Australian Government

Department of Agriculture, Fisheries and Forestry

Sorghum residue testing annual datasets 2022-23

National Residue Survey (NRS), Department of Agriculture, Fisheries and Forestry

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, retina 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: CONTAMINANTS

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
aldrin and dieldrin (HHDN+HEOD)	Whole	0.01	0.02	315	0	0
chlordane	Whole	0.01	0.02	315	0	0
DDT	Whole	0.01	0.1	315	0	0
endosulfan	Whole	0.01	not set	315	-	-
endrin	Whole	0.01	not set	315	-	-
HCB (hexachlorobenzene)	Whole	0.01	0.05	315	0	0
HCH (BHC)	Whole	0.01	0.1	315	0	0
heptachlor	Whole	0.01	0.02	315	0	0
lindane (gamma-HCH)	Whole	0.01	0.5	315	0	0
mirex	Whole	0.01	not set	315	-	-

Table 2: FUNGICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
azoxystrobin	Whole	0.01	not set	315	-	-
benalaxyl	Whole	0.01	not set	315	-	-
benzovindiflupyr	Whole	0.01	not set	315	-	-
bitertanol	Whole	0.01	not set	315	-	-
bixafen	Whole	0.01	0.01	315	0	0
boscalid	Whole	0.01	0.5	315	0	0
bupirimate	Whole	0.01	not set	315	-	-
captafol	Whole	0.01	not set	315	-	-
captan	Whole	0.01	not set	315	-	-
carbendazim	Whole	0.01	not set	315	-	-
carboxin	Whole	0.01	0.1	315	0	0
chlorothalonil	Whole	0.01	not set	315	-	-
cyproconazole	Whole	0.01	not set	315	-	-
cyprodinil	Whole	0.01	not set	315	-	-
difenoconazole	Whole	0.01	0.01	315	0	2
dimethomorph	Whole	0.01	not set	315	-	-
dithianon	Whole	0.01	not set	315	-	-
dodine	Whole	0.01	not set	315	-	-
epoxiconazole	Whole	0.01	0.05	315	0	0
etridiazole	Whole	0.01	not set	315	-	-
fenarimol	Whole	0.01	not set	315	-	-
fenbuconazole	Whole	0.01	not set	315	-	-
fenhexamid	Whole	0.01	not set	315	-	-
fluazinam	Whole	0.01	not set	315	-	-
fludioxonil	Whole	0.01	0.01	315	0	0
fluopicolide	Whole	0.01	0.01	315	0	0
fluopyram	Whole	0.01	0.03	315	0	0
fluquinconazole	Whole	0.01	not set	315	-	-
flusilazole	Whole	0.01	not set	315	-	-
flutriafol	Whole	0.01	0.1	315	0	0
fluxapyroxad	Whole	0.01	0.1	315	0	0
hexaconazole	Whole	0.01	not set	315	-	-
imazalil	Whole	0.01	not set	315	-	-
ipconazole	Whole	0.01	0.01	315	0	0
iprodione	Whole	0.01	not set	315	-	-
isoprothiolane	Whole	0.01	not set	315	-	-
isopyrazam	Whole	0.01	not set	315	-	-
kresoxim-methyl	Whole	0.01	not set	315	-	-
metalaxyl	Whole	0.01	0.01	315	0	0

myclobutanil	Whole	0.01	not set	315	-	-
oxadixyl	Whole	0.01	not set	315	-	-
penconazole	Whole	0.01	not set	315	-	-
penflufen	Whole	0.01	0.01	315	0	0
prochloraz	Whole	0.01	not set	315	-	-
procymidone	Whole	0.01	not set	315	-	-
propiconazole	Whole	0.01	0.05	315	0	0
prothioconazole	Whole	0.01	0.3	315	0	0
pydiflumetofen	Whole	0.01	3	315	0	0
pyraclostrobin	Whole	0.01	0.01	315	0	0
pyrimethanil	Whole	0.01	not set	315	-	-
quinoxyfen	Whole	0.01	not set	315	-	-
quintozene	Whole	0.01	not set	315	-	-
sedaxane	Whole	0.01	0.01	315	0	0
spiroxamine	Whole	0.01	not set	315	-	-
tebuconazole	Whole	0.01	0.2	315	0	0
thiabendazole	Whole	0.01	not set	315	-	-
tolclofos methyl	Whole	0.01	not set	315	-	-
triadimefon	Whole	0.01	0.5	315	0	0
triadimenol	Whole	0.01	0.5	315	0	0
trifloxystrobin	Whole	0.01	not set	315	-	-
triticonazole	Whole	0.01	0.05	315	0	0
uniconazole-P	Whole	0.01	not set	160	-	-
vinclozolin	Whole	0.01	not set	315	-	-

