



Australian Government

Department of Agriculture, Fisheries and Forestry

Bran residue testing annual datasets 2022-23

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.

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Table 1: CONTAMINANTS

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
aldrin and dieldrin (HHDN+HEOD)	Whole	0.01	0.02	104	0	0
chlordane	Whole	0.01	0.02	104	0	0
DDT	Whole	0.01	0.1	104	0	0
endosulfan	Whole	0.01	not set	104	-	-
endrin	Whole	0.01	not set	104	-	-
HCB (hexachlorobenzene)	Whole	0.01	0.05	104	0	0
HCH (BHC)	Whole	0.01	0.1	104	0	0
heptachlor	Whole	0.01	0.02	104	0	0
lindane (gamma-HCH)	Whole	0.01	0.5	104	0	0
mirex	Whole	0.01	not set	104	-	-

Table 2: FUNGICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
azoxystrobin	Whole	0.01	0.02	104	0	0
benalaxyl	Whole	0.01	not set	104	-	-
benzovindiflupyr	Whole	0.01	0.01	104	0	0
bitertanol	Whole	0.01	not set	104	-	-
bixafen	Whole	0.01	0.01	104	0	0
boscalid	Whole	0.01	0.5	104	0	0
bupirimate	Whole	0.01	not set	104	-	-
captafol	Whole	0.01	not set	104	-	-
captan	Whole	0.01	not set	104	-	-
carbendazim	Whole	0.01	not set	104	-	-
carboxin	Whole	0.01	0.1	104	0	0
chlorothalonil	Whole	0.01	not set	104	-	-
cyproconazole	Whole	0.01	0.02	104	0	0
cyprodinil	Whole	0.01	not set	104	-	-
difenoconazole	Whole	0.01	0.01	104	0	0
dimethomorph	Whole	0.01	not set	104	-	-
dithianon	Whole	0.01	not set	104	-	-
dodine	Whole	0.01	not set	104	-	-
epoxiconazole	Whole	0.01	0.3	104	0	0
etridiazole	Whole	0.01	not set	104	-	-
fenarimol	Whole	0.01	not set	104	-	-
fenbuconazole	Whole	0.01	not set	104	-	-
fenhexamid	Whole	0.01	not set	104	-	-
fluazinam	Whole	0.01	not set	104	-	-
fludioxonil	Whole	0.01	not set	104	-	-
fluopicolide	Whole	0.01	0.01	104	0	0
fluopyram	Whole	0.01	0.03	104	0	0
fluquinconazole	Whole	0.01	0.02	104	0	0
flusilazole	Whole	0.01	not set	104	-	-
flutriafol	Whole	0.01	0.1	104	0	0
fluxapyroxad	Whole	0.01	0.1	104	0	0
hexaconazole	Whole	0.01	not set	104	-	-
imazalil	Whole	0.01	not set	104	-	-
ipconazole	Whole	0.01	0.01	104	0	0
iprodione	Whole	0.01	not set	104	-	-
isoprothiolane	Whole	0.01	not set	104	-	-
isopyrazam	Whole	0.01	not set	104	-	-
kresoxim-methyl	Whole	0.01	not set	104	-	-
metalaxyl	Whole	0.01	0.01	104	0	0

myclobutanil	Whole	0.01	not set	104	-	-
oxadixyl	Whole	0.01	not set	104	-	-
penconazole	Whole	0.01	not set	104	-	-
penflufen	Whole	0.01	0.01	104	0	0
prochloraz	Whole	0.01	not set	104	-	-
procymidone	Whole	0.01	not set	104	-	-
propiconazole	Whole	0.01	0.05	104	0	0
prothioconazole	Whole	0.01	0.5	104	0	0
pydiflumetofen	Whole	0.01	3	104	0	0
pyraclostrobin	Whole	0.01	0.01	104	0	0
pyrimethanil	Whole	0.01	not set	104	-	-
quinoxifen	Whole	0.01	not set	104	-	-
quintozene	Whole	0.01	not set	104	-	-
sedaxane	Whole	0.01	0.01	104	0	0
spiroxamine	Whole	0.01	not set	104	-	-
tebuconazole	Whole	0.01	0.2	104	0	0
thiabendazole	Whole	0.01	not set	104	-	-
tolclofos methyl	Whole	0.01	not set	104	-	-
triadimefon	Whole	0.01	0.5	104	0	0
triadimenol	Whole	0.01	0.01	104	0	0
trifloxystrobin	Whole	0.01	not set	104	-	-
triticonazole	Whole	0.01	0.05	104	0	0
uniconazole-P	Whole	0.01	not set	41	-	-
vinclozolin	Whole	0.01	not set	104	-	-

