



Wheat (Durum) residue testing annual datasets 2017–18

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	0.02	66	0	0
benalaxyl	whole	0.01	not set	66	–	0
bitertanol	whole	0.01	not set	66	–	0
boscalid	whole	0.01	0.5	66	0	0
bupirimate	whole	0.01	not set	66	–	0
captafol	whole	0.02	not set	66	–	0
captan	whole	0.01	not set	66	–	0
carbendazim	whole	0.01	not set	66	–	0
chlorothalonil	whole	0.01	not set	66	–	0
cyproconazole	whole	0.01	0.02	66	0	0
cyprodinil	whole	0.01	not set	66	–	0
difenoconazole	whole	0.01	0.01	66	0	0

Wheat Durum residue testing annual datasets 2017–18

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dimethomorph (sum of E and Z isomers)	whole	0.01	not set	66	–	0
dithianon	whole	0.01	not set	66	–	0
dodine	whole	0.01	not set	66	–	0
epoxiconazole	whole	0.01	0.05	66	0	0
etridiazole	whole	0.01	not set	66	–	0
fenarimol	whole	0.01	not set	66	–	0
fenhexamid	whole	0.01	not set	66	–	0
fluazinam	whole	0.01	not set	66	–	0
fludioxonil	whole	0.01	not set	66	–	0
fluquinconazole	whole	0.01	0.02	66	0	0
flusilazole	whole	0.01	not set	66	–	0
flutriafol	whole	0.01	0.1	66	0	0
fluxapyroxad	whole	0.01	0.1	66	0	0
hexaconazole	whole	0.01	not set	66	–	0
imazalil	whole	0.01	not set	66	–	0
ipconazole	whole	0.01	0.01	66	0	0
iprodione	whole	0.01	not set	66	–	0
kresoxim-methyl	whole	0.01	not set	66	–	0
metalaxyl	whole	0.01	0.01	66	0	0
myclobutanil	whole	0.01	not set	66	–	0
oxadixyl	whole	0.01	not set	66	–	0
penconazole	whole	0.01	not set	66	–	0
prochloraz	whole	0.01	not set	66	–	0
procymidone	whole	0.01	not set	66	–	0
propiconazole	whole	0.01	0.05	66	0	0
prothioconazole	whole	0.01	0.3	66	0	0
pyraclostrobin	whole	0.01	0.01	66	0	0
pyrimethanil	whole	0.01	not set	66	–	0
quinoxifen	whole	0.01	not set	66	–	0
spiroxamine-P	whole	0.01	not set	66	–	0
tebuconazole	whole	0.01	0.2	66	0	0
thiabendazole-P	whole	0.01	not set	66	–	0
tolclofos methyl	whole	0.01	not set	66	–	0
triadimefon	whole	0.01	0.5	66	0	0
triadimenol	whole	0.01	0.01	66	0	0
trifloxystrobin	whole	0.01	not set	66	–	0
triticonazole	whole	0.01	0.05	66	0	0
vinclozolin	whole	0.01	not set	66	–	0

Table 2 Herbicides

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
2,2-DPA (2,2-dichloropropionic acid)	whole	0.01	0.1	66	0	0
2,4-D	whole	0.01	0.2	66	0	0
amitrole	whole	0.01	0.01	4	0	0
atrazine	whole	0.01	not set	66	–	0
bromacil	whole	0.01	not set	66	–	0
bromoxynil	whole	0.01	0.2	66	0	0
carfentrazone-ethyl	whole	0.01	0.05	66	0	0
chlorpropham	whole	0.01	not set	66	–	0
chlorsulfuron	whole	0.01	0.05	66	0	0
chlorthal-dimethyl	whole	0.01	not set	66	–	0
clethodim (parent only)	whole	0.01	0.1	66	0	0
clodinafop-propargyl	whole	0.01	0.05	66	0	0
clopyralid	whole	0.01	2	66	0	0
cyanazine	whole	0.01	0.01	66	0	0
dicamba	whole	0.01	0.05	66	0	0
dichlobenil	whole	0.01	not set	66	–	0
dichlorprop-P	whole	0.01	not set	66	–	0
diclofop-methyl	whole	0.01	0.1	4	0	0
diflufenican	whole	0.01	0.02	66	0	0
diquat	whole	0.01	2	4	0	0
diuron	whole	0.01	0.1	66	0	0
ethofumesate	whole	0.01	not set	66	–	0
fenoxaprop-ethyl	whole	0.01	0.01	4	0	0
flamprop-M-methyl	whole	0.01	0.05	4	0	0
fluazifop-p-butyl	whole	0.01	not set	4	–	0
flumetsulam	whole	0.01	0.05	66	0	0
glufosinate	whole	0.01	not set	4	–	0
glyphosate	whole	0.01	5	4	0	0
haloxyfop	whole	0.01	not set	4	–	0
imazamox	whole	0.01	not set	66	–	0
imazapic	whole	0.01	0.05	66	0	0
imazapyr	whole	0.01	0.05	66	0	0
imazaquin	whole	0.01	not set	66	–	0
imazethapyr	whole	0.01	not set	66	–	0
iodosulfuron-methyl	whole	0.01	0.01	66	0	0
ioxynil	whole	0.01	not set	66	–	0
isoxaben	whole	0.01	0.01	66	0	0
linuron	whole	0.01	0.05	66	0	0

