Australian Government
Department of Agriculture and Water Resources

Oat 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.

Disclaimer

Table 1 Fungicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
azoxystrobin	whole	0.01	0.1	161	0	0
benalaxyl	whole	0.01	not set	160	0	0
benomyl	whole	0.01	not set	2	0	0
bitertanol	whole	0.01	not set	160	0	0
boscalid	whole	0.01	0.5	160	0	0
bupirimate	whole	0.01	not set	160	0	0
captafol	whole	0.02	not set	161	0	0
captan	whole	0.02	not set	161	0	0
carbendazim	whole	0.01	not set	161	0	0
chlorothalonil	whole	0.01	not set	161	0	0
cyproconazole	whole	0.01	not set	161	0	0
cyprodinil	whole	0.01	not set	160	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
difenoconazole	whole	0.01	0.01	161	0	0
dimethomorph	whole	0.01	not set	160	0	0
dithianon	whole	0.01	not set	160	0	0
dodine	whole	0.01	not set	160	0	0
epoxiconazole	whole	0.01	0.05	161	0	0
etridiazole	whole	0.01	not set	161	0	0
fenarimol	whole	0.01	not set	160	0	0
fenhexamid	whole	0.01	not set	160	0	0
fluazinam	whole	0.01	not set	160	0	0
fludioxonil	whole	0.01	not set	160	0	0
fluquinconazole	whole	0.01	not set	161	0	0
flusilazole	whole	0.01	not set	160	0	0
flutriafol	whole	0.01	0.02	161	0	1
fluxapyroxad	whole	0.01	0.1	161	0	0
hexaconazole	whole	0.01	not set	161	0	0
imazalil	whole	0.01	not set	160	0	0
ipconazole	whole	0.01	0.01	161	0	0
iprodione	whole	0.01	not set	161	0	1
kresoxim-methyl	whole	0.01	not set	160	0	0
metalaxyl	whole	0.01	0.01	160	0	0
myclobutanil	whole	0.01	not set	160	0	0
oxadixyl	whole	0.01	not set	160	0	0
penconazole	whole	0.01	not set	161	0	0
prochloraz	whole	0.01	not set	160	0	0
procymidone	whole	0.01	not set	161	0	0
propiconazole	whole	0.01	0.05	161	0	0
prothioconazole	whole	0.01	0.3	161	0	0
pyraclostrobin	whole	0.01	0.01	161	0	0
pyrimethanil	whole	0.01	not set	160	0	0
spiroxamine	whole	0.01	not set	160	0	0
tebuconazole	whole	0.01	0.2	161	0	0
thiabendazole	whole	0.01	not set	161	0	0
tolclofos methyl	whole	0.01	not set	160	0	0
triadimefon	whole	0.01	0.5	161	0	0
triadimenol	whole	0.01	0.01	161	0	0
trifloxystrobin	whole	0.01	not set	160	0	0
triticonazole	whole	0.01	0.05	161	0	0
vinclozolin	whole	0.01	not set	160	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	160	0	0
2,4-D	whole	0.01	0.2	161	0	0
amitrole	whole	0.01	0.01	42	0	0
atrazine	whole	0.01	not set	161	0	0
bromacil	whole	0.01	not set	160	0	0
bromoxynil	whole	0.01	0.2	161	0	0
carfentrazone-ethyl	whole	0.01	0.05	161	0	0
chlorpropham	whole	0.01	not set	160	0	0
chlorsulfuron	whole	0.01	0.05	161	0	0
chlorthal-dimethyl	whole	0.01	not set	160	0	0
clethodim	whole	0.01	not set	161	0	0
clodinafop-propargyl	whole	0.01	not set	161	0	0
clopyralid	whole	0.01	2	161	0	0
cyanazine	whole	0.01	0.01	160	0	0
dicamba	whole	0.01	0.05	161	0	0
dichlobenil	whole	0.01	not set	160	0	0
dichlorprop-P	whole	0.01	not set	160	0	0
diclofop-methyl	whole	0.01	0.1	42	0	0
