



Wheat residue testing annual datasets 2015–16

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 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 Fungicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
azoxystrobin	whole	0.01	0.1	3073	0	0
benalaxyl	whole	0.01	not set	3073	–	0
bitertanol	whole	0.01	not set	3073	–	0
boscalid	whole	0.01	0.5	3073	0	0
bupirimate	whole	0.01	not set	3073	–	0
captafol	whole	0.02	not set	3073	–	0
captan	whole	0.02	not set	3073	–	0
carbendazim	whole	0.01	not set	3073	–	0
chlorothalonil	whole	0.01	not set	3073	–	0
cyproconazole	whole	0.01	0.02	3073	0	0
cyprodinil	whole	0.01	not set	3073	–	0
difenoconazole	whole	0.01	0.01	3073	0	0

Wheat residue testing annual datasets 2015–16

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dimethomorph	whole	0.01	not set	3073	–	0
dithianon	whole	0.01	not set	3073	–	0
dodine	whole	0.01	not set	3073	–	0
epoxiconazole	whole	0.01	0.05	3073	0	0
etridiazole	whole	0.01	not set	3073	–	0
fenarimol	whole	0.01	not set	3073	–	0
fenhexamid	whole	0.01	not set	3073	–	0
fluazinam	whole	0.01	not set	3073	–	0
fludioxonil	whole	0.01	not set	3073	–	0
fluquinconazole	whole	0.01	0.02	3073	0	0
flusilazole	whole	0.01	not set	3073	–	0
flutriafol	whole	0.01	0.02	3073	11	11
fluxapyroxad	whole	0.01	0.01	3073	0	0
hexaconazole	whole	0.01	not set	3073	–	0
imazalil	whole	0.01	not set	3073	–	0
ipconazole	whole	0.01	0.01	3073	0	0
iprodione	whole	0.01	not set	3073	–	0
kresoxim-methyl	whole	0.01	not set	3073	–	0
metalaxyl	whole	0.01	0.01	3073	0	0
myclobutanil	whole	0.01	not set	3073	–	0
oxadixyl	whole	0.01	not set	3073	–	0
penconazole	whole	0.01	not set	3073	–	0
prochloraz	whole	0.01	not set	3073	–	0
procymidone	whole	0.01	not set	3073	–	0
propiconazole	whole	0.01	0.05	3073	0	0
prothioconazole	whole	0.01	0.3	3073	0	0
pyraclostrobin	whole	0.01	0.01	3073	0	0
pyrimethanil	whole	0.01	not set	3073	–	0
quinoxifen	whole	0.01	not set	246	–	0
spiroxamine	whole	0.01	not set	3073	–	0
tebuconazole	whole	0.01	0.2	3073	0	0
thiabendazole	whole	0.01	not set	3073	–	0
tolclofos methyl	whole	0.01	not set	3073	–	0
triadimefon	whole	0.01	0.5	3073	0	0
triadimenol	whole	0.01	0.01	3073	0	1
trifloxystrobin	whole	0.01	not set	3073	–	0
triticonazole	whole	0.01	0.05	3073	0	0
vinclozolin	whole	0.01	not set	3073	–	0

