



Semolina residue testing annual datasets 2018–19

National Residue Survey, Department of Agriculture

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.

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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	10	0	0
benalaxyl	whole	0.01	not set	10	–	0
bitertanol	whole	0.01	not set	10	–	0
bixafen-P	whole	0.01	0.01	7	0	0
boscalid	whole	0.01	0.5	10	0	0
bupirimate	whole	0.01	not set	10	–	0
captafol	whole	0.02	not set	10	–	0
captan	whole	0.01	not set	10	–	0
carbendazim	whole	0.01	not set	10	–	0
carboxin	whole	0.01	0.1	7	0	0
chlorothalonil	whole	0.01	not set	10	–	0
cyproconazole	whole	0.01	0.02	10	0	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
cyprodinil	whole	0.01	not set	10	–	0
difenoconazole	whole	0.01	0.01	10	0	0
dimethomorph (sum of E and Z isomers)	whole	0.01	not set	10	–	0
dithianon	whole	0.01	not set	10	–	0
dodine	whole	0.01	not set	10	–	0
epoxiconazole	whole	0.01	0.05	10	0	0
etridiazole	whole	0.01	not set	10	–	0
fenarimol	whole	0.01	not set	10	–	0
fenbuconazole	whole	0.01	not set	7	–	0
fenhexamid	whole	0.01	not set	10	–	0
fluazinam	whole	0.01	not set	10	–	0
fludioxonil	whole	0.01	not set	10	–	0
fluquinconazole	whole	0.01	0.02	10	0	0
flusilazole	whole	0.01	not set	10	–	0
flutriafol	whole	0.01	0.1	10	0	0
fluxapyroxad	whole	0.01	0.01	10	0	0
hexaconazole	whole	0.01	not set	10	–	0
imazalil	whole	0.01	not set	10	–	0
ipconazole	whole	0.01	0.01	10	0	0
iprodione	whole	0.01	not set	10	–	0
isoprothiolane	whole	0.01	not set	7	–	0
kresoxim-methyl	whole	0.01	not set	10	–	0
metalaxyl	whole	0.01	0.01	10	0	0
myclobutanil	whole	0.01	not set	10	–	0
oxadixyl	whole	0.01	not set	10	–	0
penconazole	whole	0.01	not set	10	–	0
penflufen	whole	0.01	0.01	7	0	0
prochloraz	whole	0.01	not set	10	–	0
procymidone	whole	0.01	not set	10	–	0
propiconazole	whole	0.01	0.05	10	0	0
prothioconazole	whole	0.01	0.3	10	0	0
pyraclostrobin	whole	0.01	0.01	10	0	0
pyrimethanil	whole	0.01	not set	10	–	0
quinoxifen	whole	0.01	not set	10	–	0
sedaxane	whole	0.01	0.01	7	0	0
spiroxamine-P	whole	0.01	not set	10	–	0
tebuconazole	whole	0.01	0.2	10	0	0
thiabendazole-P	whole	0.01	not set	10	–	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
tolclofos methyl	whole	0.01	not set	10	–	0
triadimefon	whole	0.01	0.5	10	0	0
triadimenol	whole	0.01	0.01	10	0	0
trifloxystrobin	whole	0.01	not set	10	–	0
triticonazole	whole	0.01	0.05	10	0	0
vinclozolin	whole	0.01	not set	10	–	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	10	0	0
2,4-D	whole	0.01	0.2	10	0	0
2,4-DB	whole	0.01	0.02	7	0	0
aminopyralid	whole	0.01	0.1	7	0	0
amitrole	whole	0.01	0.01	2	0	0
atrazine	whole	0.01	not set	10	–	0
bentazone	whole	0.01	not set	7	–	0
bromacil	whole	0.01	not set	10	–	0
bromoxynil	whole	0.01	0.2	10	0	0
butoxydim	whole	0.01	not set	7	–	0
carfentrazone-ethyl	whole	0.01	0.05	10	0	0
chlorpropham	whole	0.01	not set	10	–	0
chlorsulfuron	whole	0.01	0.05	10	0	0
chlorthal-dimethyl	whole	0.01	not set	10	–	0
clethodim (parent only)	whole	0.01	0.1	10	0	0
clodinafop-propargyl	whole	0.01	0.05	10	0	0
clopyralid	whole	0.01	2	10	0	0
cyanazine	whole	0.01	0.01	10	0	0
dicamba	whole	0.01	0.05	10	0	0
dichlobenil	whole	0.01	not set	10	–	0
dichlorprop-P	whole	0.01	not set	5	–	0
diclofop-methyl	whole	0.01	0.1	2	0	0
diflufenican	whole	0.01	0.02	10	0	0
diquat	whole	0.01	2	2	0	0
diuron	whole	0.01	0.1	10	0	0
ethofumesate	whole	0.01	not set	10	–	0
fenoxaprop-ethyl	whole	0.01	0.01	2	0	0
flamprop-M-methyl	whole	0.01	0.05	2	0	0

