



Wheat 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

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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	2882	0	0
chlordane	Whole	0.01	0.02	2882	0	0
DDT	Whole	0.01	0.1	2882	0	0
endosulfan	Whole	0.01	not set	2882	-	-
endrin	Whole	0.01	not set	2882	-	-
HCB	Whole	0.01	0.05	2882	0	0
HCH	Whole	0.01	0.1	2882	0	0
heptachlor	Whole	0.01	0.02	2882	0	0
lindane (gamma-HCH)	Whole	0.01	0.5	2882	0	0
mirex	Whole	0.01	not set	2882	-	-

Table 2: FUNGICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
azoxystrobin	Whole	0.01	0.1	2882	0	0



benalaxyl	Whole	0.01	not set	2882	-	-
bitertanol	Whole	0.01	not set	2882	-	-
bixafen	Whole	0.01	0.01	2882	0	0
boscalid	Whole	0.01	0.5	2882	0	0
bupirimate	Whole	0.01	not set	2882	-	-
captafol	Whole	0.02	not set	2882	-	-
captan	Whole	0.01	not set	2882	-	-
carbendazim	Whole	0.01	not set	2882	-	-
carboxin	Whole	0.01	0.1	2882	0	0
chlorothalonil	Whole	0.01	not set	2882	-	-
cyproconazole	Whole	0.01	0.02	2882	0	0
cyprodinil	Whole	0.01	not set	2882	-	-
difenoconazole	Whole	0.01	0.01	2882	0	0
dimethomorph	Whole	0.01	not set	2882	-	-
dithianon	Whole	0.01	not set	2882	-	-
dodine	Whole	0.01	not set	2882	-	-
epoxiconazole	Whole	0.01	0.05	2882	0	0
etridiazole	Whole	0.01	not set	2882	-	-
fenarimol	Whole	0.01	not set	2882	-	-
fenbuconazole	Whole	0.01	0.01	2882	0	0
fenhexamid	Whole	0.01	not set	2882	-	-
fluzinam	Whole	0.01	not set	2882	-	-
fludioxonil	Whole	0.01	not set	2882	-	-
fluquinconazole	Whole	0.01	0.02	2882	0	0
flusilazole	Whole	0.01	not set	2882	-	-
flutriafol	Whole	0.01	0.1	2882	1	0
fluxapyroxad	Whole	0.01	0.1	2882	0	0
hexaconazole	Whole	0.01	not set	2882	-	-
imazalil	Whole	0.01	not set	2882	-	-
ipconazole	Whole	0.01	0.01	2882	0	0
iprodione	Whole	0.01	not set	2882	-	-
isoprothiolane	Whole	0.01	not set	2882	-	-
kresoxim-methyl	Whole	0.01	not set	2882	-	-
metalaxyl	Whole	0.01	0.01	2882	0	0
myclobutanil	Whole	0.01	not set	2882	-	-
oxadixyl	Whole	0.01	not set	2882	-	-
penconazole	Whole	0.01	not set	2882	-	-
penflufen	Whole	0.01	0.01	2882	0	0
prochloraz	Whole	0.01	not set	2882	-	-



procymidone	Whole	0.01	not set	2882	-	-
propiconazole	Whole	0.01	0.05	2882	0	0
prothioconazole	Whole	0.01	0.3	2882	0	0
pyraclostrobin	Whole	0.01	0.01	2882	0	0
pyrimethanil	Whole	0.01	not set	2882	-	-
quinoxifen	Whole	0.01	not set	2882	-	-
sedaxane	Whole	0.01	0.01	2882	0	0
spiroxamine	Whole	0.01	not set	2882	-	-
tebuconazole	Whole	0.01	0.2	2882	0	0
thiabendazole	Whole	0.01	not set	2882	-	-
tolclofos methyl	Whole	0.01	not set	2882	-	-
triadimefon	Whole	0.01	0.5	2882	0	0
triadimenol	Whole	0.01	0.01	2882	0	0
trifloxystrobin	Whole	0.01	not set	2882	-	-
triticonazole	Whole	0.01	0.05	2882	0	0
vinclozolin	Whole	0.01	not set	2882	-	-

