30	0	0	0
oxytetracycline	Whole	0.01	not set	30	0	0	0
ronidazole	Whole	0.0001	not set	26	0	0	0
SEM	Whole	0.00041	not set	24	0	0	0
streptomycin	Whole	0.05	not set	30	0	0	0
sulfachloropyridazine	Whole	0.02	not set	30	0	0	0
sulfadiazine	Whole	0.01	0.02	30	0	0	0
sulfadimethoxine	Whole	0.02	not set	30	0	0	0
sulfadimidine (sulfamethazine)	Whole	0.0025	0.005	30	0	0	0
sulfadoxine	Whole	0.02	not set	30	0	0	0
sulfafurazole	Whole	0.02	not set	30	0	0	0
sulfamerazine	Whole	0.02	not set	30	0	0	0
sulfamethoxazole	Whole	0.02	not set	30	0	0	0
sulfamethoxydiazine (sulfameter)	Whole	0.02	not set	30	0	0	0
sulfamethoxypyridazine	Whole	0.02	not set	30	0	0	0
sulfapyridine	Whole	0.02	not set	30	0	0	0
sulfaquinoxaline	Whole	0.005	0.01	30	0	0	0
sulfathiazole	Whole	0.02	not set	30	0	0	0
sulfatroxazole	Whole	0.02	not set	30	0	0	0
tetracycline	Whole	0.01	not set	30	0	0	0
thiamphenicol	Whole	0.0029	not set	29	0	0	0
tilmicosin	Whole	0.01	not set	30	0	0	0
trimethoprim	Whole	0.01	0.01	30	0	0	0
tulathromycin	Whole	0.1	not set	30	0	0	0
tylosin	Whole	0.1	0.2	30	0	0	0
virginiamycin	Whole	0.01	not set	30	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 $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to $\leq$ MRL	>MRL
amprolium	Whole	0.01	4	30	0	0	0
decoquinatate	Whole	0.002	not set	30	0	0	0
diclazuril	Whole	0.002	not set	30	0	0	0
halofuginone	Whole	0.002	not set	30	0	0	0
lasalocid	Whole	0.01	0.05	30	1	0	0
maduramicin	Whole	0.002	not set	30	0	0	0
monensin	Whole	0.01	not set	30	0	0	0
narasin	Whole	0.002	not set	30	0	0	0
nicarbazin (4,4'-dinitrocarbanilide)	Whole	0.01	0.3	30	2	0	0
salinomycin	Whole	0.002	0.02	30	0	0	0
semduramycin	Whole	0.002	not set	30	0	0	0
toltrazuril	Whole	0.01	0.03	30	0	0	0

**Table 3: CONTAMINANTS**

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
acrylonitrile	Whole	0.01	0.02	17	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	Whole	0.01	1	60	0	0	0
HCH	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	2	0	0
vinyl chloride	Whole	0.005	0.01	17	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
azoxystrobin	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
difenoconazole	Whole	0.01	0.05	60	0	0	0
epoxiconazole	Whole	0.01	0.01	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
isopyrazam	Whole	0.01	0.005	60	0	0	0
mandestrobin	Whole	0.01	not set	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
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
quinoxifen	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	0	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 $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to $\leq$ MRL	>MRL
amicarbazone	Whole	0.01	not set	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

**Table 6: INSECTICIDES**

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
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
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	0.01	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
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
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
fluensulfone	Whole	0.02	0.01	60	0	0	0
flumethrin	Whole	0.05	not set	60	0	0	0
flupyradifurone	Whole	0.01	not set	60	0	0	0
imidacloprid	Whole	0.01	0.02	60	0	0	0
indoxacarb	Whole	0.01	0.01	60	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
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
spirotetramat	Whole	0.01	0.02	60	0	0	0
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 $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to $\leq$ MRL	>MRL
antimony	Whole	0.01	no limit	19	0	0	0
arsenic (total)	Whole	0.05	no limit	19	0	0	0
cadmium	Whole	0.01	no limit	19	0	0	0
lead	Whole	0.01	no limit	19	1	0	0
mercury (total)	Whole	0.01	no limit	19	0	0	0