Australian Government
Department of Agriculture and Water Resources

Wheat (durum) residue testing annual datasets 2014–15

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

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	21	0	0
benalaxyl	whole	0.01	not set	21	0	0
bitertanol	whole	0.01	not set	21	0	0
boscalid	whole	0.01	0.5	21	0	0
bupirimate	whole	0.01	not set	21	0	0
captafol	whole	0.02	not set	21	0	0
captan	whole	0.02	not set	21	0	0
carbendazim	whole	0.01	not set	21	0	0
chlorothalonil	whole	0.01	not set	21	0	0
cyproconazole	whole	0.01	0.02	21	0	0
cyprodinil	whole	0.01	not set	21	0	0
difenoconazole	whole	0.01	0.01	21	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dimethomorph	whole	0.01	not set	21	0	0
dithianon	whole	0.01	not set	21	0	0
dodine	whole	0.01	not set	21	0	0
epoxiconazole	whole	0.01	0.05	21	0	0
etridiazole	whole	0.01	not set	21	0	0
fenarimol	whole	0.01	not set	21	0	0
fenhexamid	whole	0.01	not set	21	0	0
fluazinam	whole	0.01	not set	21	0	0
fludioxonil	whole	0.01	not set	21	0	0
fluquinconazole	whole	0.01	0.02	21	0	0
flusilazole	whole	0.01	not set	21	0	0
flutriafol	whole	0.01	0.02	21	0	0
fluxapyroxad	whole	0.01	0.01	21	0	0
hexaconazole	whole	0.01	not set	21	0	0
imazalil	whole	0.01	not set	21	0	0
ipconazole	whole	0.01	0.01	21	0	0
iprodione	whole	0.01	not set	21	0	0
kresoxim-methyl	whole	0.01	not set	21	0	0
metalaxyl	whole	0.01	0.01	21	0	0
myclobutanil	whole	0.01	not set	21	0	0
oxadixyl	whole	0.01	not set	21	0	0
penconazole	whole	0.01	not set	21	0	0
prochloraz	whole	0.01	not set	21	0	0
procymidone	whole	0.01	not set	21	0	0
propiconazole	whole	0.01	0.05	21	0	0
prothioconazole	whole	0.01	0.3	21	0	0
pyraclostrobin	whole	0.01	0.01	21	0	0
pyrimethanil	whole	0.01	not set	21	0	0
spiroxamine	whole	0.01	not set	21	0	0
tebuconazole	whole	0.01	0.2	21	0	0
thiabendazole	whole	0.01	not set	21	0	0
tolclofos methyl	whole	0.01	not set	21	0	0
triadimefon	whole	0.01	0.5	21	0	0
triadimenol	whole	0.01	0.01	21	0	0
trifloxystrobin	whole	0.01	not set	21	0	0
triticonazole	whole	0.01	0.05	21	0	0
vinclozolin	whole	0.01	not set	21	0	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	21	0	0
2,4-D	whole	0.01	0.2	21	0	0
amitrole	whole	0.01	0.01	6	0	0
atrazine	whole	0.01	not set	21	0	0
bromacil	whole	0.01	not set	21	0	0
bromoxynil	whole	0.01	0.2	21	0	0
carfentrazone-ethyl	whole	0.01	0.05	21	0	0
chlorpropham	whole	0.01	not set	21	0	0
chlorsulfuron	whole	0.01	0.05	21	0	0
chlorthal-dimethyl	whole	0.01	not set	21	0	0
clethodim	whole	0.01	0.1	21	0	0
clodinafop-propargyl	whole	0.01	0.05	21	0	0
clopyralid	whole	0.01	2	21	0	0
cyanazine	whole	0.01	0.01	21	0	0
dicamba	whole	0.01	0.05	21	0	0
dichlobenil	whole	0.01	not set	21	0	0
dichlorprop-P	whole	0.01	not set	21	0	0
diclofop-methyl	whole	0.01	0.1	6	0	0
