



Bran (Durum) 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.

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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	13	0	0
benalaxyl	whole	0.01	not set	13	–	0
bitertanol	whole	0.01	not set	13	–	0
boscalid	whole	0.01	0.5	13	0	0
bupirimate	whole	0.01	not set	13	–	0
captafol	whole	0.02	not set	13	–	0
captan	whole	0.01	not set	13	–	0
carbendazim	whole	0.01	not set	13	–	0
chlorothalonil	whole	0.01	not set	13	–	0
cyproconazole	whole	0.01	0.02	13	0	0
cyprodinil	whole	0.01	not set	13	–	0
difenoconazole	whole	0.01	0.01	13	0	0

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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	13	–	0
dithianon	whole	0.01	not set	13	–	0
dodine	whole	0.01	not set	13	–	0
epoxiconazole	whole	0.01	0.3	13	0	0
etridiazole	whole	0.01	not set	13	–	0
fenarimol	whole	0.01	not set	13	–	0
fenhexamid	whole	0.01	not set	13	–	0
fluazinam	whole	0.01	not set	13	–	0
fludioxonil	whole	0.01	not set	13	–	0
fluquinconazole	whole	0.01	0.02	13	0	0
flusilazole	whole	0.01	not set	13	–	0
flutriafol	whole	0.01	0.1	13	0	0
fluxapyroxad	whole	0.01	0.01	13	0	0
hexaconazole	whole	0.01	not set	13	–	0
imazalil	whole	0.01	not set	13	–	0
ipconazole	whole	0.01	0.01	13	0	0
iprodione	whole	0.01	not set	13	–	0
kresoxim-methyl	whole	0.01	not set	13	–	0
metalaxyl	whole	0.01	0.01	13	0	0
myclobutanil	whole	0.01	not set	13	–	0
oxadixyl	whole	0.01	not set	13	–	0
penconazole	whole	0.01	not set	13	–	0
prochloraz	whole	0.01	not set	13	–	0
procymidone	whole	0.01	not set	13	–	0
propiconazole	whole	0.01	0.05	13	0	0
prothioconazole	whole	0.01	0.5	13	0	0
pyraclostrobin	whole	0.01	0.01	13	0	0
pyrimethanil	whole	0.01	not set	13	–	0
quinoxifen	whole	0.01	not set	13	–	0
spiroxamine-P	whole	0.01	not set	13	–	0
tebuconazole	whole	0.01	0.2	13	0	0
thiabendazole-P	whole	0.01	not set	13	–	0
tolclofos methyl	whole	0.01	not set	13	–	0
triadimefon	whole	0.01	0.5	13	0	0
triadimenol	whole	0.01	0.01	13	0	0
trifloxystrobin	whole	0.01	not set	13	–	0
triticonazole	whole	0.01	0.05	13	0	0
vinclozolin	whole	0.01	not set	13	–	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	13	0	0
2,4-D	whole	0.01	0.2	13	0	0
amitrole	whole	0.01	0.01	4	0	0
atrazine	whole	0.01	not set	13	–	0
bromacil	whole	0.01	not set	13	–	0
bromoxynil	whole	0.01	0.2	13	0	0
carfentrazone-ethyl	whole	0.01	0.05	13	0	0
chlorpropham	whole	0.01	not set	13	–	0
chlorsulfuron	whole	0.01	0.05	13	0	0
chlorthal-dimethyl	whole	0.01	not set	13	–	0
clethodim (parent only)	whole	0.01	0.1	13	0	0
clodinafop-propargyl	whole	0.01	0.05	13	0	0
clopyralid	whole	0.01	2	13	0	0
cyanazine	whole	0.01	0.01	13	0	0
dicamba	whole	0.01	0.05	13	0	0
dichlobenil	whole	0.01	not set	13	–	0
dichlorprop-P	whole	0.01	not set	13	–	0
diclofop-methyl	whole	0.01	0.1	4	0	0
diflufenican	whole	0.01	0.02	13	0	0
diquat	whole	0.01	2	4	0	0
diuron	whole	0.01	0.1	13	0	0
ethofumesate	whole	0.01	not set	13	–	0
fenoxaprop-ethyl	whole	0.01	0.01	4	0	0
flamprop-M-methyl	whole	0.01	0.05	4	0	0
fluazifop-p-butyl	whole	0.01	not set	4	–	0
flumetsulam	whole	0.01	0.05	13	0	0
glufosinate	whole	0.01	not set	4	–	0
glyphosate	whole	0.01	20	4	0	0
haloxyfop	whole	0.01	not set	4	–	0
imazamox	whole	0.01	not set	13	–	0
imazapic	whole	0.01	0.05	13	0	0
imazapyr	whole	0.01	0.05	13	0	0
imazaquin	whole	0.01	not set	13	–	0
imazethapyr	whole	0.01	not set	13	–	0
iodosulfuron-methyl	whole	0.01	0.01	13	0	0
ioxynil	whole	0.01	not set	13	–	0
isoxaben	whole	0.01	0.01	13	0	0
linuron	whole	0.01	0.05	13	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	13	0	0
methabenzthiazuron	whole	0.01	not set	13	-	0
metolachlor	whole	0.01	0.02	13	0	0
metosulam	whole	0.01	0.02	13	0	0
metribuzin	whole	0.01	0.05	13	0	0
metsulfuron-methyl	whole	0.01	0.02	13	0	0
napropamide	whole	0.01	not set	13	-	0
norflurazon	whole	0.01	not set	13	-	0
oryzalin	whole	0.01	0.01	13	0	0
oxyfluorfen	whole	0.01	0.05	13	0	0
paraquat	whole	0.01	0.05	4	0	0
pendimethalin	whole	0.01	0.05	13	0	0
picloram	whole	0.01	0.2	13	0	0
propachlor	whole	0.01	0.05	13	0	0
propyzamide	whole	0.01	not set	13	-	0
quizalofop-ethyl	whole	0.01	not set	4	-	0
quizalofop-P-tefuryl	whole	0.01	not set	4	-	0
saflufenacil	whole	0.01	0.5	13	0	0
sethoxydim	whole	0.01	0.1	13	0	0
simazine	whole	0.01	not set	13	-	0
tralkoxydim	whole	0.01	0.02	13	0	0
triasulfuron	whole	0.01	0.02	13	0	0
triclopyr	whole	0.01	not set	13	-	0
trifluralin	whole	0.01	0.05	13	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	13	-	0
emamectin	whole	0.01	not set	13	-	0
acephate	whole	0.01	not set	13	-	0
acetamiprid-P	whole	0.01	not set	13	-	0
aldicarb	whole	0.01	not set	13	-	0
amitraz	whole	0.01	not set	13	-	0
azamethiphos	whole	0.01	0.5	13	0	0
azinphos-methyl	whole	0.01	not set	13	-	0
bifenazate	whole	0.01	not set	13	-	0
bifenthrin	whole	0.01	0.02	13	0	0
bioresmethrin	whole	0.01	not set	13	-	0