Table 3: HERBICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
2,2-DPA (2,2-dichloropropionic acid)	Whole	0.01	0.1	104	0	0
2,4-D	Whole	0.01	0.2	104	0	0
2,4-DB	Whole	0.01	0.02	104	0	0
acifluorfen	Whole	0.01	not set	104	-	-
ametryn	Whole	0.01	not set	104	-	-
aminopyralid	Whole	0.01	0.3	104	0	0
amitrole	Whole	0.01	0.01	22	0	0
atrazine	Whole	0.01	not set	104	-	-
bentazone	Whole	0.01	not set	104	-	-
bicyclopyrone	Whole	0.01	0.05	104	0	0
bixlozone	Whole	0.01	0.01	104	0	0
bromacil	Whole	0.01	not set	104	-	-

bromoxynil	Whole	0.01	0.2	104	0	0
butafenacil	Whole	0.01	0.02	104	0	0
butroxydim	Whole	0.01	not set	104	-	-
carfentrazone-ethyl	Whole	0.01	0.05	104	0	0
chlormequat	Whole	0.01	5	22	0	0
chlorpropham	Whole	0.01	not set	104	-	-
chlorsulfuron	Whole	0.01	0.05	104	0	0
chlorthal-dimethyl	Whole	0.01	not set	104	-	-
cinmethylin	Whole	0.01	0.01	104	0	0
clethodim	Whole	0.01	0.1	104	0	0
clodinafop acid	Whole	0.01	0.1	104	0	0
clodinafop-propargyl	Whole	0.01	0.05	104	0	0
clomazone	Whole	0.01	not set	104	-	-
clopyralid	Whole	0.01	2	104	0	0
cloquintocet-mexyl	Whole	0.01	0.1	104	0	0
cyanazine	Whole	0.01	0.01	104	0	0
dicamba	Whole	0.01	0.05	104	0	0
dichlobenil	Whole	0.01	not set	104	-	-
dichlorprop-P	Whole	0.01	not set	22	-	-
diclofop-methyl	Whole	0.01	0.1	22	0	0
diflufenican	Whole	0.01	0.02	104	0	0
dimethenamid-P	Whole	0.01	not set	104	-	-
diquat	Whole	0.01	2	22	0	0
diuron	Whole	0.01	0.1	104	0	0
EPTC	Whole	0.01	0.04	104	0	0
ethofumesate	Whole	0.01	not set	104	-	-
fenoxaprop-ethyl	Whole	0.01	0.01	104	0	0
flamprop-M-methyl	Whole	0.01	0.05	22	0	0
florasulam	Whole	0.01	0.01	104	0	0
florpyrauxifen-benzyl	Whole		not set	104	-	-
fluazifop-p-butyl	Whole	0.01	not set	22	-	-
flumetsulam	Whole	0.01	0.05	104	0	0
flumioxazin	Whole	0.01	0.05	104	0	0
fluroxypyr	Whole	0.01	0.2	104	0	0
fomesafen	Whole	0.01	not set	104	-	-
glufosinate	Whole	0.01	not set	22	-	-
glyphosate	Whole	0.01	20	22	0	0
halauxifen-methyl	Whole	0.01	0.01	104	0	0
halosulfuron-methyl	Whole	0.01	not set	104	-	-
haloxyfop	Whole	0.005	not set	22	-	-
iodosulfuron-methyl	Whole	0.01	0.01	104	0	0
ioxynil	Whole	0.01	not set	104	-	-

