Rye 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	2	–	0
chlordane	whole	0.01	0.02	2	0	0
DDT	whole	0.01	0.1	2	0	0
endosulfan	whole	0.01	not set	2	–	0
endrin	whole	0.01	not set	2	–	0
HCB (hexachlorobenzene)	whole	0.01	0.05	2	0	0
HCH (BHC)	whole	0.01	0.1	2	0	0
heptachlor	whole	0.01	0.02	2	0	0
lindane (gamma-HCH)	whole	0.01	0.5	2	0	0
mirex	whole	0.01	not set	2	–	0

Table 2: FUNGICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
azoxystrobin	whole	0.01	0.1	2	0	0

benalaxyl	whole	0.01	not set	2	–	0
bitertanol	whole	0.01	not set	2	–	0
bixafen-P	whole	0.01	0.01	2	0	0
boscalid	whole	0.01	0.5	2	0	0
bupirimate	whole	0.01	not set	2	–	0
captafol	whole	0.02	not set	2	–	0
captan	whole	0.01	not set	2	–	0
carbendazim	whole	0.01	not set	2	–	0
carboxin	whole	0.01	0.1	2	0	0
chlorothalonil	whole	0.01	not set	2	–	0
cyproconazole	whole	0.01	0.02	2	0	0
cyprodinil	whole	0.01	not set	2	–	0
difenoconazole	whole	0.01	0.01	2	0	0
dimethomorph (sum of E and Z isomers)	whole	0.01	not set	2	–	0
dithianon	whole	0.01	not set	2	–	0
dodine	whole	0.01	not set	2	–	0
epoxiconazole	whole	0.01	0.05	2	0	0
etridiazole	whole	0.01	not set	2	–	0
fenarimol	whole	0.01	not set	2	–	0
fenbuconazole	whole	0.01	not set	2	–	0
fenhexamid	whole	0.01	not set	2	–	0
fluazinam	whole	0.01	not set	2	–	0
fludioxonil	whole	0.01	not set	2	–	0
fluquinconazole	whole	0.01	not set	2	–	0
flusilazole	whole	0.01	not set	2	–	0
flutriafol	whole	0.01	0.1	2	0	0
fluxapyroxad	whole	0.01	0.1	2	0	0
hexaconazole	whole	0.01	not set	2	–	0
imazalil	whole	0.01	not set	2	–	0
ipconazole	whole	0.01	0.01	2	0	0
iprodione	whole	0.01	not set	2	–	0
isoprothiolane	whole	0.01	not set	2	–	0
kresoxim-methyl	whole	0.01	not set	2	–	0
metalaxyl	whole	0.01	0.01	2	0	0
myclobutanil	whole	0.01	not set	2	–	0
oxadixyl	whole	0.01	not set	2	–	0
penconazole	whole	0.01	not set	2	–	0
penflufen	whole	0.01	0.01	2	0	0
prochloraz	whole	0.01	not set	2	–	0

procymidone	whole	0.01	not set	2	–	0
propiconazole	whole	0.01	0.05	2	0	0
prothioconazole	whole	0.01	0.3	2	0	0
pyraclostrobin-P	whole	0.01	0.01	2	0	0
pyrimethanil	whole	0.01	not set	2	–	0
quinoxyfen	whole	0.01	not set	2	–	0
sedaxane	whole	0.01	0.01	2	0	0
spiroxamine-P	whole	0.01	not set	2	–	0
tebuconazole	whole	0.01	0.2	2	0	0
thiabendazole-P	whole	0.01	not set	2	–	0
tolclofos methyl	whole	0.01	not set	2	–	0
triadimefon	whole	0.01	0.5	2	0	0
triadimenol	whole	0.01	0.01	2	0	0
trifloxystrobin	whole	0.01	not set	2	–	0
triticonazole	whole	0.01	0.05	2	0	0
vinclozolin	whole	0.01	not set	2	–	0

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	2	0	0
2,4-D	whole	0.01	0.2	2	0	0
2,4-DB	whole	0.01	0.02	2	0	0
acifluorfen	whole	0.01	not set	2	–	0
ametryn	whole	0.01	not set	2	–	0
aminopyralid	whole	0.01	0.1	2	0	0
amitrole	whole	0.01	0.01	1	0	0
atrazine	whole	0.01	not set	2	–	0
bentazone	whole	0.01	not set	2	–	0
bicyclopyrone	whole	0.01	not set	2	–	0
bromacil	whole	0.01	not set	2	–	0
bromoxynil	whole	0.01	0.2	2	0	0
butroxydim	whole	0.01	not set	2	–	0
carfentrazone-ethyl	whole	0.01	0.05	2	0	0
chlormequat	whole	0.01	not set	1	–	0
chlorpropham	whole	0.01	not set	2	–	0
chlorsulfuron	whole	0.01	0.05	2	0	0
chlorthal-dimethyl	whole	0.01	not set	2	–	0