diflufenican	whole	0.01	0.05	161	0	0
diquat	whole	0.01	5	42	0	0
diuron	whole	0.01	0.1	161	0	0
ethofumesate	whole	0.01	not set	160	0	0
fenoxaprop-ethyl	whole	0.01	not set	42	0	0
flamprop-M-methyl	whole	0.01	not set	42	0	0
fluazifop-p-butyl	whole	0.01	not set	42	0	0
flumetsulam	whole	0.01	0.05	10	0	0
glufosinate	whole	0.01	not set	42	0	0
glyphosate	whole	0.01	0.1	42	4	1
haloxyfop	whole	0.01	not set	42	0	0
imazamox	whole	0.01	not set	161	0	0
imazapic	whole	0.01	not set	161	0	0
imazapyr	whole	0.01	not set	161	0	0
imazaquin	whole	0.01	not set	161	0	0
imazethapyr	whole	0.01	not set	161	0	0
iodosulfuron-methyl	whole	0.01	not set	161	0	0
ioxynil	whole	0.01	not set	160	0	0
isoxaben	whole	0.01	not set	160	0	0
linuron	whole	0.01	0.05	160	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
MCPA	whole	0.01	0.02	161	0	0
methabenthiazuron	whole	0.01	not set	160	0	0
metolachlor	whole	0.01	0.02	161	0	0
metosulam	whole	0.01	0.02	161	0	0
metribuzin	whole	0.01	0.05	160	0	0
metsulfuron-methyl	whole	0.01	0.02	161	0	0
napropamide	whole	0.01	not set	160	0	0
norflurazon	whole	0.01	not set	160	0	0
oryzalin	whole	0.01	0.01	160	0	0
oxyfluorfen	whole	0.01	0.05	160	0	0
paraquat	whole	0.01	0.05	42	0	0
pendimethalin	whole	0.01	not set	161	0	0
picloram	whole	0.01	0.2	161	0	0
propachlor	whole	0.01	0.05	160	0	0
quizalofop-ethyl	whole	0.01	not set	40	0	0
quizalofop-P-tefuryl	whole	0.01	not set	40	0	0
sethoxydim	whole	0.01	not set	161	0	0
simazine	whole	0.01	not set	161	0	0
tralkoxydim	whole	0.01	0.02	161	0	0
triasulfuron	whole	0.01	0.02	161	0	0
triclopyr	whole	0.01	not set	161	0	0
trifluralin	whole	0.01	0.05	161	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	160	0	0
acephate	whole	0.01	not set	160	0	0
acetamiprid	whole	0.01	not set	161	0	0
aldicarb	whole	0.01	not set	160	0	0
amitraz	whole	0.01	not set	161	0	0
azamethiphos	whole	0.01	0.1	161	0	0
azinphos-methyl	whole	0.01	not set	160	0	0
bifenazate	whole	0.01	not set	160	0	0
bifenthrin	whole	0.01	0.02	161	0	0
bioresmethrin	whole	0.01	not set	161	0	0
buprofezin	whole	0.01	not set	160	0	0
cadusafos	whole	0.01	not set	160	0	0
carbaryl	whole	0.01	5	161	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
carbofuran	whole	0.01	not set	160	0	0
chlorantraniliprole	whole	0.01	0.01	160	0	0
chlorfenapyr	whole	0.01	not set	161	0	0
chlorfenvinphos	whole	0.01	not set	161	0	0
chlorpyrifos	whole	0.01	0.1	161	0	0
chlorpyrifos-methyl	whole	0.01	10	161	0	0
clofentezine	whole	0.01	not set	160	0	0
clothianidin	whole	0.01	not set	160	0	0
cyfluthrin	whole	0.01	2	161	0	0
cyhalothrin	whole	0.01	0.01	161	0	0
cypermethrin	whole	0.01	1	161	0	0
deltamethrin	whole	0.01	2	161	0	0
diafenthiuron	whole	0.01	not set	161	0	0
diazinon	whole	0.01	0.1	161	0	0
dichlorvos	whole	0.01	5	161	0	0
dicofol	whole	0.01	not set	161	0	0
diflubenzuron	whole	0.01	2	161	0	0
dimethoate	whole	0.01	0.05	161	0	0