isoxaben	Whole	0.01	0.01	104	0	0
isoxaflutole	Whole	0.01	0.02	104	0	0
linuron	Whole	0.01	0.05	104	0	0
MCPA	Whole	0.01	0.02	104	0	0
MCPB	Whole	0.01	0.02	104	0	0
mefenpyr-diethyl	Whole	0.01	0.01	104	0	0
mesotrione	Whole	0.01	0.01	104	0	0
metamitron	Whole	0.01	not set	104	-	-
metazachlor	Whole	0.01	0.03	104	0	0
methabenzthiazuron	Whole	0.01	not set	104	-	-
metolachlor	Whole	0.01	0.02	104	0	0
metosulam	Whole	0.01	0.02	104	0	0
metribuzin	Whole	0.01	0.05	104	0	0
metsulfuron-methyl	Whole	0.01	0.02	104	0	0
napropamide	Whole	0.01	not set	104	-	-
norflurazon	Whole	0.01	not set	104	-	-
oryzalin	Whole	0.01	0.01	104	0	0
oxyfluorfen	Whole	0.01	0.05	104	0	0
paraquat	Whole	0.01	0.05	22	0	0
pendimethalin	Whole	0.01	0.05	104	0	0
picloram	Whole	0.01	0.2	104	0	0
picolinafen	Whole	0.01	0.02	104	0	0
pinoxaden (parent)	Whole	0.01	0.5	104	0	0
prometryn	Whole	0.01	0.1	104	0	0
propachlor	Whole	0.01	0.05	104	0	0
propaquizafop	Whole	0.01	not set	22	-	-
propyzamide	Whole	0.01	not set	104	-	-
prosulfocarb	Whole	0.01	0.01	104	0	0
pyraflufen-ethyl	Whole	0.01	0.02	104	0	0
pyrasulfotole	Whole	0.01	0.03	104	0	0
pyroxasulfone	Whole	0.01	0.01	104	0	0
pyroxulam	Whole	0.01	0.01	104	0	0
quizalofop-ethyl	Whole	0.01	not set	22	-	-
quizalofop-P-tefuryl	Whole	0.01	not set	22	-	-
saflufenacil	Whole	0.01	0.5	104	0	0
sethoxydim	Whole	0.01	0.1	104	0	0
simazine	Whole	0.01	not set	104	-	-
sulfosulfuron	Whole	0.01	0.01	104	0	0
terbuthylazine	Whole	0.01	0.01	104	0	0
terbutryn	Whole	0.01	0.1	104	0	0
tiafenacil	Whole	0.01	0.01	104	0	0
topramezone	Whole	0.01	0.01	104	0	0

tralkoxydim	Whole	0.01	0.02	104	0	0
triallate	Whole	0.01	0.05	104	0	0
triasulfuron	Whole	0.01	0.02	104	0	0
tribenuron-methyl	Whole	0.01	0.01	104	0	0
triclopyr	Whole	0.01	not set	104	-	-
trifludimoxazin	Whole	0.01	0.01	104	0	0
trifluralin	Whole	0.01	0.05	104	0	0

Table 4: INSECTICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
abamectin	Whole	0.01	not set	104	-	-
acephate	Whole	0.01	not set	104	-	-
acetamiprid	Whole	0.01	not set	104	-	-
aldicarb	Whole	0.01	not set	104	-	-
amitraz	Whole	0.01	not set	104	-	-
azamethiphos	Whole	0.01	0.5	104	0	0
azinphos-methyl	Whole	0.01	not set	104	-	-
bifenazate	Whole	0.01	not set	104	-	-
bifenthrin	Whole	0.01	0.02	104	0	0
bioresmethrin	Whole	0.01	not set	104	-	-
buprofezin	Whole	0.01	0.01	104	0	0
cadusafos	Whole	0.01	not set	104	-	-
carbaryl	Whole	0.01	10	104	0	0
carbofuran	Whole	0.01	not set	104	-	-
chlorantraniliprole	Whole	0.01	0.1	104	0	0
chlorfenapyr	Whole	0.01	not set	104	-	-
chlorfenvinphos	Whole	0.01	0.05	104	0	0
chlorpyrifos	Whole	0.01	0.1	104	0	0
chlorpyrifos-methyl	Whole	0.01	20	104	0	0
clofentezine	Whole	0.01	not set	104	-	-
clothianidin	Whole	0.01	0.02	104	0	0
cyantraniliprole	Whole	0.01	0.05	104	0	0
cyfluthrin	Whole	0.01	not set	104	-	-
cyhalothrin	Whole	0.01	0.05	104	0	0
cypermethrin	Whole	0.01	0.2	104	0	0
deltamethrin	Whole	0.01	5	104	0	0
diafenthiuron	Whole	0.01	not set	104	-	-
diazinon	Whole	0.01	0.1	104	0	0
dichlorvos	Whole	0.01	0.01	104	0	0
dicofol	Whole	0.01	not set	104	-	-