clethodim	whole	0.01	not set	2	–	0
clodinafop acid	whole	0.01	not set	2	–	0
clodinafop-propargyl	whole	0.01	not set	2	–	0
clomazone	whole	0.01	not set	2	–	0
clopyralid	whole	0.01	2	2	0	0
cloquintocet-mexyl	whole	0.01	0.1	2	0	0
cyanazine	whole	0.01	0.01	2	–	0
dicamba	whole	0.01	0.05	2	0	0
dichlobenil	whole	0.01	not set	2	–	0
dichlorprop-P	whole	0.01	not set	1	–	0
diclofop-methyl	whole	0.01	0.1	1	–	0
diflufenican	whole	0.01	0.05	2	0	0
dimethenamid-P	whole	0.01	not set	2	–	0
diquat	whole	0.01	2	1	0	0
diuron	whole	0.01	0.1	2	0	0
EPTC	whole	0.01	0.04	2	0	0
ethofumesate	whole	0.01	not set	2	–	0
fenoxaprop-ethyl	whole	0.01	0.01	2	0	0
flamprop-M-methyl	whole	0.01	not set	1	–	0
florasulam	whole	0.01	0.01	2	0	0
fluazifop-p-butyl	whole	0.01	not set	1	–	0
flumetsulam	whole	0.01	0.05	2	0	0
flumioxazin	whole	0.01	0.05	2	0	0
fluroxypyr	whole	0.01	0.2	2	0	0
glufosinate	whole	0.01	0.1	1	–	0
glyphosate	whole	0.01	0.1	1	0	0
halauxifen-methyl-P	whole	0.01	0.01	2	0	0
halosulfuron-methyl	whole	0.01	not set	2	–	0
haloxyfop	whole	0.01	not set	1	–	0
iodosulfuron-methyl	whole	0.01	not set	2	–	0
ioxynil	whole	0.01	not set	2	–	0
isoxaben	whole	0.01	not set	2	–	0
isoxaflutole	whole	0.01	0.02	2	0	0
linuron	whole	0.01	0.05	2	0	0
MCPA	whole	0.01	0.02	2	0	0
MCPB	whole	0.01	0.02	2	0	0
mefenpyr-diethyl-P	whole	0.01	0.01	2	0	0
metazachlor-P	whole	0.01	0.03	2	0	0
methabenzthiazuron	whole	0.01	not set	2	–	0

metolachlor	whole	0.01	0.02	2	0	0
metosulam	whole	0.01	0.02	2	0	0
metribuzin	whole	0.01	0.05	2	0	0
metsulfuron-methyl	whole	0.01	0.02	2	0	0
napropamide	whole	0.01	not set	2	–	0
norflurazon	whole	0.01	not set	2	–	0
oryzalin	whole	0.01	0.01	2	0	0
oxyfluorfen	whole	0.01	0.05	2	0	0
paraquat	whole	0.01	0.05	1	0	0
pendimethalin	whole	0.01	not set	2	–	0
picloram	whole	0.01	0.2	2	0	0
picolinafen-P	whole	0.01	0.02	2	0	0
pinoxaden (parent)	whole	0.01	not set	2	–	0
prometryn	whole	0.01	0.1	2	0	0
propachlor	whole	0.01	0.05	2	0	0
propaquizafop	whole	0.01	not set	1	–	0
propyzamide	whole	0.01	not set	2	–	0
prosulfocarb	whole	0.01	not set	2	–	0
pyraflufen-ethyl	whole	0.01	0.02	2	0	0
pyrasulfotole	whole	0.01	0.02	2	0	0
pyroxasulfone-P	whole	0.01	0.01	2	0	0
pyroxsulam	whole	0.01	not set	2	–	0
quizalofop-ethyl	whole	0.01	not set	1	–	0
quizalofop-P-tefuryl	whole	0.01	not set	1	–	0
saflufenacil-P	whole	0.01	0.2	2	0	0
sethoxydim	whole	0.01	not set	2	–	0
simazine	whole	0.01	not set	2	–	0
sulfosulfuron	whole	0.01	not set	2	–	0
terbuthylazine	whole	0.01	0.01	2	0	0
terbutryn	whole	0.01	0.1	2	0	0
tralkoxydim	whole	0.01	0.02	2	0	0
triallate	whole	0.01	0.05	2	0	0
triasulfuron	whole	0.01	0.02	2	0	0
tribenuron-methyl	whole	0.01	not set	2	–	0
triclopyr	whole	0.01	not set	2	–	0
trifluralin	whole	0.01	0.05	2	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	2	0	0
acephate	whole	0.01	not set	2	–	0
acetamiprid-P	whole	0.01	not set	2	–	0
aldicarb	whole	0.01	not set	2	–	0
amitraz	whole	0.01	not set	2	–	0
azamethiphos	whole	0.01	0.1	2	0	0
azinphos-methyl	whole	0.01	not set	2	–	0
bifenazate	whole	0.01	not set	2	–	0
bifenthrin	whole	0.01	0.02	2	0	0
bioresmethrin	whole	0.01	not set	2	–	0
buprofezin	whole	0.01	0.01	2	0	0
cadusafos	whole	0.01	not set	2	–	0
carbaryl	whole	0.01	5	2	0	0
carbofuran	whole	0.01	not set	2	–	0
chlorantraniliprole	whole	0.01	0.1	2	0	0
chlorfenapyr	whole	0.01	not set	2	–	0
chlorfenvinphos (sum of isomers)	whole	0.01	not set	2	–	0
chlorpyrifos	whole	0.01	0.1	2	0	0
chlorpyrifos-methyl	whole	0.01	10	2	0	0
clofentezine	whole	0.01	not set	2	–	0
clothianidin	whole	0.01	0.02	2	0	0
cyantraniliprole	whole	0.01	0.05	2	0	0
cyfluthrin (sum of isomers)	whole	0.01	not set	2	–	0
cyhalothrin (sum of isomers)	whole	0.01	0.01	2	0	0
cypermethrin (sum of isomers)	whole	0.01	1	2	0	0
deltamethrin	whole	0.01	2	2	0	0
diafenthiuron	whole	0.01	not set	2	–	0
diazinon	whole	0.01	0.1	2	0	0
dichlorvos	whole	0.01	0.01	2	0	0
dicofol	whole	0.01	not set	2	–	0
diflubenzuron	whole	0.01	not set	2	–	0
dimethoate	whole	0.01	0.5	2	0	0
disulfoton	whole	0.01	not set	2	–	0
emamectin	whole	0.01	0.01	2	0	0
ethion	whole	0.01	not set	2	–	0
ethoprophos	whole	0.005	not set	2	–	0

