Sorghum residue testing annual datasets 2021-22

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	278	0	0
chlordane	Whole	0.01	0.02	278	0	0
DDT	Whole	0.01	0.1	278	0	0
endosulfan	Whole	0.01	not set	278	-	-
endrin	Whole	0.01	not set	278	-	-
HCB	Whole	0.01	0.05	278	0	0
HCH	Whole	0.01	0.1	278	0	0
heptachlor	Whole	0.01	0.02	278	0	0
lindane (gamma-HCH)	Whole	0.01	0.5	278	0	0
mirex	Whole	0.01	not set	278	-	-

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	278	-	-

benalaxyl	Whole	0.01	not set	278	-	-
bitertanol	Whole	0.01	not set	278	-	-
bixafen	Whole	0.01	0.01	278	0	0
boscalid	Whole	0.01	0.5	278	0	0
bupirimate	Whole	0.01	not set	278	-	-
captafol	Whole	0.02	not set	278	-	-
captan	Whole	0.01	not set	278	-	-
carbendazim	Whole	0.01	not set	278	-	-
carboxin	Whole	0.01	0.1	278	0	0
chlorothalonil	Whole	0.01	not set	278	-	-
cyproconazole	Whole	0.01	not set	278	-	-
cyprodinil	Whole	0.01	not set	278	-	-
difenoconazole	Whole	0.01	0.01	278	0	0
dimethomorph	Whole	0.01	not set	278	-	-
dithianon	Whole	0.01	not set	278	-	-
dodine	Whole	0.01	not set	278	-	-
epoxiconazole	Whole	0.01	0.05	278	0	0
etridiazole	Whole	0.01	not set	278	-	-
fenarimol	Whole	0.01	not set	278	-	-
fenbuconazole	Whole	0.01	not set	278	-	-
fenhexamid	Whole	0.01	not set	278	-	-
fluazinam	Whole	0.01	not set	278	-	-
fludioxonil	Whole	0.01	0.01	278	0	0
fluquinconazole	Whole	0.01	not set	278	-	-
flusilazole	Whole	0.01	not set	278	0	0
flutriafol	Whole	0.01	0.1	278	0	0
fluxapyroxad	Whole	0.01	0.1	278	0	0
hexaconazole	Whole	0.01	not set	278	-	-
imazalil	Whole	0.01	not set	278	-	-
ipconazole	Whole	0.01	0.01	278	0	0
iprodione	Whole	0.01	not set	278	-	-
isoprothiolane	Whole	0.01	not set	278	0	0
kresoxim-methyl	Whole	0.01	not set	278	-	-
metalaxyl	Whole	0.01	0.01	278	0	0
myclobutanil	Whole	0.01	not set	278	-	-
oxadixyl	Whole	0.01	not set	278	-	-
penconazole	Whole	0.01	not set	278	-	-
penflufen	Whole	0.01	0.01	278	0	0
prochloraz	Whole	0.01	not set	278	0	0

procymidone	Whole	0.01	not set	278	-	-
propiconazole	Whole	0.01	0.05	278	0	0
prothioconazole	Whole	0.01	0.3	278	0	0
pyraclostrobin	Whole	0.01	0.01	278	0	0
pyrimethanil	Whole	0.01	not set	278	-	-
quinoxyfen	Whole	0.01	not set	278	-	-
sedaxane	Whole	0.01	0.01	278	0	0
spiroxamine	Whole	0.01	not set	278	-	-
tebuconazole	Whole	0.01	0.2	278	0	0
thiabendazole	Whole	0.01	not set	278	-	-
tolclofos methyl	Whole	0.01	not set	278	-	-
triadimefon	Whole	0.01	0.5	278	0	0
triadimenol	Whole	0.01	0.5	278	0	0
trifloxystrobin	Whole	0.01	not set	278	-	-
triticonazole	Whole	0.01	0.05	278	0	0
vinclozolin	Whole	0.01	not set	278	-	-