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	2882	0	0
2,4-D	Whole	0.01	0.2	2882	0	0
2,4-DB	Whole	0.01	0.02	2882	0	0
acifluorfen	Whole	0.01	not set	2882	-	-
ametryn	Whole	0.01	not set	2882	-	-
aminopyralid	Whole	0.01	0.1	2882	0	0
amitrole	Whole	0.01	0.01	426	0	0
atrazine	Whole	0.01	not set	2882	-	-
bentazone	Whole	0.01	not set	2882	-	-
bicyclopyrone	Whole	0.01	0.02	2882	0	0
bromacil	Whole	0.01	not set	2882	-	-
bromoxynil	Whole	0.01	0.2	2882	0	0
butoxydim	Whole	0.01	not set	2882	-	-
carfentrazone-ethyl	Whole	0.01	0.05	2882	0	0
chlormequat	Whole	0.01	5	426	0	0
chlorpropham	Whole	0.01	not set	2882	-	-
chlorsulfuron	Whole	0.01	0.05	2882	0	0
chlorthal-dimethyl	Whole	0.01	not set	2882	-	-



clethodim	Whole	0.01	0.1	2882	0	0
clodinafop acid	Whole	0.01	0.1	2882	0	0
clodinafop-propargyl	Whole	0.01	0.05	2882	0	0
clomazone	Whole	0.01	not set	2882	-	-
clopyralid	Whole	0.01	2	2882	0	0
cloquintocet-mexyl	Whole	0.01	0.1	2882	0	0
cyanazine	Whole	0.01	0.01	2882	0	0
dicamba	Whole	0.01	0.05	2882	0	0
dichlobenil	Whole	0.01	not set	2882	-	-
dichlorprop-P	Whole	0.01	not set	426	-	-
diclofop-methyl	Whole	0.01	0.1	426	0	0
diflufenican	Whole	0.01	0.02	2882	0	0
dimethenamid-P	Whole	0.01	not set	2882	-	-
diquat	Whole	0.01	2	426	0	0
diuron	Whole	0.01	0.1	2882	0	0
EPTC	Whole	0.01	0.04	2882	0	0
ethofumesate	Whole	0.01	not set	2882	-	-
fenoxaprop-ethyl	Whole	0.01	0.01	2882	0	0
flamprop-M-methyl	Whole	0.01	0.05	426	0	0
florasulam	Whole	0.01	0.01	2882	0	0
fluazifop-p-butyl	Whole	0.01	not set	426	-	-
flumetsulam	Whole	0.01	0.05	2882	0	0
flumioxazin	Whole	0.01	0.05	2882	0	0
fluroxypyr	Whole	0.01	0.2	2882	0	0
glufosinate	Whole	0.01	not set	426	-	-
glyphosate	Whole	0.01	5	426	0	0
halauxifen-methyl	Whole	0.01	0.01	2882	0	0
halosulfuron-methyl	Whole	0.01	not set	2882	-	-
haloxyfop	Whole	0.01	not set	426	-	-
imazamox	Whole	0.01	0.05	831	0	0
imazapic	Whole	0.01	0.05	831	0	0
imazapyr	Whole	0.01	0.05	831	4	0
imazaquin	Whole	0.01	not set	831	-	-
imazethapyr	Whole	0.01	not set	831	-	-
iodosulfuron-methyl	Whole	0.01	0.01	2882	0	0
ioxynil	Whole	0.01	not set	2882	-	-
isoxaben	Whole	0.01	0.01	2882	0	0
isoxaflutole	Whole	0.01	0.02	2882	0	0
linuron	Whole	0.01	0.05	2882	0	0