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Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
fluazifop-p-butyl	whole	0.01	not set	2	–	0
flumetsulam	whole	0.01	0.05	10	0	0
flumioxazin	whole	0.01	0.05	7	0	0
fluroxypyr	whole	0.01	0.2	7	0	0
glufosinate	whole	0.01	not set	2	–	0
glyphosate	whole	0.01	5	2	0	0
haloxyfop	whole	0.01	not set	2	–	0
imazamox	whole	0.01	not set	10	–	0
imazapic	whole	0.01	0.05	10	0	0
imazapyr	whole	0.01	0.05	10	0	0
imazaquin	whole	0.01	not set	10	–	0
imazethapyr	whole	0.01	not set	10	–	0
iodosulfuron-methyl	whole	0.01	0.01	10	0	0
ioxynil	whole	0.01	not set	10	–	0
isoxaben	whole	0.01	0.01	10	0	0
linuron	whole	0.01	0.05	10	0	0
MCPA	whole	0.01	0.02	10	0	0
methabenzthiazuron	whole	0.01	not set	10	–	0
metolachlor	whole	0.01	0.02	10	0	0
metosulam	whole	0.01	0.02	10	0	0
metribuzin	whole	0.01	0.05	10	0	0
metsulfuron-methyl	whole	0.01	0.02	10	0	0
napropamide	whole	0.01	not set	10	–	0
norflurazon	whole	0.01	not set	10	–	0
oryzalin	whole	0.01	0.01	10	0	0
oxyfluorfen	whole	0.01	0.05	10	0	0
paraquat	whole	0.01	0.05	2	0	0
pendimethalin	whole	0.01	0.05	10	0	0
picloram	whole	0.01	0.2	10	0	0
propachlor	whole	0.01	0.05	10	0	0
propyzamide	whole	0.01	not set	10	–	0
quizalofop-ethyl	whole	0.01	not set	2	–	0
quizalofop-P-tefuryl	whole	0.01	not set	2	–	0
saflufenacil	whole	0.01	0.2	10	0	0
sethoxydim	whole	0.01	0.1	10	0	0
simazine	whole	0.01	not set	10	–	0
terbutryn	whole	0.01	0.1	7	0	0
tralkoxydim	whole	0.01	0.02	10	0	0
trallate	whole	0.01	0.05	7	0	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
triasulfuron	whole	0.01	0.02	10	0	0
triclopyr	whole	0.01	not set	10	–	0
trifluralin	whole	0.01	0.05	10	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	10	–	0
acephate	whole	0.01	not set	10	–	0
acetamiprid-P	whole	0.01	not set	10	–	0
aldicarb	whole	0.01	not set	10	–	0
amitraz	whole	0.01	not set	10	–	0
azamethiphos	whole	0.01	0.1	10	0	0
azinphos-methyl	whole	0.01	not set	10	–	0
bifenazate	whole	0.01	not set	10	–	0
bifenthrin	whole	0.01	0.02	10	0	0
bioresmethrin	whole	0.01	not set	10	–	0
buprofezin	whole	0.01	not set	10	–	0
cadusafos	whole	0.01	not set	10	–	0
carbaryl	whole	0.01	5	10	0	0
carbofuran	whole	0.01	0.2	10	0	0
chlorantraniliprole	whole	0.01	0.01	10	0	0
chlorfenapyr	whole	0.01	not set	10	–	0
chlorfenvinphos (sum of isomers)	whole	0.01	0.05	10	0	0
chlorpyrifos	whole	0.01	0.1	10	0	0
chlorpyrifos-methyl	whole	0.01	10	10	0	0
clofentezine	whole	0.01	not set	10	–	0
clothianidin	whole	0.01	0.02	10	0	0
cyfluthrin (sum of isomers)	whole	0.01	2	10	0	0
cyhalothrin (sum of isomers)	whole	0.01	0.01	10	0	0
cypermethrin (sum of isomers)	whole	0.01	0.2	10	0	0
deltamethrin	whole	0.01	2	10	0	0
diafenthiuron	whole	0.01	not set	10	–	0
diazinon	whole	0.01	0.1	10	0	0
dichlorvos	whole	0.01	0.01	10	0	0
dicofol	whole	0.01	not set	10	–	0
diflubenzuron	whole	0.01	not set	10	–	0