Table 3: HERBICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
2,2-DPA (2,2-dichloropropionic acid)	Whole	0.01	0.1	315	0	0
2,4-D	Whole	0.01	0.2	315	0	0
2,4-DB	Whole	0.01	0.02	315	0	0
acifluorfen	Whole	0.01	not set	315	-	-
ametryn	Whole	0.01	not set	315	-	-
aminopyralid	Whole	0.01	0.1	315	0	0
amitrole	Whole	0.01	0.01	49	0	0
atrazine	Whole	0.01	0.1	315	0	0
bentazone	Whole	0.01	not set	315	-	-
bicyclopyrone	Whole	0.01	not set	315	-	-
bixlozone	Whole	0.01	not set	315	-	-
bromacil	Whole	0.01	not set	315	-	-

bromoxynil	Whole	0.01	0.2	315	0	0
butafenacil	Whole	0.01	0.02	315	0	0
butroxydim	Whole	0.01	not set	315	-	-
carfentrazone-ethyl	Whole	0.01	0.05	315	0	0
chlormequat	Whole	0.01	not set	49	-	-
chlorpropham	Whole	0.01	not set	315	-	-
chlorsulfuron	Whole	0.01	0.05	315	0	0
chlorthal-dimethyl	Whole	0.01	not set	315	-	-
cinmethylin	Whole	0.01	not set	315	-	-
clethodim	Whole	0.01	not set	315	-	-
clodinafop acid	Whole	0.01	not set	315	-	-
clodinafop-propargyl	Whole	0.01	not set	315	-	-
clomazone	Whole	0.01	not set	315	-	-
clopyralid	Whole	0.01	2	315	0	0
cloquintocet-mexyl	Whole	0.01	0.1	315	0	0
cyanazine	Whole	0.01	0.01	315	0	0
dicamba	Whole	0.01	0.05	315	0	0
dichlobenil	Whole	0.01	not set	315	-	-
dichlorprop-P	Whole	0.01	not set	49	-	-
diclofop-methyl	Whole	0.01	0.1	49	0	0
diflufenican	Whole	0.01	not set	315	-	-
dimethenamid-P	Whole	0.01	not set	315	-	-
diquat	Whole	0.01	2	49	0	0
diuron	Whole	0.01	0.1	315	0	0
EPTC	Whole	0.01	0.04	315	0	0
ethofumesate	Whole	0.01	not set	315	-	-
fenoxaprop-ethyl	Whole	0.01	not set	315	-	-
flamprop-M-methyl	Whole	0.01	not set	49	-	-
florasulam	Whole	0.01	0.01	315	0	0
florpyrauxifen-benzyl	Whole		0.02	315	0	0
fluazifop-p-butyl	Whole	0.01	not set	49	-	-
flumetsulam	Whole	0.01	0.05	315	0	0
flumioxazin	Whole	0.01	0.05	315	0	0
fluroxypyr	Whole	0.01	0.2	315	0	0
fomesafen	Whole	0.01	not set	315	-	-
glufosinate	Whole	0.01	not set	49	-	-
glyphosate	Whole	0.01	15	49	0	0
halauxifen-methyl	Whole	0.01	0.01	315	0	0
halosulfuron-methyl	Whole	0.01	0.05	315	0	0
haloxyfop	Whole	0.005	not set	49	-	-
imazamox	Whole	0.01	0.02	48	0	0
imazapic	Whole	0.01	not set	48	-	-

