



Sorghum 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.

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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	not set	276	0	0
benalaxyl	whole	0.01	not set	275	0	0
benomyl	whole	0.01	not set	7	0	0
bitertanol	whole	0.01	not set	275	0	0
boscalid	whole	0.01	0.5	275	0	0
bupirimate	whole	0.01	not set	275	0	0
captafol	whole	0.02	not set	276	0	0
captan	whole	0.02	not set	276	0	0
carbendazim	whole	0.01	not set	276	0	0
chlorothalonil	whole	0.01	not set	276	0	0
cyproconazole	whole	0.01	not set	276	0	0
cyprodinil	whole	0.01	not set	275	0	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
difenoconazole	whole	0.01	0.01	276	0	1
dimethomorph	whole	0.01	not set	275	0	0
dithianon	whole	0.01	not set	275	0	0
dodine	whole	0.01	not set	275	0	0
epoxiconazole	whole	0.01	0.05	276	0	0
etridiazole	whole	0.01	not set	276	0	0
fenarimol	whole	0.01	not set	275	0	0
fenhexamid	whole	0.01	not set	275	0	0
fluazinam	whole	0.01	not set	275	0	0
fludioxonil	whole	0.01	0.01	275	0	0
fluquinconazole	whole	0.01	not set	276	0	0
flusilazole	whole	0.01	not set	275	0	0
flutriafol	whole	0.01	0.02	276	0	0
fluxapyroxad	whole	0.01	0.1	276	0	0
hexaconazole	whole	0.01	not set	276	0	0
imazalil	whole	0.01	not set	275	0	0
ipconazole	whole	0.01	0.01	276	0	0
iprodione	whole	0.01	not set	276	0	0
kresoxim-methyl	whole	0.01	not set	275	0	0
metalaxyl	whole	0.01	0.01	275	0	0
myclobutanil	whole	0.01	not set	275	0	0
oxadixyl	whole	0.01	not set	275	0	0
penconazole	whole	0.01	not set	276	0	0
prochloraz	whole	0.01	not set	275	0	0
procymidone	whole	0.01	not set	276	0	0
propiconazole	whole	0.01	0.05	276	0	0
prothioconazole	whole	0.01	0.3	276	0	0
pyraclostrobin	whole	0.01	0.01	276	0	0
pyrimethanil	whole	0.01	not set	275	0	0
spiroxamine	whole	0.01	not set	275	0	0
tebuconazole	whole	0.01	0.2	276	0	0
thiabendazole	whole	0.01	not set	276	0	0
tolclofos methyl	whole	0.01	not set	275	0	0
triadimefon	whole	0.01	0.5	276	0	0
triadimenol	whole	0.01	0.5	276	0	0
trifloxystrobin	whole	0.01	not set	275	0	0
triticonazole	whole	0.01	0.05	276	0	0
vinclozolin	whole	0.01	not set	275	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	275	0	0
2,4-D	whole	0.01	0.2	276	0	0
amitrole	whole	0.01	0.01	52	0	0
atrazine	whole	0.01	0.1	276	0	0
bromacil	whole	0.01	not set	275	0	0
bromoxynil	whole	0.01	0.2	276	0	0
carfentrazone-ethyl	whole	0.01	0.05	276	0	0
chlorpropham	whole	0.01	not set	275	0	0
chlorsulfuron	whole	0.01	0.05	276	0	0
chlorthal-dimethyl	whole	0.01	not set	275	0	0
clethodim	whole	0.01	not set	276	0	0
clodinafop-propargyl	whole	0.01	not set	276	0	0
clopyralid	whole	0.01	2	276	0	0
cyanazine	whole	0.01	0.01	275	0	0
dicamba	whole	0.01	0.05	276	0	0
dichlobenil	whole	0.01	not set	275	0	0
dichlorprop-P	whole	0.01	not set	275	0	0
diclofop-methyl	whole	0.01	0.1	52	0	0
diflufenican	whole	0.01	not set	276	0	0