disulfoton	whole	0.01	not set	160	0	0
emamectin	whole	0.01	not set	161	0	0
endosulfan	whole	0.01	not set	161	0	0
esfenvalerate	whole	0.01	2	161	0	0
ethion	whole	0.01	not set	161	0	0
ethoprophos	whole	0.005	0.005	161	0	0
etoxazole	whole	0.01	not set	160	0	0
fenamiphos	whole	0.01	not set	160	0	0
fenbutatin oxide	whole	0.01	not set	160	0	0
fenitrothion	whole	0.01	10	161	0	0
fenoxycarb	whole	0.01	not set	160	0	0
fenpyroximate	whole	0.01	not set	160	0	0
fenthion	whole	0.01	not set	160	0	0
fenvalerate	whole	0.01	2	161	0	0
fipronil	whole	0.005	not set	161	0	0
hexythiazox	whole	0.01	not set	160	0	0
imidacloprid	whole	0.01	0.05	161	0	0
indoxacarb	whole	0.01	not set	161	0	0
malathion (maldison)	whole	0.01	8	161	0	0
methacrifos	whole	0.01	not set	161	0	0
methamidophos	whole	0.01	not set	160	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
methidathion	whole	0.01	0.01	161	0	0
methiocarb	whole	0.01	not set	160	0	0
methomyl	whole	0.01	0.1	161	0	0
methoprene	whole	0.01	2	161	0	0
methoxychlor	whole	0.01	not set	161	0	0
methoxyfenozide	whole	0.01	not set	160	0	0
mevinphos	whole	0.01	not set	160	0	0
monocrotophos	whole	0.01	not set	160	0	0
omethoate	whole	0.01	0.05	161	0	0
parathion	whole	0.01	not set	160	0	0
parathion-methyl	whole	0.01	not set	160	0	0
permethrin	whole	0.01	2	161	0	0
phenothrin	whole	0.01	not set	161	0	0
phorate	whole	0.01	not set	160	0	0
phosmet	whole	0.01	0.05	161	0	0
piperonyl butoxide	whole	0.01	20	161	0	0
pirimicarb	whole	0.01	0.02	161	0	0
pirimiphos-methyl	whole	0.01	7	161	0	0
profenofos	whole	0.01	not set	161	0	0
propargite	whole	0.01	not set	160	0	0
prothiofos	whole	0.01	not set	160	0	0
pymetrozine	whole	0.01	not set	160	0	0
pyrethrins	whole	0.01	3	160	0	0
pyriproxyfen	whole	0.01	not set	161	0	0
spinetoram	whole	0.01	not set	160	0	0
spinosad	whole	0.01	1	161	0	0
spirotetramat	whole	0.01	not set	160	0	0
sulfoxaflor	whole	0.01	0.01	65	0	0
tau-fluvalinate	whole	0.01	not set	160	0	0
tebufenozide	whole	0.01	not set	160	0	0
tebufenpyrad	whole	0.01	not set	160	0	0
terbufos	whole	0.01	0.01	161	0	0
tetradifon	whole	0.01	not set	160	0	0
thiacloprid	whole	0.01	not set	160	0	0
thiamethoxam	whole	0.01	0.01	160	0	0
thiodicarb	whole	0.01	not set	161	0	0
triazofos	whole	0.01	not set	160	0	0
trichlorfon	whole	0.01	0.1	161	0	0
triflumuron	whole	0.01	0.05	161	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	161	0	0
arsenic	whole	0.05	1	10	0	0
cadmium	whole	0.01	No Limit	10	0	0
chlordane	whole	0.01	0.02	161	0	0
copper	whole	0.05	No Limit	10	0	0
DDT	whole	0.01	0.1	161	0	0
endrin	whole	0.01	not set	161	0	0
HCB (hexachlorobenzene)	whole	0.01	0.05	161	0	0
HCH (or BHC)	whole	0.01	0.1	161	0	0
heptachlor	whole	0.01	0.02	161	0	0
lead	whole	0.01	0.2	10	0	0
lindane (gamma-HCH)	whole	0.01	0.5	161	0	0
mercury	whole	0.01	No Limit	10	0	0
mirex	whole	0.01	not set	161	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