etoxazole	whole	0.01	not set	2	–	0
fenamiphos	whole	0.01	not set	2	–	0
fenbutatin oxide	whole	0.01	not set	2	–	0
fenitrothion	whole	0.01	10	2	0	0
fenoxycarb	whole	0.01	not set	2	–	0
fenpyroximate	whole	0.01	not set	2	–	0
fenthion	whole	0.01	not set	2	–	0
fenvalerate (sum of isomers)	whole	0.01	2	2	0	0
fipronil	whole	0.002	not set	2	–	0
flonicamid-P	whole	0.01	not set	2	–	0
hexythiazox	whole	0.01	not set	2	–	0
imidacloprid	whole	0.01	0.05	2	0	0
indoxacarb	whole	0.01	not set	2	–	0
malathion (maldison)	whole	0.01	8	2	0	0
methacrifos	whole	0.01	not set	2	–	0
methamidophos	whole	0.01	not set	2	–	0
methidathion	whole	0.01	not set	2	–	0
methiocarb	whole	0.01	not set	2	–	0
methomyl	whole	0.01	0.1	2	0	0
methoprene	whole	0.01	2	2	0	0
methoxychlor	whole	0.01	not set	2	–	0
methoxyfenozide	whole	0.01	not set	2	–	0
mevinphos	whole	0.01	not set	2	–	0
monocrotophos	whole	0.01	not set	2	–	0
omethoate	whole	0.01	0.05	2	0	0
parathion	whole	0.01	not set	2	–	0
parathion-methyl	whole	0.01	not set	2	–	0
permethrin (sum of isomers)	whole	0.01	2	2	0	0
phenothrin (sum of isomers)	whole	0.01	not set	2	–	0
phorate	whole	0.01	not set	2	–	0
phosmet	whole	0.01	0.05	2	0	0
piperonyl butoxide	whole	0.01	20	2	0	0
pirimicarb	whole	0.01	0.02	2	0	0
pirimiphos-methyl	whole	0.01	10	2	0	0
profenofos	whole	0.01	not set	2	–	0
propargite	whole	0.01	not set	2	–	0
prothiofos	whole	0.01	not set	2	–	0
pymetrozine	whole	0.01	not set	2	–	0
pyrethrins	whole	0.01	3	2	0	0

pyriproxyfen	whole	0.01	not set	2	–	0
spinetoram	whole	0.01	not set	2	–	0
spinosad	whole	0.01	1	2	0	0
spirotetramat	whole	0.01	not set	2	–	0
sulfoxaflor	whole	0.01	0.01	2	0	0
tau-fluvalinate	whole	0.01	not set	2	–	0
tebufenozide	whole	0.01	not set	2	–	0
tebufenpyrad	whole	0.01	not set	2	–	0
terbufos	whole	0.01	0.01	2	0	0
tetradifon	whole	0.01	not set	2	–	0
thiacloprid	whole	0.01	not set	2	–	0
thiamethoxam	whole	0.01	0.01	2	0	0
thiodicarb	whole	0.01	0.1	2	0	0
triazofos	whole	0.01	not set	2	–	0
trichlorfon	whole	0.01	0.1	2	0	0
triflumuron	whole	0.01	0.05	2	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	2	0	0