Wheat Durum residue testing annual datasets 2017–18

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
MCPA	whole	0.01	0.02	66	0	0
methabenzthiazuron	whole	0.01	not set	66	–	0
metolachlor	whole	0.01	0.02	66	0	0
metosulam	whole	0.01	0.02	66	0	0
metribuzin	whole	0.01	0.05	66	0	0
metsulfuron-methyl	whole	0.01	0.02	66	0	0
napropamide	whole	0.01	not set	66	–	0
norflurazon	whole	0.01	not set	66	–	0
oryzalin	whole	0.01	0.01	66	0	0
oxyfluorfen	whole	0.01	0.05	66	0	0
paraquat	whole	0.01	0.05	4	0	0
pendimethalin	whole	0.01	0.05	66	0	0
picloram	whole	0.01	0.2	66	0	0
propachlor	whole	0.01	0.05	66	0	0
propyzamide	whole	0.01	not set	66	–	0
quizalofop-ethyl	whole	0.01	not set	4	–	0
quizalofop-P-tefuryl	whole	0.01	not set	4	–	0
saflufenacil	whole	0.01	0.2	66	0	0
sethoxydim	whole	0.01	0.1	66	0	0
simazine	whole	0.01	not set	66	–	0
tralkoxydim	whole	0.01	0.02	66	0	0
triasulfuron	whole	0.01	0.02	66	0	0
triclopyr	whole	0.01	not set	66	–	0
trifluralin	whole	0.01	0.05	66	0	0

Table 3 Insecticides

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
abamectin	whole	0.01	not set	66	–	0
emamectin	whole	0.01	not set	66	–	0
acephate	whole	0.01	not set	66	–	0
acetamiprid-P	whole	0.01	not set	66	–	0
aldicarb	whole	0.01	not set	66	–	0
amitraz	whole	0.01	not set	66	–	0
azamethiphos	whole	0.01	0.1	66	0	0
azinphos-methyl	whole	0.01	not set	66	–	0
bifenazate	whole	0.01	not set	66	–	0
bifenthrin	whole	0.01	0.02	66	0	0
bioresmethrin	whole	0.01	not set	66	–	0

