Sorghum 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	not set	162	–	0
benalaxyl	whole	0.01	not set	162	–	0
bitertanol	whole	0.01	not set	162	–	0
boscalid	whole	0.01	0.5	162	0	0
bupirimate	whole	0.01	not set	162	–	0
captafol	whole	0.02	not set	162	–	0
captan	whole	0.01	not set	162	–	0
carbendazim	whole	0.01	not set	162	–	0
chlorothalonil	whole	0.01	not set	162	–	0
cyproconazole	whole	0.01	not set	162	–	0
cyprodinil	whole	0.01	not set	162	–	0
difenoconazole	whole	0.01	0.01	162	0	0

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	162	–	0
dithianon	whole	0.01	not set	162	–	0
dodine	whole	0.01	not set	162	–	0
epoxiconazole	whole	0.01	0.05	162	0	0
etridiazole	whole	0.01	not set	162	–	0
fenarimol	whole	0.01	not set	162	–	0
fenhexamid	whole	0.01	not set	162	–	0
fluazinam	whole	0.01	not set	162	–	0
fludioxonil	whole	0.01	0.01	162	0	0
fluquinconazole	whole	0.01	not set	162	–	0
flusilazole	whole	0.01	not set	162	–	0
flutriafol	whole	0.01	0.1	162	0	0
fluxapyroxad	whole	0.01	0.1	162	0	0
hexaconazole	whole	0.01	not set	162	–	0
imazalil	whole	0.01	not set	162	–	0
ipconazole	whole	0.01	0.01	162	0	0
iprodione	whole	0.01	not set	162	–	0
kresoxim-methyl	whole	0.01	not set	162	–	0
metalaxyl	whole	0.01	0.01	162	0	0
myclobutanil	whole	0.01	not set	162	–	0
oxadixyl	whole	0.01	not set	162	–	0
penconazole	whole	0.01	not set	162	–	0
prochloraz	whole	0.01	not set	162	–	0
procymidone	whole	0.01	not set	162	–	0
propiconazole	whole	0.01	0.05	162	0	0
prothioconazole	whole	0.01	0.3	162	0	0
pyraclostrobin	whole	0.01	0.01	162	0	0
pyrimethanil	whole	0.01	not set	162	–	0
quinoxyfen	whole	0.01	not set	162	–	0
spiroxamine-P	whole	0.01	not set	162	–	0
tebuconazole	whole	0.01	0.2	162	0	0
thiabendazole-P	whole	0.01	not set	162	–	0
tolclofos methyl	whole	0.01	not set	162	–	0
triadimefon	whole	0.01	0.5	162	0	0
triadimenol	whole	0.01	0.5	162	0	0
trifloxystrobin	whole	0.01	not set	162	–	0
triticonazole	whole	0.01	0.05	162	0	0
vinclozolin	whole	0.01	not set	162	–	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	162	0	0
2,4-D	whole	0.01	0.2	162	0	0
amitrole	whole	0.01	0.01	22	0	0
atrazine	whole	0.01	0.1	162	0	0
bromacil	whole	0.01	not set	162	–	0
bromoxynil	whole	0.01	0.2	162	0	0
carfentrazone-ethyl	whole	0.01	0.05	162	0	0
chlorpropham	whole	0.01	not set	162	–	0
chlorsulfuron	whole	0.01	0.05	162	0	0
chlorthal-dimethyl	whole	0.01	not set	162	–	0
clethodim (parent only)	whole	0.01	not set	162	–	0
clodinafop-propargyl	whole	0.01	not set	162	–	0
clopyralid	whole	0.01	2	162	0	0
cyanazine	whole	0.01	0.01	162	0	0
dicamba	whole	0.01	0.05	162	0	0
dichlobenil	whole	0.01	not set	162	–	0
dichlorprop-P	whole	0.01	not set	162	–	0
diclofop-methyl	whole	0.01	0.1	22	0	0
diflufenican	whole	0.01	not set	162	–	0
diquat	whole	0.01	2	22	0	0
diuron	whole	0.01	0.1	162	0	0
ethofumesate	whole	0.01	not set	162	–	0