Table 2 Herbicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
2,2-DPA (2,2-dichloropropionic acid)	whole	0.01	0.1	3073	0	0
2,4-D	whole	0.01	0.2	3073	0	0
amitrole	whole	0.01	0.01	914	0	0
atrazine	whole	0.01	not set	3073	–	0
bromacil	whole	0.01	not set	3073	–	0
bromoxynil	whole	0.01	0.2	3073	0	0
carfentrazone-ethyl	whole	0.01	0.05	3073	0	0
chlorpropham	whole	0.01	not set	3073	–	0
chlorsulfuron	whole	0.01	0.05	3073	0	0
chlorthal-dimethyl	whole	0.01	not set	3073	–	0
clethodim (parent only)	whole	0.01	0.1	3073	0	0
clodinafop-propargyl	whole	0.01	0.05	3073	0	0
clopyralid	whole	0.01	2	3073	0	0
cyanazine	whole	0.01	0.01	3073	0	0
dicamba	whole	0.01	0.05	3073	0	0
dichlobenil	whole	0.01	not set	3073	–	0
dichlorprop-P	whole	0.01	not set	3073	–	0
diclofop-methyl	whole	0.01	0.1	914	0	0
diflufenican	whole	0.01	0.02	3073	0	0
diquat	whole	0.01	2	914	0	0
diuron	whole	0.01	0.1	3073	0	0
ethofumesate	whole	0.01	not set	3073	–	0
fenoxaprop-ethyl	whole	0.01	0.01	914	0	0
flamprop-M-methyl	whole	0.01	0.05	914	0	0
fluazifop-p-butyl	whole	0.01	not set	914	–	0
flumetsulam	whole	0.01	0.05	3073	0	0
glufosinate	whole	0.01	not set	914	–	0
glyphosate	whole	0.01	5	914	0	0
haloxyfop	whole	0.01	not set	914	–	0
imazamox	whole	0.01	0.05	3073	0	0
imazapic	whole	0.01	0.05	3073	0	0
imazapyr	whole	0.01	0.05	3073	0	0
imazaquin	whole	0.01	not set	3073	–	0
imazethapyr	whole	0.01	not set	3073	–	0
iodosulfuron-methyl	whole	0.01	0.01	3073	0	0
ioxynil	whole	0.01	not set	3073	–	0
isoxaben	whole	0.01	0.01	3073	0	0
linuron	whole	0.01	0.05	3073	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
MCPA	whole	0.01	0.02	3073	0	0
methabenthiazuron	whole	0.01	not set	3073	–	0
metolachlor	whole	0.01	0.02	3073	0	0
metosulam	whole	0.01	0.02	3073	0	0
metribuzin	whole	0.01	0.05	3073	0	0
metsulfuron–methyl	whole	0.01	0.02	3073	0	0
napropamide	whole	0.01	not set	3073	–	0
norflurazon	whole	0.01	not set	3073	–	0
oryzalin	whole	0.01	0.01	3073	0	0
oxyfluorfen	whole	0.01	0.05	3073	0	0
paraquat	whole	0.01	0.05	914	0	0
pendimethalin	whole	0.01	0.05	3073	0	0
picloram	whole	0.01	0.2	3073	0	0
propachlor	whole	0.01	0.05	3073	0	0
propyzamide	whole	0.01	not set	1854	–	0
quizalofop–ethyl	whole	0.01	not set	914	–	0
quizalofop–P–tefuryl	whole	0.01	not set	914	–	0
saflufenacil	whole	0.01	0.03	1854	0	0
sethoxydim	whole	0.01	0.1	3073	0	0
simazine	whole	0.01	not set	3073	–	0
tralkoxydim	whole	0.01	0.02	3073	0	0
triasulfuron	whole	0.01	0.02	3073	0	0
triclopyr	whole	0.01	not set	3073	–	0
trifluralin	whole	0.01	0.05	3073	0	0

Table 3 Insecticides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
abamectin	whole	0.01	not set	3073	–	0
acephate	whole	0.01	not set	3073	–	0
acetamiprid	whole	0.01	not set	3073	–	0
aldicarb	whole	0.01	not set	3073	–	0
amitraz	whole	0.01	not set	3073	–	0
azamethiphos	whole	0.01	0.1	3073	0	0
azinphos–methyl	whole	0.01	not set	3073	–	0
bifenazate	whole	0.01	not set	3073	–	0
bifenthrin	whole	0.01	0.02	3073	0	0
bioresmethrin	whole	0.01	not set	3073	–	0
buprofezin	whole	0.01	not set	3073	–	0