imazapyr	Whole	0.01	0.02	48	0	0
imazaquin	Whole	0.01	not set	48	-	-
imazethapyr	Whole	0.01	not set	48	-	-
iodosulfuron-methyl	Whole	0.01	not set	315	-	-
ioxynil	Whole	0.01	not set	315	-	-
isoxaben	Whole	0.01	not set	315	-	-
isoxaflutole	Whole	0.01	0.02	315	0	0
linuron	Whole	0.01	0.05	315	0	0
MCPA	Whole	0.01	0.02	315	0	0
MCPB	Whole	0.01	0.02	315	0	0
mefenpyr-diethyl	Whole	0.01	0.01	315	0	0
mesotrione	Whole	0.01	not set	315	-	-
metamitron	Whole	0.01	not set	315	-	-
metazachlor	Whole	0.01	0.03	315	0	0
methabenzthiazuron	Whole	0.01	not set	315	-	-
metolachlor	Whole	0.01	0.05	315	0	0
metosulam	Whole	0.01	0.02	315	0	0
metribuzin	Whole	0.01	0.05	315	0	0
metsulfuron-methyl	Whole	0.01	0.02	315	0	0
napropamide	Whole	0.01	not set	315	-	-
norflurazon	Whole	0.01	not set	315	-	-
oryzalin	Whole	0.01	0.01	315	0	0
oxyfluorfen	Whole	0.01	0.05	315	0	0
paraquat	Whole	0.01	0.05	49	0	0
pendimethalin	Whole	0.01	not set	315	-	-
picloram	Whole	0.01	0.2	315	0	0
picolinafen	Whole	0.01	0.02	315	0	0
pinoxaden (parent)	Whole	0.01	not set	315	-	-
prometryn	Whole	0.01	0.1	315	0	0
propachlor	Whole	0.01	0.2	315	0	0
propaquizafop	Whole	0.01	not set	49	-	-
propyzamide	Whole	0.01	not set	315	-	-
prosulfocarb	Whole	0.01	not set	315	-	-
pyraflufen-ethyl	Whole	0.01	0.02	315	0	0
pyrasulfotole	Whole	0.01	0.02	315	0	0
pyroxasulfone	Whole	0.01	0.01	315	0	0
pyroxsulam	Whole	0.01	not set	315	-	-
quizalofop-ethyl	Whole	0.01	not set	49	-	-
quizalofop-P-tefuryl	Whole	0.01	not set	49	-	-
saflufenacil	Whole	0.01	0.2	315	0	0
sethoxydim	Whole	0.01	not set	315	-	-
simazine	Whole	0.01	not set	315	-	-

sulfosulfuron	Whole	0.01	not set	315	-	-
terbuthylazine	Whole	0.01	0.01	315	0	0
terbutryn	Whole	0.01	0.1	315	0	0
tiafenacil	Whole	0.01	0.01	315	0	0
topramezone	Whole	0.01	not set	315	-	-
tralkoxydim	Whole	0.01	0.02	315	0	0
triallate	Whole	0.01	0.05	315	0	0
triasulfuron	Whole	0.01	0.02	315	0	0
tribenuron-methyl	Whole	0.01	0.01	315	0	0
triclopyr	Whole	0.01	0.1	315	0	0
trifludimoxazin	Whole	0.01	not set	315	-	-
trifluralin	Whole	0.01	0.05	315	0	0

Table 4: INSECTICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
abamectin	Whole	0.01	not set	315	-	-
acephate	Whole	0.01	not set	315	-	-
acetamiprid	Whole	0.01	not set	315	-	-
aldicarb	Whole	0.01	not set	315	-	-
amitraz	Whole	0.01	not set	315	-	-
azamethiphos	Whole	0.01	0.1	315	0	0
azinphos-methyl	Whole	0.01	not set	315	-	-
bifenazate	Whole	0.01	not set	315	-	-
bifenthrin	Whole	0.01	0.02	315	3	1
bioresmethrin	Whole	0.01	not set	315	-	-
buprofezin	Whole	0.01	0.01	315	0	0
cadusafos	Whole	0.01	not set	315	-	-
carbaryl	Whole	0.01	10	315	0	0
carbofuran	Whole	0.01	not set	315	-	-
chlorantraniliprole	Whole	0.01	1	315	0	0
chlorfenapyr	Whole	0.01	not set	315	-	-
chlorfenvinphos	Whole	0.01	not set	315	-	-
chlorpyrifos	Whole	0.01	3	315	0	0
chlorpyrifos-methyl	Whole	0.01	10	315	3	0
clofentezine	Whole	0.01	not set	315	-	-
clothianidin	Whole	0.01	0.01	315	0	0
cyantraniliprole	Whole	0.01	0.05	315	0	0
cyfluthrin	Whole	0.01	not set	315	-	-
cyhalothrin	Whole	0.01	0.5	315	0	0
cypermethrin	Whole	0.01	1	315	0	0