fenoxaprop-ethyl	whole	0.01	not set	22	–	0
flamprop-M-methyl	whole	0.01	not set	22	–	0
fluazifop-p-butyl	whole	0.01	not set	22	–	0
flumetsulam	whole	0.01	0.05	162	0	0
glufosinate	whole	0.01	not set	22	–	0
glyphosate	whole	0.01	15	22	0	0
haloxyfop	whole	0.01	not set	22	–	0
imazamox	whole	0.01	0.02	162	0	0
imazapic	whole	0.01	not set	162	–	0
imazapyr	whole	0.01	0.02	162	0	0
imazaquin	whole	0.01	not set	162	–	0
imazethapyr	whole	0.01	not set	162	–	0
iodosulfuron-methyl	whole	0.01	not set	162	–	0
ioxynil	whole	0.01	not set	162	–	0
isoxaben	whole	0.01	not set	162	–	0
linuron	whole	0.01	0.05	162	0	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
MCPA	whole	0.01	0.02	162	0	0
methabenzthiazuron	whole	0.01	not set	162	–	0
metolachlor	whole	0.01	0.05	162	0	0
metosulam	whole	0.01	0.02	162	0	0
metribuzin	whole	0.01	0.05	162	0	0
metsulfuron-methyl	whole	0.01	0.02	162	0	0
napropamide	whole	0.01	not set	162	–	0
norflurazon	whole	0.01	not set	162	–	0
oryzalin	whole	0.01	0.01	162	0	0
oxyfluorfen	whole	0.01	0.05	162	0	0
paraquat	whole	0.01	0.05	22	0	0
pendimethalin	whole	0.01	not set	162	–	0
picloram	whole	0.01	0.2	162	0	0
propachlor	whole	0.01	0.2	162	0	0
propyzamide	whole	0.01	not set	162	–	0
quizalofop-ethyl	whole	0.01	not set	22	–	0
quizalofop-P-tefuryl	whole	0.01	not set	22	–	0
saflufenacil	whole	0.01	0.2	162	0	0
sethoxydim	whole	0.01	not set	162	–	0
simazine	whole	0.01	not set	162	–	0
tralkoxydim	whole	0.01	0.02	162	0	0
triasulfuron	whole	0.01	0.02	162	0	0
triclopyr	whole	0.01	0.1	162	0	0
trifluralin	whole	0.01	0.05	162	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	162	–	0
emamectin	whole	0.01	not set	162	–	0
acephate	whole	0.01	not set	162	–	0
acetamiprid-P	whole	0.01	not set	162	–	0
aldicarb	whole	0.01	not set	162	–	0
amitraz	whole	0.01	not set	162	–	0
azamethiphos	whole	0.01	0.1	162	0	0
azinphos-methyl	whole	0.01	not set	162	–	0
bifenazate	whole	0.01	not set	162	–	0
bifenthrin	whole	0.01	0.02	162	0	0
bioresmethrin	whole	0.01	not set	162	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
buprofezin	whole	0.01	not set	162	–	0
cadusafos	whole	0.01	not set	162	–	0
carbaryl	whole	0.01	10	162	0	0
carbofuran	whole	0.01	not set	162	–	0
chlorantraniliprole	whole	0.01	0.01	162	0	0
chlorfenapyr	whole	0.01	not set	162	–	0
chlorfenvinphos (sum of isomers)	whole	0.01	not set	162	–	0
chlorpyrifos	whole	0.01	3	162	0	0
chlorpyrifos-methyl	whole	0.01	10	162	0	0
clofentezine	whole	0.01	not set	162	–	0
clothianidin	whole	0.01	0.01	162	0	0
cyfluthrin (sum of isomers)	whole	0.01	2	162	0	0
cyhalothrin (sum of isomers)	whole	0.01	0.5	162	0	0
cypermethrin (sum of isomers)	whole	0.01	1	162	0	0
deltamethrin	whole	0.01	2	162	0	0
diafenthiuron	whole	0.01	not set	162	–	0
diazinon	whole	0.01	0.1	162	0	0
dichlorvos	whole	0.01	0.01	162	0	0
dicofol	whole	0.01	not set	162	–	0
diflubenzuron	whole	0.01	not set	162	–	0