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Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
buprofezin	whole	0.01	not set	13	–	0
cadusafos	whole	0.01	not set	13	–	0
carbaryl	whole	0.01	10	13	0	0
carbofuran	whole	0.01	0.2	13	0	0
chlorantraniliprole	whole	0.01	0.01	13	0	0
chlorfenapyr	whole	0.01	not set	13	–	0
chlorfenvinphos (sum of isomers)	whole	0.01	0.05	13	0	0
chlorpyrifos	whole	0.01	0.1	13	0	0
chlorpyrifos-methyl	whole	0.01	20	13	0	0
clofentezine	whole	0.01	not set	13	–	0
clothianidin	whole	0.01	not set	13	–	0
cyfluthrin (sum of isomers)	whole	0.01	5	13	0	0
cyhalothrin (sum of isomers)	whole	0.01	0.05	13	0	0
cypermethrin (sum of isomers)	whole	0.01	0.2	13	0	0
deltamethrin	whole	0.01	5	13	0	0
diafenthiuron	whole	0.01	not set	13	–	0
diazinon	whole	0.01	0.1	13	0	0
dichlorvos	whole	0.01	0.01	13	0	0
dicofol	whole	0.01	not set	13	–	0
diflubenzuron	whole	0.01	not set	13	–	0
dimethoate	whole	0.01	1	13	0	0
disulfoton	whole	0.01	not set	13	–	0
esfenvalerate	whole	0.01	5	13	0	0
ethion	whole	0.01	not set	13	–	0
ethoprophos	whole	0.005	0.005	13	0	0
etoxazole	whole	0.01	not set	13	–	0
fenamiphos	whole	0.01	not set	13	–	0
fenbutatin oxide	whole	0.01	not set	13	–	0
fenitrothion	whole	0.01	20	13	0	0
fenoxycarb	whole	0.01	not set	13	–	0
fenpyroximate	whole	0.01	not set	13	–	0
fenthion	whole	0.01	not set	13	–	0
fenvalerate (sum of isomers)	whole	0.01	5	13	0	0
flupyrifamid	whole	0.002	not set	13	–	0
hexythiazox	whole	0.01	not set	13	–	0
imidacloprid	whole	0.01	0.05	13	0	0