diflufenican	whole	0.01	0.02	21	0	0
diquat	whole	0.01	2	6	0	0
diuron	whole	0.01	0.1	21	0	0
ethofumesate	whole	0.01	not set	21	0	0
fenoxaprop-ethyl	whole	0.01	0.01	6	0	0
flamprop-M-methyl	whole	0.01	0.05	6	0	0
fluazifop-p-butyl	whole	0.01	not set	6	0	0
glufosinate	whole	0.01	not set	6	0	0
glyphosate	whole	0.01	5	6	0	0
haloxyfop	whole	0.01	not set	6	0	0
imazamox	whole	0.01	not set	21	0	0
imazapic	whole	0.01	0.05	21	0	0
imazapyr	whole	0.01	0.05	21	0	0
imazaquin	whole	0.01	not set	21	0	0
imazethapyr	whole	0.01	not set	21	0	0
iodosulfuron-methyl	whole	0.01	0.01	21	0	0
ioxynil	whole	0.01	not set	21	0	0
isoxaben	whole	0.01	0.01	21	0	0
linuron	whole	0.01	0.05	21	0	0
MCPA	whole	0.01	0.02	21	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
methabenthiazuron	whole	0.01	not set	21	0	0
metolachlor	whole	0.01	0.02	21	0	0
metosulam	whole	0.01	0.02	21	0	0
metribuzin	whole	0.01	0.05	21	0	0
metsulfuron-methyl	whole	0.01	0.02	21	0	0
napropamide	whole	0.01	not set	21	0	0
norflurazon	whole	0.01	not set	21	0	0
oryzalin	whole	0.01	0.01	21	0	0
oxyfluorfen	whole	0.01	0.05	21	0	0
paraquat	whole	0.01	0.05	6	0	0
pendimethalin	whole	0.01	0.05	21	0	0
picloram	whole	0.01	0.2	21	0	0
propachlor	whole	0.01	0.05	21	0	0
quizalofop-ethyl	whole	0.01	not set	6	0	0
quizalofop-P-tefuryl	whole	0.01	not set	6	0	0
sethoxydim	whole	0.01	0.1	21	0	0
simazine	whole	0.01	not set	21	0	0
tralkoxydim	whole	0.01	0.02	21	0	0
triasulfuron	whole	0.01	0.02	21	0	0
triclopyr	whole	0.01	not set	21	0	0
trifluralin	whole	0.01	0.05	21	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	21	0	0
acephate	whole	0.01	not set	21	0	0
acetamiprid	whole	0.01	not set	21	0	0
aldicarb	whole	0.01	not set	21	0	0
amitraz	whole	0.01	not set	21	0	0
azamethiphos	whole	0.01	0.1	21	0	0
azinphos-methyl	whole	0.01	not set	21	0	0
bifenazate	whole	0.01	not set	21	0	0
bifenthrin	whole	0.01	0.02	21	0	0
bioresmethrin	whole	0.01	not set	21	0	0
buprofezin	whole	0.01	not set	21	0	0
cadusafos	whole	0.01	not set	21	0	0
carbaryl	whole	0.01	5	21	0	0
carbofuran	whole	0.01	0.2	21	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
chlorantraniliprole	whole	0.01	0.01	21	0	0
chlorfenapyr	whole	0.01	not set	21	0	0
chlorfenvinphos	whole	0.01	0.05	21	0	0
chlorpyrifos	whole	0.01	not set	21	0	0
chlorpyrifos-methyl	whole	0.01	10	21	0	0
clofentezine	whole	0.01	not set	21	0	0
clothianidin	whole	0.01	not set	21	0	0
cyfluthrin	whole	0.01	2	21	0	0
cyhalothrin	whole	0.01	0.05	21	0	0
cypermethrin	whole	0.01	0.2	21	0	0
deltamethrin	whole	0.01	2	21	0	0
diafenthiuron	whole	0.01	not set	21	0	0
diazinon	whole	0.01	0.1	21	0	0
dichlorvos	whole	0.01	5	21	0	0
dicofol	whole	0.01	not set	21	0	0
diflubenzuron	whole	0.01	2	21	0	0
dimethoate	whole	0.01	0.05	21	0	0
disulfoton	whole	0.01	not set	21	0	0
emamectin	whole	0.01	not set	21	0	0