diquat	whole	0.01	2	52	0	0
diuron	whole	0.01	0.1	276	1	0
ethofumesate	whole	0.01	not set	275	0	0
fenoxaprop-ethyl	whole	0.01	not set	52	0	0
flamprop-M-methyl	whole	0.01	not set	52	0	0
fluazifop-p-butyl	whole	0.01	not set	52	0	0
flumetsulam	whole	0.01	0.05	98	0	0
glufosinate	whole	0.01	not set	52	0	0
glyphosate	whole	0.01	15	52	0	0
haloxyfop	whole	0.01	not set	52	0	0
imazamox	whole	0.01	not set	276	0	0
imazapic	whole	0.01	not set	276	0	0
imazapyr	whole	0.01	not set	276	0	0
imazaquin	whole	0.01	not set	276	0	0
imazethapyr	whole	0.01	not set	276	0	0
iodosulfuron-methyl	whole	0.01	not set	276	0	0
ioxynil	whole	0.01	not set	275	0	0
isoxaben	whole	0.01	not set	275	0	0
linuron	whole	0.01	0.05	275	0	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
MCPA	whole	0.01	0.02	276	0	0
methabenthiazuron	whole	0.01	not set	275	0	0
metolachlor	whole	0.01	0.05	276	0	0
metosulam	whole	0.01	0.02	276	0	0
metribuzin	whole	0.01	0.05	275	0	0
metsulfuron-methyl	whole	0.01	0.02	276	0	0
napropamide	whole	0.01	not set	275	0	0
norflurazon	whole	0.01	not set	275	0	0
oryzalin	whole	0.01	0.01	275	0	0
oxyfluorfen	whole	0.01	0.05	275	0	0
paraquat	whole	0.01	0.05	52	0	0
pendimethalin	whole	0.01	not set	276	0	0
picloram	whole	0.01	0.2	276	0	0
propachlor	whole	0.01	0.2	275	0	0
quizalofop-ethyl	whole	0.01	not set	52	0	0
quizalofop-P-tefuryl	whole	0.01	not set	52	0	0
sethoxydim	whole	0.01	not set	276	0	0
simazine	whole	0.01	not set	276	0	0
tralkoxydim	whole	0.01	0.02	276	0	0
triasulfuron	whole	0.01	0.02	276	0	0
triclopyr	whole	0.01	0.1	276	0	0
trifluralin	whole	0.01	0.05	276	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	275	0	0
acephate	whole	0.01	not set	275	0	0
acetamiprid	whole	0.01	not set	276	0	0
aldicarb	whole	0.01	not set	275	0	0
amitraz	whole	0.01	not set	276	0	0
azamethiphos	whole	0.01	0.1	276	0	0
azinphos-methyl	whole	0.01	not set	275	0	0
bifenazate	whole	0.01	not set	275	0	0
bifenthrin	whole	0.01	0.02	276	0	2
bioresmethrin	whole	0.01	not set	276	0	0
buprofezin	whole	0.01	not set	275	0	0
cadusafos	whole	0.01	not set	275	0	0
carbaryl	whole	0.01	10	276	0	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
carbofuran	whole	0.01	not set	275	0	0
chlorantraniliprole	whole	0.01	0.01	275	0	0
chlorfenapyr	whole	0.01	not set	276	0	0
chlorfenvinphos	whole	0.01	not set	276	0	0
chlorpyrifos	whole	0.01	3	276	0	0
chlorpyrifos-methyl	whole	0.01	10	276	0	0
clofentezine	whole	0.01	not set	275	0	0
clothianidin	whole	0.01	0.01	275	0	0
cyfluthrin	whole	0.01	2	276	0	0
cyhalothrin	whole	0.01	0.5	276	0	0
cypermethrin	whole	0.01	1	276	0	0
deltamethrin	whole	0.01	2	276	0	0
diafenthuron	whole	0.01	not set	276	0	0
diazinon	whole	0.01	0.1	276	0	0
dichlorvos	whole	0.01	5	276	0	0
dicofol	whole	0.01	not set	276	0	0
diflubenzuron	whole	0.01	2	276	0	0
dimethoate	whole	0.01	0.05	276	0	0
disulfoton	whole	0.01	not set	275	0	0