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	278	0	0
2,4-D	Whole	0.01	0.2	278	0	0
2,4-DB	Whole	0.01	0.02	278	0	0
acifluorfen	Whole	0.01	not set	278	-	-
ametryn	Whole	0.01	not set	278	-	-
aminopyralid	Whole	0.01	0.1	278	0	0
amitrole	Whole	0.01	0.01	40	0	0
atrazine	Whole	0.01	0.1	278	0	0
bentazone	Whole	0.01	not set	278	-	-
bicyclopyrone	Whole	0.01	not set	278	-	-
bromacil	Whole	0.01	not set	278	-	-
bromoxynil	Whole	0.01	0.2	278	0	0
butroxydim	Whole	0.01	not set	278	-	-
carfentrazone-ethyl	Whole	0.01	0.05	278	0	0
chlormequat	Whole	0.01	not set	40	-	-
chlorpropham	Whole	0.01	not set	278	-	-
chlorsulfuron	Whole	0.01	0.05	278	0	0
chlorthal-dimethyl	Whole	0.01	not set	278	-	-

clethodim	Whole	0.01	not set	278	-	-
clodinafop acid	Whole	0.01	not set	278	-	-
clodinafop-propargyl	Whole	0.01	not set	278	-	-
clomazone	Whole	0.01	not set	278	-	-
clopyralid	Whole	0.01	2	278	0	0
cloquintocet-mexyl	Whole	0.01	0.1	278	0	0
cyanazine	Whole	0.01	0.01	278	0	0
dicamba	Whole	0.01	0.05	278	0	0
dichlobenil	Whole	0.01	not set	278	-	-
dichlorprop-P	Whole	0.01	not set	40	-	-
diclofop-methyl	Whole	0.01	0.1	40	0	0
diflufenican	Whole	0.01	not set	278	-	-
dimethenamid-P	Whole	0.01	not set	278	-	-
diquat	Whole	0.01	2	40	0	0
diuron	Whole	0.01	0.1	278	0	0
EPTC	Whole	0.01	0.04	278	0	0
ethofumesate	Whole	0.01	not set	278	-	-
fenoxaprop-ethyl	Whole	0.01	not set	278	-	-
flamprop-M-methyl	Whole	0.01	not set	40	-	-
florasulam	Whole	0.01	0.01	278	0	0
fluazifop-p-butyl	Whole	0.01	not set	40	-	-
flumetsulam	Whole	0.01	0.05	278	0	0
flumioxazin	Whole	0.01	0.05	278	0	0
fluroxypyr	Whole	0.01	0.2	278	0	0
glufosinate	Whole	0.01	not set	40	-	-
glyphosate	Whole	0.01	15	40	0	0
halauxifen-methyl	Whole	0.01	0.01	278	0	0
halosulfuron-methyl	Whole	0.01	0.05	278	0	0
haloxyfop	Whole	0.01	not set	40	-	-
imazamox	Whole	0.01	0.02	38	0	0
imazapic	Whole	0.01	not set	38	-	-
imazapyr	Whole	0.01	0.02	38	0	0
imazaquin	Whole	0.01	not set	38	-	-
imazethapyr	Whole	0.01	not set	38	-	-
iodosulfuron-methyl	Whole	0.01	not set	278	-	-
ioxynil	Whole	0.01	not set	278	-	-
isoxaben	Whole	0.01	not set	278	-	-
isoxaflutole	Whole	0.01	0.02	278	0	0
linuron	Whole	0.01	0.05	278	0	0