MCPA	Whole	0.01	0.02	2882	0	0
MCPB	Whole	0.01	0.02	2882	0	0
mefenpyr-diethyl	Whole	0.01	0.01	2882	0	0
metazachlor	Whole	0.01	0.03	2882	0	0
methabenzthiazuron	Whole	0.01	not set	2882	-	-
metolachlor	Whole	0.01	0.02	2882	0	0
metosulam	Whole	0.01	0.02	2882	0	0
metribuzin	Whole	0.01	0.05	2882	0	0
metsulfuron-methyl	Whole	0.01	0.02	2882	0	0
napropamide	Whole	0.01	not set	2882	-	-
norflurazon	Whole	0.01	not set	2882	-	-
oryzalin	Whole	0.01	0.01	2882	0	0
oxyfluorfen	Whole	0.01	0.05	2882	0	0
paraquat	Whole	0.01	0.05	426	0	0
pendimethalin	Whole	0.01	0.05	2882	0	0
picloram	Whole	0.01	0.2	2882	0	0
picolinafen	Whole	0.01	0.02	2882	0	0
pinoxaden (parent)	Whole	0.01	0.1	2882	0	0
prometryn	Whole	0.01	0.1	2882	0	0
propachlor	Whole	0.01	0.05	2882	0	0
propaquizafop	Whole	0.01	not set	426	-	-
propyzamide	Whole	0.01	not set	2882	-	-
prosulfocarb	Whole	0.01	0.01	2882	0	0
pyraflufen-ethyl	Whole	0.01	0.02	2882	0	0
pyrasulfotole	Whole	0.01	0.02	2882	0	0
pyroxasulfone	Whole	0.01	0.01	2882	0	0
pyroxsulam	Whole	0.01	0.01	2882	0	0
quizalofop-ethyl	Whole	0.01	not set	426	-	-
quizalofop-P-tefuryl	Whole	0.01	not set	426	-	-
saflufenacil	Whole	0.01	0.2	2882	0	0
sethoxydim	Whole	0.01	0.1	2882	0	0
simazine	Whole	0.01	not set	2882	-	-
sulfosulfuron	Whole	0.01	0.01	2882	0	0
terbuthylazine	Whole	0.01	0.01	2882	0	0
terbutryn	Whole	0.01	0.1	2882	0	0
tralkoxydim	Whole	0.01	0.02	2882	0	0
triallate	Whole	0.01	0.05	2882	0	0
triasulfuron	Whole	0.01	0.02	2882	0	0
tribenuron-methyl	Whole	0.01	0.01	2882	0	0



tricyclopyr	Whole	0.01	not set	2882	-	-
trifluralin	Whole	0.01	0.05	2882	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	2882	-	-
acephate	Whole	0.01	not set	2882	-	-
acetamiprid	Whole	0.01	not set	2882	-	-
aldicarb	Whole	0.01	not set	2882	-	-
amitraz	Whole	0.01	not set	2882	-	-
azamethiphos	Whole	0.01	0.1	2882	0	0
azinphos-methyl	Whole	0.01	not set	2882	-	-
bifenazate	Whole	0.01	not set	2882	-	-
bifenthrin	Whole	0.01	0.02	2882	1	0
bioresmethrin	Whole	0.01	not set	2882	-	-
buprofezin	Whole	0.01	0.01	2882	0	0
cadusafos	Whole	0.01	not set	2882	-	-
carbaryl	Whole	0.01	5	2882	0	0
carbofuran	Whole	0.01	not set	2882	-	-
chlorantraniliprole	Whole	0.01	0.1	2882	0	0
chlorfenapyr	Whole	0.01	not set	2882	-	-
chlorfenvinphos	Whole	0.01	0.05	2882	0	0
chlorpyrifos	Whole	0.01	0.1	2882	2	1
chlorpyrifos-methyl	Whole	0.01	10	2882	1	0
clofentezine	Whole	0.01	not set	2882	-	-
clothianidin	Whole	0.01	0.02	2882	0	0
cyantraniliprole	Whole	0.01	0.05	2882	0	0
cyfluthrin	Whole	0.01	not set	2882	-	-
cyhalothrin	Whole	0.01	0.05	2882	0	0
cypermethrin	Whole	0.01	0.2	2882	0	0
deltamethrin	Whole	0.01	2	2882	0	0
diafenthiuron	Whole	0.01	not set	2882	-	-
diazinon	Whole	0.01	0.1	2882	0	0
dichlorvos	Whole	0.01	0.01	2882	0	0
dicofol	Whole	0.01	not set	2882	-	-
diflubenzuron	Whole	0.01	not set	2882	-	-
dimethoate	Whole	0.01	0.5	2882	0	0
disulfoton	Whole	0.01	not set	2882	-	-