deltamethrin	Whole	0.01	2	315	0	0
diafenthiuron	Whole	0.01	not set	315	-	-
diazinon	Whole	0.01	0.1	315	0	0
dichlorvos	Whole	0.01	0.01	315	0	0
dicofol	Whole	0.01	not set	315	-	-
diflubenzuron	Whole	0.01	not set	315	-	-
dimethoate	Whole	0.01	0.5	315	0	0
dinotefuran	Whole	0.01	not set	315	-	-
disulfoton	Whole	0.01	not set	315	-	-
emamectin	Whole	0.01	0.002	315	0	0
ethion	Whole	0.01	not set	315	-	-
ethoprophos	Whole	0.005	not set	315	-	-
etoxazole	Whole	0.01	not set	315	-	-
fenamiphos	Whole	0.01	not set	315	-	-
fenbutatin oxide	Whole	0.01	not set	315	-	-
fenitrothion	Whole	0.01	10	315	0	0
fenoxycarb	Whole	0.01	not set	315	-	-
fenpyroximate	Whole	0.01	not set	315	-	-
fenthion	Whole	0.01	not set	315	-	-
fenvalerate	Whole	0.01	2	315	0	0
fipronil	Whole	0.002	0.01	315	0	0
flonicamid	Whole	0.01	not set	315	-	-
fluensulfone	Whole	0.01	0.05	315	0	0
flupyradifurone	Whole	0.01	0.2	315	0	0
hexythiazox	Whole	0.01	not set	315	-	-
imidacloprid	Whole	0.01	0.02	315	0	0
indoxacarb	Whole	0.01	not set	315	-	-
malathion	Whole	0.01	8	315	0	0
methacrifos	Whole	0.01	not set	315	-	-
methamidophos	Whole	0.01	not set	315	-	-
methidathion	Whole	0.01	not set	315	-	-
methiocarb	Whole	0.01	not set	315	-	-
methomyl	Whole	0.01	0.1	315	0	0
methoprene	Whole	0.01	2	315	0	0
methoxychlor	Whole	0.01	not set	315	-	-
methoxyfenozide	Whole	0.01	not set	315	-	-
mevinphos	Whole	0.01	not set	315	-	-
monocrotophos	Whole	0.01	not set	315	-	-
omethoate	Whole	0.01	0.05	315	0	0
parathion	Whole	0.01	not set	315	-	-
parathion-methyl	Whole	0.01	not set	315	-	-
permethrin	Whole	0.01	2	315	0	0

phenothrin	Whole	0.01	not set	315	-	-
phorate	Whole	0.01	not set	315	-	-
phosmet	Whole	0.01	0.05	315	0	0
piperonyl butoxide	Whole	0.01	20	315	0	0
pirimicarb	Whole	0.01	0.02	315	0	0
pirimiphos-methyl	Whole	0.01	10	315	0	0
profenofos	Whole	0.01	not set	315	-	-
propargite	Whole	0.01	not set	315	-	-
prothiofos	Whole	0.01	not set	315	-	-
pymetrozine	Whole	0.01	not set	315	-	-
pyrethrins	Whole	0.01	3	315	0	0
pyriproxyfen	Whole	0.01	not set	315	-	-
spinetoram	Whole	0.01	0.01	315	0	0
spinosad	Whole	0.01	1	315	0	0
spirotetramat	Whole	0.01	0.02	315	0	0
sulfoxaflor	Whole	0.01	0.15	315	0	0
tau-fluvalinate	Whole	0.01	not set	315	-	-
tebufenozide	Whole	0.01	not set	315	-	-
tebufenpyrad	Whole	0.01	not set	315	-	-
terbufos	Whole	0.01	0.01	315	0	0
tetradifon	Whole	0.01	not set	315	-	-
thiacloprid	Whole	0.01	not set	315	-	-
thiamethoxam	Whole	0.01	0.02	315	2	3
thiodicarb	Whole	0.01	not set	315	-	-
triazofos	Whole	0.01	not set	315	-	-
trichlorfon	Whole	0.01	0.1	315	0	0
triflumuron	Whole	0.01	0.05	315	0	0

Table 5: PHYSIOLOGICAL MODIFIER

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
forchlorfenuron	Whole	0.01	not set	315	-	-
prohexadione-calcium	Whole	0.01	not set	315	-	-
trinexapac-ethyl	Whole	0.01	0.2	315	0	0