MCPA	Whole	0.01	0.02	278	0	0
MCPB	Whole	0.01	0.02	278	0	0
mefenpyr-diethyl	Whole	0.01	0.01	278	0	0
metazachlor	Whole	0.01	0.03	278	0	0
methabenzthiazuron	Whole	0.01	not set	278	-	-
metolachlor	Whole	0.01	0.05	278	0	0
metosulam	Whole	0.01	0.02	278	0	0
metribuzin	Whole	0.01	0.05	278	0	0
metsulfuron-methyl	Whole	0.01	0.02	278	0	0
napropamide	Whole	0.01	not set	278	-	-
norflurazon	Whole	0.01	not set	278	-	-
oryzalin	Whole	0.01	0.01	278	0	0
oxyfluorfen	Whole	0.01	0.05	278	0	0
paraquat	Whole	0.01	0.05	40	0	0
pendimethalin	Whole	0.01	not set	278	-	-
picloram	Whole	0.01	0.2	278	0	0
picolinafen	Whole	0.01	0.02	278	0	0
pinoxaden (parent)	Whole	0.01	not set	278	-	-
prometryn	Whole	0.01	0.1	278	0	0
propachlor	Whole	0.01	0.2	278	0	0
propaquizafop	Whole	0.01	not set	40	-	-
propyzamide	Whole	0.01	not set	278	-	-
prosulfocarb	Whole	0.01	not set	278	-	-
pyraflufen-ethyl	Whole	0.01	0.02	278	0	0
pyrasulfotole	Whole	0.01	0.02	278	0	0
pyroxasulfone	Whole	0.01	0.01	278	0	0
pyroxsulam	Whole	0.01	not set	278	-	-
quizalofop-ethyl	Whole	0.01	not set	40	-	-
quizalofop-P-tefuryl	Whole	0.01	not set	40	-	-
saflufenacil	Whole	0.01	0.2	278	0	0
sethoxydim	Whole	0.01	not set	278	-	-
simazine	Whole	0.01	not set	278	-	-
sulfosulfuron	Whole	0.01	not set	278	-	-
terbuthylazine	Whole	0.01	0.01	278	0	0
terbutryn	Whole	0.01	0.1	278	0	0
tralkoxydim	Whole	0.01	0.02	278	0	0
triallate	Whole	0.01	0.05	278	0	0
triasulfuron	Whole	0.01	0.02	278	0	0
tribenuron-methyl	Whole	0.01	0.01	278	0	0

triclopyr	Whole	0.01	0.1	278	0	0
trifluralin	Whole	0.01	0.05	278	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	278	-	-
acephate	Whole	0.01	not set	278	-	-
acetamiprid	Whole	0.01	not set	278	-	-
aldicarb	Whole	0.01	not set	278	-	-
amitraz	Whole	0.01	not set	278	-	-
azamethiphos	Whole	0.01	0.1	278	0	0
azinphos-methyl	Whole	0.01	not set	278	-	-
bifenazate	Whole	0.01	not set	278	-	-
bifenthrin	Whole	0.01	0.02	278	0	0
bioresmethrin	Whole	0.01	not set	278	-	-
buprofezin	Whole	0.01	0.01	278	0	0
cadusafos	Whole	0.01	not set	278	-	-
carbaryl	Whole	0.01	10	278	0	0
carbofuran	Whole	0.01	not set	278	-	-
chlorantraniliprole	Whole	0.01	1	278	0	0
chlorfenapyr	Whole	0.01	not set	278	-	-
chlorfenvinphos	Whole	0.01	not set	278	-	-
chlorpyrifos	Whole	0.01	3	278	0	0
chlorpyrifos-methyl	Whole	0.01	10	278	2	0
clofentezine	Whole	0.01	not set	278	-	-
clothianidin	Whole	0.01	0.01	278	0	0
cyantraniliprole	Whole	0.01	0.05	278	0	0
cyfluthrin	Whole	0.01	not set	278	-	-
cyhalothrin	Whole	0.01	0.5	278	0	0
cypermethrin	Whole	0.01	1	278	0	0
deltamethrin	Whole	0.01	2	278	0	0
diafenthiuron	Whole	0.01	not set	278	-	-
diazinon	Whole	0.01	0.1	278	0	0
dichlorvos	Whole	0.01	0.01	278	0	0
dicofol	Whole	0.01	not set	278	-	-
diflubenzuron	Whole	0.01	not set	278	-	-
dimethoate	Whole	0.01	0.5	278	0	0
disulfoton	Whole	0.01	not set	278	-	-