dimethoate	whole	0.01	0.05	162	0	0
disulfoton	whole	0.01	not set	162	–	0
esfenvalerate	whole	0.01	2	162	0	0
ethion	whole	0.01	not set	162	–	0
ethoprophos	whole	0.005	0.005	162	0	0
etoxazole	whole	0.01	not set	162	–	0
fenamiphos	whole	0.01	not set	162	–	0
fenbutatin oxide	whole	0.01	not set	162	–	0
fenitrothion	whole	0.01	10	162	0	0
fenoxycarb	whole	0.01	not set	162	–	0
fenpyroximate	whole	0.01	not set	162	–	0
fenthion	whole	0.01	not set	162	–	0
fenvalerate (sum of isomers)	whole	0.01	2	162	0	0
fipronil	whole	0.002	0.01	162	0	0
hexythiazox	whole	0.01	not set	162	–	0
imidacloprid	whole	0.01	0.02	162	0	0

Sorghum 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	162	–	0
malathion (maldison)	whole	0.01	8	162	0	0
methacrifos	whole	0.01	not set	162	–	0
methamidophos	whole	0.01	not set	162	–	0
methidathion	whole	0.01	0.01	162	0	0
methiocarb	whole	0.01	not set	162	–	0
methomyl	whole	0.01	0.1	162	0	0
methoprene	whole	0.01	2	162	0	0
methoxychlor	whole	0.01	not set	162	–	0
methoxyfenozide	whole	0.01	not set	162	–	0
mevinphos	whole	0.01	not set	162	–	0
monocrotophos	whole	0.01	not set	162	–	0
omethoate	whole	0.01	0.05	162	0	0
parathion	whole	0.01	not set	162	–	0
parathion-methyl	whole	0.01	not set	162	–	0
permethrin (sum of isomers)	whole	0.01	2	162	0	0
phenothrin (sum of isomers)	whole	0.01	not set	162	–	0
phorate	whole	0.01	not set	162	–	0
phosmet	whole	0.01	0.05	162	0	0
piperonyl butoxide	whole	0.01	20	162	0	0
pirimicarb	whole	0.01	0.02	162	0	0
pirimiphos-methyl	whole	0.01	10	162	0	0
profenofos	whole	0.01	not set	162	–	0
propargite	whole	0.01	not set	162	–	0
prothiofos	whole	0.01	not set	162	–	0
pymetrozine	whole	0.01	not set	162	–	0
pyrethrins	whole	0.01	3	162	0	0
pyriproxyfen	whole	0.01	not set	162	–	0
spinetoram	whole	0.01	not set	162	–	0
spinosad	whole	0.01	1	162	0	0
spirotetramat	whole	0.01	0.02	162	0	0
sulfoxaflor	whole	0.01	0.01	162	0	0
tau-fluvalinate	whole	0.01	not set	162	–	0
tebufenozide	whole	0.01	not set	162	–	0
tebufenpyrad	whole	0.01	not set	162	–	0
terbufos	whole	0.01	0.01	162	0	0
tetradifon	whole	0.01	not set	162	–	0
thiacloprid	whole	0.01	not set	162	–	0

National Residue Survey, Department of Agriculture and Water Resources

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
thiamethoxam	whole	0.01	0.02	162	0	0
thiodicarb	whole	0.01	not set	162	–	0
triazofos	whole	0.01	not set	162	–	0
trichlorfon	whole	0.01	0.1	162	0	0
triflumuron	whole	0.01	0.05	162	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	162	0	0
chlordane	whole	0.01	0.02	162	0	0
DDT	whole	0.01	0.1	162	0	0
endosulfan	whole	0.01	not set	162	–	0
endrin	whole	0.01	not set	162	–	0
HCB (hexachlorobenzene)	whole	0.01	0.05	162	0	0
HCH (BHC)	whole	0.01	0.1	162	0	0
heptachlor	whole	0.01	0.02	162	0	0
lindane (gamma-HCH)	whole	0.01	0.5	162	0	0
mirex	whole	0.01	not set	162	–	0