endosulfan	whole	0.01	not set	21	0	0
esfenvalerate	whole	0.01	2	21	0	0
ethion	whole	0.01	not set	21	0	0
ethoprophos	whole	0.005	0.005	21	0	0
etoxazole	whole	0.01	not set	21	0	0
fenamiphos	whole	0.01	not set	21	0	0
fenbutatin oxide	whole	0.01	not set	21	0	0
fenitrothion	whole	0.01	10	21	0	0
fenoxycarb	whole	0.01	not set	21	0	0
fenpyroximate	whole	0.01	not set	21	0	0
fenthion	whole	0.01	not set	21	0	0
fenvalerate	whole	0.01	2	21	0	0
fipronil	whole	0.005	not set	21	0	0
hexythiazox	whole	0.01	not set	21	0	0
imidacloprid	whole	0.01	0.05	21	0	0
indoxacarb	whole	0.01	not set	21	0	0
malathion (maldison)	whole	0.01	8	21	0	0
methacrifos	whole	0.01	not set	21	0	0
methamidophos	whole	0.01	not set	21	0	0
methidathion	whole	0.01	0.01	21	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
methiocarb	whole	0.01	not set	21	0	0
methomyl	whole	0.01	0.1	21	0	0
methoprene	whole	0.01	2	21	0	0
methoxychlor	whole	0.01	not set	21	0	0
methoxyfenozide	whole	0.01	not set	21	0	0
mevinphos	whole	0.01	not set	21	0	0
monocrotophos	whole	0.01	not set	21	0	0
omethoate	whole	0.01	0.05	21	0	0
parathion	whole	0.01	not set	21	0	0
parathion-methyl	whole	0.01	not set	21	0	0
permethrin	whole	0.01	2	21	0	0
phenothrin	whole	0.01	2	21	0	0
phorate	whole	0.01	not set	21	0	0
phosmet	whole	0.01	0.05	21	0	0
piperonyl butoxide	whole	0.01	20	21	0	0
pirimicarb	whole	0.01	0.02	21	0	0
pirimiphos-methyl	whole	0.01	10	21	0	0
profenofos	whole	0.01	not set	21	0	0
propargite	whole	0.01	not set	21	0	0
prothiofos	whole	0.01	not set	21	0	0
pymetrozine	whole	0.01	not set	21	0	0
pyrethrins	whole	0.01	3	21	0	0
pyriproxyfen	whole	0.01	not set	21	0	0
spinetoram	whole	0.01	not set	21	0	0
spinosad	whole	0.01	1	21	0	0
spirotetramat	whole	0.01	not set	21	0	0
sulfoxaflor	whole	0.01	0.01	18	0	0
tau-fluvalinate	whole	0.01	not set	21	0	0
tebufenozide	whole	0.01	not set	21	0	0
tebufenpyrad	whole	0.01	not set	21	0	0
terbufos	whole	0.01	0.01	21	0	0
tetradifon	whole	0.01	not set	21	0	0
thiacloprid	whole	0.01	not set	21	0	0
thiamethoxam	whole	0.01	0.01	21	0	0
thiodicarb	whole	0.01	not set	21	0	0
triazofos	whole	0.01	not set	21	0	0
trichlorfon	whole	0.01	0.1	21	0	0
triflumuron	whole	0.01	0.05	21	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	21	0	0
arsenic	whole	0.05	1	2	0	0
cadmium	whole	0.01	0.1	2	0	0
chlordane	whole	0.01	0.02	21	0	0
copper	whole	0.05	no limit	2	0	0
DDT	whole	0.01	0.1	21	0	0
endrin	whole	0.01	not set	21	0	0
HCB (hexachlorobenzene)	whole	0.01	0.05	21	0	0
HCH (or BHC)	whole	0.01	0.1	21	0	0
heptachlor	whole	0.01	0.02	21	0	0
lead	whole	0.01	0.2	2	0	0
lindane (gamma-HCH)	whole	0.01	0.5	21	0	0
mercury	whole	0.01	no limit	2	0	0
mirex	whole	0.01	not set	21	0	0

Table 5 Fumigants

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
phosphine	whole	0.005	0.1	3	0	0