diflubenzuron	Whole	0.01	not set	104	-	-
dimethoate	Whole	0.01	1	104	0	0
dinotefuran	Whole	0.01	not set	104	-	-
disulfoton	Whole	0.01	not set	104	-	-
emamectin	Whole	0.01	0.01	104	0	0
ethion	Whole	0.01	not set	104	-	-
ethoprophos	Whole	0.005	not set	104	-	-
etoxazole	Whole	0.01	not set	104	-	-
fenamiphos	Whole	0.01	not set	104	-	-
fenbutatin oxide	Whole	0.01	not set	104	-	-
fenitrothion	Whole	0.01	20	104	0	0
fenoxycarb	Whole	0.01	not set	104	-	-
fenpyroximate	Whole	0.01	not set	104	-	-
fenthion	Whole	0.01	not set	104	-	-
fenvaleate	Whole	0.01	5	104	0	0
fipronil	Whole	0.002	not set	104	-	-
flonicamid	Whole	0.01	not set	104	-	-
fluensulfone	Whole	0.01	0.05	104	0	0
flupyradifurone	Whole	0.01	0.2	104	0	0
hexythiazox	Whole	0.01	not set	104	-	-
imidacloprid	Whole	0.01	0.05	104	0	0
indoxacarb	Whole	0.01	not set	104	-	-
malathion	Whole	0.01	20	104	0	0
methacrifos	Whole	0.01	not set	104	-	-
methamidophos	Whole	0.01	not set	104	-	-
methidathion	Whole	0.01	not set	104	-	-
methiocarb	Whole	0.01	not set	104	-	-
methomyl	Whole	0.01	0.1	104	0	0
methoprene	Whole	0.01	5	104	0	0
methoxychlor	Whole	0.01	not set	104	-	-
methoxyfenozide	Whole	0.01	not set	104	-	-
mevinphos	Whole	0.01	not set	104	-	-
monocrotophos	Whole	0.01	not set	104	-	-
omethoate	Whole	0.01	0.05	104	0	0
parathion	Whole	0.01	not set	104	-	-
parathion-methyl	Whole	0.01	not set	104	-	-
permethrin	Whole	0.01	5	104	0	0
phenothrin	Whole	0.01	5	104	0	0
phorate	Whole	0.01	not set	104	-	-
phosmet	Whole	0.01	0.05	104	0	0
piperonyl butoxide	Whole	0.01	40	104	0	0
pirimicarb	Whole	0.01	0.02	104	0	0

pirimiphos-methyl	Whole	0.01	20	104	0	0
profenofos	Whole	0.01	not set	104	-	-
propargite	Whole	0.01	not set	104	-	-
prothiofos	Whole	0.01	not set	104	-	-
pymetrozine	Whole	0.01	not set	104	-	-
pyrethrins	Whole	0.01	3	104	0	0
pyriproxyfen	Whole	0.01	not set	104	-	-
spinetoram	Whole	0.01	not set	104	-	-
spinosad	Whole	0.01	2	104	0	0
spirotetramat	Whole	0.01	not set	104	-	-
sulfoxaflor	Whole	0.01	0.05	104	0	0
tau-fluvalinate	Whole	0.01	not set	104	-	-
tebufenozide	Whole	0.01	not set	104	-	-
tebufenpyrad	Whole	0.01	not set	104	-	-
terbufos	Whole	0.01	0.01	104	0	0
tetradifon	Whole	0.01	not set	104	-	-
thiacloprid	Whole	0.01	not set	104	-	-
thiamethoxam	Whole	0.01	0.01	104	0	0
thiodicarb	Whole	0.01	not set	104	-	-
triazofos	Whole	0.01	not set	104	-	-
trichlorfon	Whole	0.01	0.1	104	0	0
triflumuron	Whole	0.01	0.05	104	0	0

Table 5: PHYSIOLOGICAL MODIFIER

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
forchlorfenuron	Whole	0.01	not set	104	-	-
prohexadione-calcium	Whole	0.01	not set	104	-	-
trinexapac-ethyl	Whole	0.01	0.5	104	0	0