emamectin	whole	0.01	not set	276	0	0
endosulfan	whole	0.01	not set	276	0	0
esfenvalerate	whole	0.01	2	276	0	0
ethion	whole	0.01	not set	276	0	0
ethoprophos	whole	0.005	0.005	276	0	0
etoxazole	whole	0.01	not set	275	0	0
fenamiphos	whole	0.01	not set	275	0	0
fenbutatin oxide	whole	0.01	not set	275	0	0
fenitrothion	whole	0.01	10	276	0	0
fenoxy carb	whole	0.01	not set	275	0	0
fenpyroximate	whole	0.01	not set	275	0	0
fenthion	whole	0.01	not set	275	0	0
fenvalerate	whole	0.01	2	276	0	0
fipronil	whole	0.005	0.01	276	0	0
hexythiazox	whole	0.01	not set	275	0	0
imidacloprid	whole	0.01	0.02	276	0	0
indoxacarb	whole	0.01	not set	276	0	1
malathion (maldison)	whole	0.01	8	276	0	0
methacrifos	whole	0.01	not set	276	0	0
methamidophos	whole	0.01	not set	275	0	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
methidathion	whole	0.01	0.01	276	0	0
methiocarb	whole	0.01	not set	275	0	0
methomyl	whole	0.01	0.1	276	0	0
methoprene	whole	0.01	2	276	0	0
methoxychlor	whole	0.01	not set	276	0	0
methoxyfenozide	whole	0.01	not set	275	0	0
mevinphos	whole	0.01	not set	275	0	0
monocrotophos	whole	0.01	not set	275	0	0
omethoate	whole	0.01	0.05	276	0	0
parathion	whole	0.01	not set	275	0	0
parathion-methyl	whole	0.01	not set	275	0	0
permethrin	whole	0.01	2	276	0	0
phenothrin	whole	0.01	not set	276	0	0
phorate	whole	0.01	not set	275	0	0
phosmet	whole	0.01	0.05	276	0	0
piperonyl butoxide	whole	0.01	20	276	0	0
pirimicarb	whole	0.01	0.02	276	0	0
pirimiphos-methyl	whole	0.01	10	276	0	0
profenofos	whole	0.01	not set	276	0	0
propargite	whole	0.01	not set	275	0	2
prothiofos	whole	0.01	not set	275	0	0
pymetrozine	whole	0.01	not set	275	0	0
pyrethrins	whole	0.01	3	275	0	0
pyriproxyfen	whole	0.01	not set	276	0	0
spinetoram	whole	0.01	not set	275	0	0
spinosad	whole	0.01	1	276	1	0
spirotetramat	whole	0.01	not set	275	0	0
sulfoxaflor	whole	0.01	0.01	171	0	0
tau-fluvalinate	whole	0.01	not set	275	0	0
tebufenozide	whole	0.01	not set	275	0	0
tebufenpyrad	whole	0.01	not set	275	0	0
terbufos	whole	0.01	0.01	276	0	0
tetradifon	whole	0.01	not set	275	0	0
thiacloprid	whole	0.01	not set	275	0	0
thiamethoxam	whole	0.01	0.02	275	0	0
thiodicarb	whole	0.01	0.5	276	0	0
triazofos	whole	0.01	not set	275	0	0
trichlorfon	whole	0.01	0.1	276	0	0
triflumuron	whole	0.01	0.05	276	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	276	0	0
arsenic	whole	0.05	1	9	0	0
cadmium	whole	0.01	No Limit	9	0	0
chlordane	whole	0.01	0.02	276	0	0
copper	whole	0.05	No Limit	9	0	0
DDT	whole	0.01	0.1	276	0	0
endrin	whole	0.01	not set	276	0	0
HCB (hexachlorobenzene)	whole	0.01	0.05	276	0	0
HCH (or BHC)	whole	0.01	0.1	276	0	0
heptachlor	whole	0.01	0.02	276	0	0
lead	whole	0.01	0.2	9	0	0
lindane (gamma-HCH)	whole	0.01	0.5	276	0	0
mercury	whole	0.01	No Limit	9	0	0
mirex	whole	0.01	not set	276	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	24	0	0