Wheat Durum residue testing annual datasets 2017–18

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
buprofezin	whole	0.01	not set	66	–	0
cadusafos	whole	0.01	not set	66	–	0
carbaryl	whole	0.01	5	66	0	0
carbofuran	whole	0.01	0.2	66	0	0
chlorantraniliprole	whole	0.01	0.01	66	0	0
chlorfenapyr	whole	0.01	not set	66	–	0
chlorfenvinphos (sum of isomers)	whole	0.01	0.05	66	0	0
chlorpyrifos	whole	0.01	0.1	66	0	0
chlorpyrifos-methyl	whole	0.01	10	66	0	0
clofentezine	whole	0.01	not set	66	–	0
clothianidin	whole	0.01	not set	66	–	0
cyfluthrin (sum of isomers)	whole	0.01	2	66	0	0
cyhalothrin (sum of isomers)	whole	0.01	0.05	66	0	0
cypermethrin (sum of isomers)	whole	0.01	0.2	66	0	0
deltamethrin	whole	0.01	2	66	0	0
diafenthiuron	whole	0.01	not set	66	–	0
diazinon	whole	0.01	0.1	66	0	0
dichlorvos	whole	0.01	0.01	66	0	0
dicofol	whole	0.01	not set	66	–	0
diflubenzuron	whole	0.01	not set	66	–	0
dimethoate	whole	0.01	0.05	66	0	0
disulfoton	whole	0.01	not set	66	–	0
esfenvalerate	whole	0.01	2	66	0	0
ethion	whole	0.01	not set	66	–	0
ethoprophos	whole	0.005	0.005	66	0	0
etoxazole	whole	0.01	not set	66	–	0
fenamiphos	whole	0.01	not set	66	–	0
fenbutatin oxide	whole	0.01	not set	66	–	0
fenitrothion	whole	0.01	10	66	0	0
fenoxycarb	whole	0.01	not set	66	–	0
fenpyroximate	whole	0.01	not set	66	–	0
fenthion	whole	0.01	not set	66	–	0
fenvalerate (sum of isomers)	whole	0.01	2	66	0	0
flupyrifluorid	whole	0.002	not set	66	–	0
hexythiazox	whole	0.01	not set	66	–	0
imidacloprid	whole	0.01	0.05	66	0	0

Wheat Durum residue testing annual datasets 2017–18

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
indoxacarb	whole	0.01	not set	66	–	0
malathion (maldison)	whole	0.01	8	66	0	0
methacrifos	whole	0.01	not set	66	–	0
methamidophos	whole	0.01	not set	66	–	0
methidathion	whole	0.01	0.01	66	0	0
methiocarb	whole	0.01	not set	66	–	0
methomyl	whole	0.01	0.1	66	0	0
methoprene	whole	0.01	2	66	0	0
methoxychlor	whole	0.01	not set	66	–	0
methoxyfenozide	whole	0.01	not set	66	–	0
mevinphos	whole	0.01	not set	66	–	0
monocrotophos	whole	0.01	not set	66	–	0
omethoate	whole	0.01	0.05	66	0	0
parathion	whole	0.01	not set	66	–	0
parathion-methyl	whole	0.01	not set	66	–	0
permethrin (sum of isomers)	whole	0.01	2	66	0	0
phenothrin (sum of isomers)	whole	0.01	2	66	0	0
phorate	whole	0.01	not set	66	–	0
phosmet	whole	0.01	0.05	66	0	0
piperonyl butoxide	whole	0.01	20	66	0	0
pirimicarb	whole	0.01	0.02	66	0	0
pirimiphos-methyl	whole	0.01	10	66	0	0
profenofos	whole	0.01	not set	66	–	0
propargite	whole	0.01	not set	66	–	0
prothiofos	whole	0.01	not set	66	–	0
pymetrozine	whole	0.01	not set	66	–	0
pyrethrins	whole	0.01	3	66	0	0
pyriproxyfen	whole	0.01	not set	66	–	0
spinetoram	whole	0.01	not set	66	–	0
spinosad	whole	0.01	1	66	0	0
spirotetramat	whole	0.01	not set	66	–	0
sulfoxaflor	whole	0.01	0.01	66	0	0
tau-fluvalinate	whole	0.01	not set	66	–	0
tebufenozide	whole	0.01	not set	66	–	0
tebufenpyrad	whole	0.01	not set	66	–	0
terbufos	whole	0.01	0.01	66	0	0
tetradifon	whole	0.01	not set	66	–	0
thiacloprid	whole	0.01	not set	66	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
thiamethoxam	whole	0.01	0.01	66	0	0
thiodicarb	whole	0.01	not set	66	–	0
triazofos	whole	0.01	not set	66	–	0
trichlorfon	whole	0.01	0.1	66	0	0
triflumuron	whole	0.01	0.05	66	0	0

Table 4 Contaminants

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
aldrin and dieldrin (HHDN+HEOD)	whole	0.01	0.02	66	0	0
chlordane	whole	0.01	0.02	66	0	0
DDT	whole	0.01	0.1	66	0	0
endosulfan	whole	0.01	not set	66	–	0
endrin	whole	0.01	not set	66	–	0
HCB (hexachlorobenzene)	whole	0.01	0.05	66	0	0
HCH (BHC)	whole	0.01	0.1	66	0	0
heptachlor	whole	0.01	0.02	66	0	0
lindane (gamma-HCH)	whole	0.01	0.5	66	0	0
mirex	whole	0.01	not set	66	–	0