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Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
indoxacarb	whole	0.01	not set	13	–	0
malathion (maldison)	whole	0.01	20	13	0	0
methacrifos	whole	0.01	not set	13	–	0
methamidophos	whole	0.01	not set	13	–	0
methidathion	whole	0.01	0.01	13	0	0
methiocarb	whole	0.01	not set	13	–	0
methomyl	whole	0.01	0.1	13	0	0
methoprene	whole	0.01	5	13	0	0
methoxychlor	whole	0.01	not set	13	–	0
methoxyfenozide	whole	0.01	not set	13	–	0
mevinphos	whole	0.01	not set	13	–	0
monocrotophos	whole	0.01	not set	13	–	0
omethoate	whole	0.01	0.05	13	0	0
parathion	whole	0.01	not set	13	–	0
parathion-methyl	whole	0.01	not set	13	–	0
permethrin (sum of isomers)	whole	0.01	5	13	0	0
phenothrin (sum of isomers)	whole	0.01	5	13	0	0
phorate	whole	0.01	not set	13	–	0
phosmet	whole	0.01	0.05	13	0	0
piperonyl butoxide	whole	0.01	40	13	0	0
pirimicarb	whole	0.01	0.02	13	0	0
pirimiphos-methyl	whole	0.01	20	13	0	0
profenofos	whole	0.01	not set	13	–	0
propargite	whole	0.01	not set	13	–	0
prothiofos	whole	0.01	not set	13	–	0
pymetrozine	whole	0.01	not set	13	–	0
pyrethrins	whole	0.01	3	13	0	0
pyriproxyfen	whole	0.01	not set	13	–	0
spinetoram	whole	0.01	not set	13	–	0
spinosad	whole	0.01	1	13	0	0
spirotetramat	whole	0.01	not set	13	–	0
sulfoxaflor	whole	0.01	0.01	13	0	0
tau-fluvalinate	whole	0.01	not set	13	–	0
tebufenozide	whole	0.01	not set	13	–	0
tebufenpyrad	whole	0.01	not set	13	–	0
terbufos	whole	0.01	0.01	13	0	0
tetradifon	whole	0.01	not set	13	–	0
thiacloprid	whole	0.01	not set	13	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
thiamethoxam	whole	0.01	0.01	13	0	0
thiodicarb	whole	0.01	not set	13	–	0
triazofos	whole	0.01	not set	13	–	0
trichlorfon	whole	0.01	0.1	13	0	0
triflumuron	whole	0.01	0.05	13	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	13	0	0
chlordane	whole	0.01	0.02	13	0	0
DDT	whole	0.01	0.1	13	0	0
endosulfan	whole	0.01	not set	13	–	0
endrin	whole	0.01	not set	13	–	0
HCB (hexachlorobenzene)	whole	0.01	0.05	13	0	0
HCH (BHC)	whole	0.01	0.1	13	0	0
heptachlor	whole	0.01	0.02	13	0	0
lindane (gamma-HCH)	whole	0.01	0.5	13	0	0
mirex	whole	0.01	not set	13	–	0