Wheat residue testing annual datasets 2015–16

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
cadusafos	whole	0.01	not set	3073	–	0
carbaryl	whole	0.01	5	3073	0	0
carbofuran	whole	0.01	0.2	3073	0	0
chlorantraniliprole	whole	0.01	0.01	3073	0	0
chlorfenapyr	whole	0.01	not set	3073	–	0
chlorfenvinphos	whole	0.01	0.05	3073	0	0
chlorpyrifos	whole	0.01	0.1	3073	2	3
chlorpyrifos–methyl	whole	0.01	10	3073	0	0
clofentezine	whole	0.01	not set	3073	–	0
clothianidin	whole	0.01	not set	3073	–	0
cyfluthrin	whole	0.01	2	3073	0	0
cyhalothrin	whole	0.01	0.05	3073	0	0
cypermethrin	whole	0.01	0.2	3073	0	0
deltamethrin	whole	0.01	2	3073	0	0
diafenthiuron	whole	0.01	not set	3073	–	0
diazinon	whole	0.01	0.1	3073	0	0
dichlorvos	whole	0.01	0.01	3073	0	0
dicofol	whole	0.01	not set	3073	–	0
diflubenzuron	whole	0.01	2	3073	0	0
dimethoate	whole	0.01	0.05	3073	0	0
disulfoton	whole	0.01	not set	3073	–	0
emamectin	whole	0.01	not set	3073	–	0
endosulfan	whole	0.01	not set	3073	–	0
esfenvalerate	whole	0.01	2	3073	0	0
ethion	whole	0.01	not set	3073	–	0
ethoprophos	whole	0.005	0.005	3073	0	0
etoxazole	whole	0.01	not set	3073	–	0
fenamiphos	whole	0.01	not set	3073	–	0
fenbutatin oxide	whole	0.01	not set	3073	–	0
fenitrothion	whole	0.01	10	3073	0	0
fenoxycarb	whole	0.01	not set	3073	–	1
fenpyroximate	whole	0.01	not set	3073	–	0
fenthion	whole	0.01	not set	3073	–	0
fenvalerate	whole	0.01	2	3073	0	0
fipronil	whole	0.005	not set	3073	–	0
hexythiazox	whole	0.01	not set	3073	–	0
imidacloprid	whole	0.01	0.05	3073	0	1
indoxacarb	whole	0.01	not set	3073	–	0
malathion (maldison)	whole	0.01	8	3073	0	0

Wheat residue testing annual datasets 2015–16

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
methacrifos	whole	0.01	not set	3073	–	0
methamidophos	whole	0.01	not set	3073	–	0
methidathion	whole	0.01	0.01	3073	0	0
methiocarb	whole	0.01	not set	3073	–	0
methomyl	whole	0.01	0.1	3073	0	0
methoprene	whole	0.01	2	3073	0	0
methoxychlor	whole	0.01	not set	3073	–	0
methoxyfenozide	whole	0.01	not set	3073	–	0
mevinphos	whole	0.01	not set	3073	–	0
monocrotophos	whole	0.01	not set	3073	–	0
omethoate	whole	0.01	0.05	3073	0	0
parathion	whole	0.01	not set	3073	–	0
parathion–methyl	whole	0.01	not set	3073	–	0
permethrin	whole	0.01	2	3073	0	0
phenothrin	whole	0.01	2	3073	0	0
phorate	whole	0.01	not set	3073	–	0
phosmet	whole	0.01	0.05	3073	0	0
piperonyl butoxide	whole	0.01	20	3073	0	0
pirimicarb	whole	0.01	0.02	3073	0	0
pirimiphos–methyl	whole	0.01	10	3073	0	0
profenofos	whole	0.01	not set	3073	–	0
propargite	whole	0.01	not set	3073	–	0
prothiofos	whole	0.01	not set	3073	–	0
pymetrozine	whole	0.01	not set	3073	–	0
pyrethrins	whole	0.01	3	3073	0	0
pyriproxyfen	whole	0.01	not set	3073	–	0
spinetoram	whole	0.01	not set	3073	–	0
spinosad	whole	0.01	1	3073	3	0
spirotetramat	whole	0.01	not set	3073	–	0
sulfoxaflor	whole	0.01	0.01	3073	0	0
tau–fluvalinate	whole	0.01	not set	3073	–	0
tebufenozide	whole	0.01	not set	3073	–	0
tebufenpyrad	whole	0.01	not set	3073	–	0
terbufos	whole	0.01	0.01	3073	0	0
tetradifon	whole	0.01	not set	3073	–	0
thiacloprid	whole	0.01	not set	3073	–	0
thiamethoxam	whole	0.01	0.01	3073	0	0
thiodicarb	whole	0.01	not set	3073	–	0
triazofos	whole	0.01	not set	3073	–	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
trichlorfon	whole	0.01	0.1	3073	0	0
triflumuron	whole	0.01	0.05	3073	0	0

Table 4 Contaminants

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
aldrin and dieldrin (HHDN+HEOD)	whole	0.01	0.02	3073	0	0
chlordane	whole	0.01	0.02	3073	0	0
DDT	whole	0.01	0.1	3073	0	0
endrin	whole	0.01	not set	3073	–	0
HCB (hexachlorobenzene)	whole	0.01	0.05	3073	0	0
HCH (or BHC)	whole	0.01	0.1	3073	0	0
heptachlor	whole	0.01	0.02	3073	0	0
lindane (gamma-HCH)	whole	0.01	0.5	3073	0	0
mirex	whole	0.01	not set	3073	–	0

Table 5 Fumigants

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
phosphine total	whole	0.005	0.1	362	0	0