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Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dimethoate	whole	0.01	0.05	10	0	0
disulfoton	whole	0.01	not set	10	–	0
emamectin	whole	0.01	not set	10	–	0
esfenvalerate	whole	0.01	2	10	0	0
ethion	whole	0.01	not set	10	–	0
ethoprophos	whole	0.005	0.005	10	0	0
etoxazole	whole	0.01	not set	10	–	0
fenamiphos	whole	0.01	not set	10	–	0
fenbutatin oxide	whole	0.01	not set	10	–	0
fenitrothion	whole	0.01	10	10	0	0
fenoxycarb	whole	0.01	not set	10	–	0
fenpyroximate	whole	0.01	not set	10	–	0
fenthion	whole	0.01	not set	10	–	0
fenvalerate (sum of isomers)	whole	0.01	2	10	0	0
fipronil	whole	0.002	not set	10	–	0
hexythiazox	whole	0.01	not set	10	–	0
imidacloprid	whole	0.01	0.05	10	0	0
indoxacarb	whole	0.01	not set	10	–	0
malathion (maldison)	whole	0.01	8	10	0	0
methacrifos	whole	0.01	not set	10	–	0
methamidophos	whole	0.01	not set	10	–	0
methidathion	whole	0.01	0.01	10	0	0
methiocarb	whole	0.01	not set	10	–	0
methomyl	whole	0.01	0.1	10	0	0
methoprene	whole	0.01	2	10	0	0
methoxychlor	whole	0.01	not set	10	–	0
methoxyfenozide	whole	0.01	not set	10	–	0
mevinphos	whole	0.01	not set	10	–	0
monocrotophos	whole	0.01	not set	10	–	0
omethoate	whole	0.01	0.05	10	0	0
parathion	whole	0.01	not set	10	–	0
parathion-methyl	whole	0.01	not set	10	–	0
permethrin (sum of isomers)	whole	0.01	2	10	0	0
phenothrin (sum of isomers)	whole	0.01	2	10	0	0
phorate	whole	0.01	not set	10	–	0
phosmet	whole	0.01	0.05	10	0	0
piperonyl butoxide	whole	0.01	20	10	0	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
pirimicarb	whole	0.01	0.02	10	0	0
pirimiphos-methyl	whole	0.01	10	10	0	0
profenofos	whole	0.01	not set	10	–	0
propargite	whole	0.01	not set	10	–	0
prothiofos	whole	0.01	not set	10	–	0
pymetrozine	whole	0.01	not set	10	–	0
pyrethrins	whole	0.01	3	10	0	0
pyriproxyfen	whole	0.01	not set	10	–	0
spinetoram	whole	0.01	not set	10	–	0
spinosad	whole	0.01	1	10	0	0
spirotetramat	whole	0.01	not set	10	–	0
sulfoxaflor	whole	0.01	0.01	10	0	0
tau-fluvalinate	whole	0.01	not set	10	–	0
tebufenozide	whole	0.01	not set	10	–	0
tebufenpyrad	whole	0.01	not set	10	–	0
terbufos	whole	0.01	0.01	10	0	0
tetradifon	whole	0.01	not set	10	–	0
thiacloprid	whole	0.01	not set	10	–	0
thiamethoxam	whole	0.01	0.01	10	0	0
thiodicarb	whole	0.01	not set	10	–	0
triazofos	whole	0.01	not set	10	–	0
trichlorfon	whole	0.01	0.1	10	0	0
triflumuron	whole	0.01	0.05	10	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	10	0	0
chlordane	whole	0.01	0.02	10	0	0
DDT	whole	0.01	0.1	10	0	0
endosulfan	whole	0.01	not set	10	–	0
endrin	whole	0.01	not set	10	–	0
HCB (hexachlorobenzene)	whole	0.01	0.05	10	0	0
HCH (BHC)	whole	0.01	0.1	10	0	0
heptachlor	whole	0.01	0.02	10	0	0
lindane (gamma-HCH)	whole	0.01	0.5	10	0	0
mirex	whole	0.01	not set	10	–	0