emamectin	Whole	0.01	0.01	2882	0	0
ethion	Whole	0.01	not set	2882	-	-
ethoprophos	Whole	0.005	not set	2882	-	-
etoxazole	Whole	0.01	not set	2882	-	-
fenamiphos	Whole	0.01	not set	2882	-	-
fenbutatin oxide	Whole	0.01	not set	2882	-	-
fenitrothion	Whole	0.01	10	2882	0	0
fenoxycarb	Whole	0.01	not set	2882	-	-
fenpyroximate	Whole	0.01	not set	2882	-	-
fenthion	Whole	0.01	not set	2882	-	-
fenvaleate	Whole	0.01	2	2882	0	0
fipronil	Whole	0.002	not set	2882	-	-
flonicamid	Whole	0.01	not set	2882	-	-
hexythiazox	Whole	0.01	not set	2882	-	-
imidacloprid	Whole	0.01	0.05	2882	0	0
indoxacarb	Whole	0.01	not set	2882	-	-
malathion	Whole	0.01	8	2882	0	0
methacrifos	Whole	0.01	not set	2882	-	-
methamidophos	Whole	0.01	not set	2882	-	-
methidathion	Whole	0.01	not set	2882	-	-
methiocarb	Whole	0.01	not set	2882	-	-
methomyl	Whole	0.01	0.1	2882	0	0
methoprene	Whole	0.01	2	2882	0	0
methoxychlor	Whole	0.01	not set	2882	-	-
methoxyfenozide	Whole	0.01	not set	2882	-	-
mevinphos	Whole	0.01	not set	2882	-	-
monocrotophos	Whole	0.01	not set	2882	-	-
omethoate	Whole	0.01	0.05	2882	0	0
parathion	Whole	0.01	not set	2882	-	-
parathion-methyl	Whole	0.01	not set	2882	-	-
permethrin	Whole	0.01	2	2882	0	0
phenothrin	Whole	0.01	2	2882	0	0
phorate	Whole	0.01	not set	2882	-	-
phosmet	Whole	0.01	0.05	2882	0	0
piperonyl butoxide	Whole	0.01	20	2882	0	0
pirimicarb	Whole	0.01	0.02	2882	0	0
pirimiphos-methyl	Whole	0.01	10	2882	0	0
profenofos	Whole	0.01	not set	2882	-	-
propargite	Whole	0.01	not set	2882	-	-



prothiofos	Whole	0.01	not set	2882	-	-
pymetrozine	Whole	0.01	not set	2882	-	-
pyrethrins	Whole	0.01	3	2882	0	0
pyriproxyfen	Whole	0.01	not set	2882	-	-
spinetoram	Whole	0.01	not set	2882	-	-
spinosad	Whole	0.01	1	2882	1	0
spirotetramat	Whole	0.01	not set	2882	-	-
sulfoxaflor	Whole	0.01	0.01	2882	0	0
tau-fluvalinat	Whole	0.01	not set	2882	-	-
tebufenozide	Whole	0.01	not set	2882	-	-
tebufenpyrad	Whole	0.01	not set	2882	-	-
terbufos	Whole	0.01	0.01	2882	0	0
tetradifon	Whole	0.01	not set	2882	-	-
thiacloprid	Whole	0.01	not set	2882	-	-
thiamethoxam	Whole	0.01	0.01	2882	1	0
thiodicarb	Whole	0.01	not set	2882	-	-
triazofos	Whole	0.01	not set	2882	-	-
trichlorfon	Whole	0.01	0.1	2882	0	0
triflumuron	Whole	0.01	0.05	2882	0	0

Table 5: PHYSIOLOGICAL MODIFIER

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>1/2MRL to ≤MRL	>MRL
trinexapac-ethyl	Whole	0.01	0.2	2882	0	0