emamectin	Whole	0.01	not set	278	-	-
ethion	Whole	0.01	not set	278	-	-
ethoprophos	Whole	0.005	not set	278	-	-
etoxazole	Whole	0.01	not set	278	-	-
fenamiphos	Whole	0.01	not set	278	-	-
fenbutatin oxide	Whole	0.01	not set	278	-	-
fenitrothion	Whole	0.01	10	278	0	0
fenoxycarb	Whole	0.01	not set	278	-	-
fenpyroximate	Whole	0.01	not set	278	-	-
fenthion	Whole	0.01	not set	278	-	-
fenvalerate	Whole	0.01	2	278	0	0
fipronil	Whole	0.002	0.01	278	0	0
flonicamid	Whole	0.01	not set	278	-	-
hexythiazox	Whole	0.01	not set	278	-	-
imidacloprid	Whole	0.01	0.02	278	0	0
indoxacarb	Whole	0.01	not set	278	-	-
malathion	Whole	0.01	8	278	0	0
methacrifos	Whole	0.01	not set	278	-	-
methamidophos	Whole	0.01	not set	278	-	-
methidathion	Whole	0.01	not set	278	-	-
methiocarb	Whole	0.01	not set	278	-	-
methomyl	Whole	0.01	0.1	278	0	0
methoprene	Whole	0.01	2	278	0	0
methoxychlor	Whole	0.01	not set	278	-	-
methoxyfenozide	Whole	0.01	not set	278	-	-
mevinphos	Whole	0.01	not set	278	-	-
monocrotophos	Whole	0.01	not set	278	-	-
omethoate	Whole	0.01	0.05	278	0	0
parathion	Whole	0.01	not set	278	-	-
parathion-methyl	Whole	0.01	not set	278	-	-
permethrin	Whole	0.01	2	278	0	0
phenothrin	Whole	0.01	not set	278	-	-
phorate	Whole	0.01	not set	278	-	-
phosmet	Whole	0.01	0.05	278	0	0
piperonyl butoxide	Whole	0.01	20	278	0	0
pirimicarb	Whole	0.01	0.02	278	0	0
pirimiphos-methyl	Whole	0.01	10	278	0	0
profenofos	Whole	0.01	not set	278	-	-
propargite	Whole	0.01	not set	278	-	-

prothiofos	Whole	0.01	not set	278	-	-
pymetrozine	Whole	0.01	not set	278	-	-
pyrethrins	Whole	0.01	3	278	0	0
pyriproxyfen	Whole	0.01	not set	278	-	-
spinetoram	Whole	0.01	0.01	278	0	0
spinosad	Whole	0.01	1	278	0	0
spirotetramat	Whole	0.01	0.02	278	0	0
sulfoxaflor	Whole	0.01	0.01	278	0	0
tau-fluvalinate	Whole	0.01	not set	278	-	-
tebufenozide	Whole	0.01	not set	278	-	-
tebufenpyrad	Whole	0.01	not set	278	-	-
terbufos	Whole	0.01	0.01	278	0	0
tetradifon	Whole	0.01	not set	278	-	-
thiacloprid	Whole	0.01	not set	278	-	-
thiamethoxam	Whole	0.01	0.02	278	0	0
thiodicarb	Whole	0.01	not set	278	-	-
triazofos	Whole	0.01	not set	278	-	-
trichlorfon	Whole	0.01	0.1	278	0	0
triflumuron	Whole	0.01	0.05	278	0	0

Table 5: PHYSIOLOGICAL MODIFIER

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
trinexapac-ethyl	Whole	0.01	0.2	278	0	0