Triticale residue testing annual datasets 2015–16

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	not set	6	–	0
benalaxyl	whole	0.01	not set	6	–	0
bitertanol	whole	0.01	not set	6	–	0
boscalid	whole	0.01	0.5	6	0	0
bupirimate	whole	0.01	not set	6	–	0
captafol	whole	0.02	not set	6	–	0
captan	whole	0.02	not set	6	–	0
carbendazim	whole	0.01	not set	6	–	0
chlorothalonil	whole	0.01	not set	6	–	0
cyproconazole	whole	0.01	not set	6	–	0
cyprodinil	whole	0.01	not set	6	–	0
difenoconazole	whole	0.01	not set	6	–	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dimethomorph	whole	0.01	not set	6	–	0
dithianon	whole	0.01	not set	6	–	0
dodine	whole	0.01	not set	6	–	0
epoxiconazole	whole	0.01	0.05	6	0	0
etridiazole	whole	0.01	not set	6	–	0
fenarimol	whole	0.01	not set	6	–	0
fenhexamid	whole	0.01	not set	6	–	0
fluazinam	whole	0.01	not set	6	–	0
fludioxonil	whole	0.01	not set	6	–	0
fluquinconazole	whole	0.01	not set	6	–	0
flusilazole	whole	0.01	not set	6	–	0
flutriafol	whole	0.01	0.02	6	0	0
fluxapyroxad	whole	0.01	0.1	6	0	0
hexaconazole	whole	0.01	not set	6	–	0
imazalil	whole	0.01	not set	6	–	0
ipconazole	whole	0.01	0.01	6	0	0
iprodione	whole	0.01	not set	6	–	0
kresoxim–methyl	whole	0.01	not set	6	–	0
metalaxyl	whole	0.01	0.01	6	0	0
myclobutanil	whole	0.01	not set	6	–	0
oxadixyl	whole	0.01	not set	6	–	0
penconazole	whole	0.01	not set	6	–	0
prochloraz	whole	0.01	not set	6	–	0
procymidone	whole	0.01	not set	6	–	0
propiconazole	whole	0.01	0.05	6	0	0
prothioconazole	whole	0.01	0.3	6	0	0
pyraclostrobin	whole	0.01	0.01	6	0	0
pyrimethanil	whole	0.01	not set	6	–	0
spiroxamine	whole	0.01	not set	6	–	0
tebuconazole	whole	0.01	0.2	6	0	0
thiabendazole	whole	0.01	not set	6	–	0
tolclofos methyl	whole	0.01	not set	6	–	0
triadimefon	whole	0.01	0.5	6	0	0
triadimenol	whole	0.01	0.01	6	0	0
trifloxystrobin	whole	0.01	not set	6	–	0
triticonazole	whole	0.01	0.05	6	0	0
vinclozolin	whole	0.01	not set	6	–	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	6	0	0
2,4–D	whole	0.01	0.2	6	0	0
amitrole	whole	0.01	0.01	1	0	0
atrazine	whole	0.01	not set	6	–	0
bromacil	whole	0.01	not set	6	–	0
bromoxynil	whole	0.01	0.2	6	0	0
carfentrazone–ethyl	whole	0.01	not set	6	–	0
chlorpropham	whole	0.01	not set	6	–	0
chlorsulfuron	whole	0.01	0.05	6	0	0
chlorthal–dimethyl	whole	0.01	not set	6	–	0
clethodim (parent only)	whole	0.01	not set	6	–	0
clodinafop–propargyl	whole	0.01	not set	6	–	0
clopyralid	whole	0.01	2	6	0	0
cyanazine	whole	0.01	0.01	6	0	0
dicamba	whole	0.01	0.05	6	0	0
dichlobenil	whole	0.01	not set	6	–	0
dichlorprop–P	whole	0.01	not set	6	–	0
diclofop–methyl	whole	0.01	0.1	1	0	0
diflufenican	whole	0.01	0.05	6	0	0
diquat	whole	0.01	2	1	0	0
diuron	whole	0.01	0.1	6	0	0
ethofumesate	whole	0.01	not set	6	–	0
fenoxaprop–ethyl	whole	0.01	0.01	1	0	0
flamprop–M–methyl	whole	0.01	0.05	1	0	0
fluazifop–p–butyl	whole	0.01	not set	1	–	0
flumetsulam	whole	0.01	0.05	6	0	0
glufosinate	whole	0.01	not set	1	–	0
glyphosate	whole	0.01	0.1	1	0	0
haloxyfop	whole	0.01	not set	1	–	0
imazamox	whole	0.01	not set	6	–	0
imazapic	whole	0.01	not set	6	–	0
imazapyr	whole	0.01	not set	6	–	0
imazaquin	whole	0.01	not set	6	–	0
imazethapyr	whole	0.01	not set	6	–	0
iodosulfuron–methyl	whole	0.01	not set	6	–	0
ioxynil	whole	0.01	not set	6	–	0
isoxaben	whole	0.01	0.01	6	0	0
linuron	whole	0.01	0.05	6	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	6	0	0
methabenthiazuron	whole	0.01	not set	6	–	0
metolachlor	whole	0.01	0.02	6	0	0
metosulam	whole	0.01	0.02	6	0	0
metribuzin	whole	0.01	0.05	6	0	0
metsulfuron–methyl	whole	0.01	0.02	6	0	0
napropamide	whole	0.01	not set	6	–	0
norflurazon	whole	0.01	not set	6	–	0
oryzalin	whole	0.01	0.01	6	0	0
oxyfluorfen	whole	0.01	0.05	6	0	0
paraquat	whole	0.01	0.05	1	0	0
pendimethalin	whole	0.01	not set	6	–	0
picloram	whole	0.01	0.2	6	0	0
propachlor	whole	0.01	0.05	6	0	0
propyzamide	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	whole	0.01	0.03	2	0	0
sethoxydim	whole	0.01	not set	6	–	0
simazine	whole	0.01	not set	6	–	0
tralkoxydim	whole	0.01	0.02	6	0	0
triasulfuron	whole	0.01	0.02	6	0	0
triclopyr	whole	0.01	not set	6	–	0
trifluralin	whole	0.01	0.05	6	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	6	–	0
acephate	whole	0.01	not set	6	–	0
acetamiprid	whole	0.01	not set	6	–	0
aldicarb	whole	0.01	not set	6	–	0
amitraz	whole	0.01	not set	6	–	0
azamethiphos	whole	0.01	0.1	6	0	0
azinphos–methyl	whole	0.01	not set	6	–	0
bifenazate	whole	0.01	not set	6	–	0
bifenthrin	whole	0.01	0.02	6	0	0
bioresmethrin	whole	0.01	not set	6	–	0
buprofezin	whole	0.01	not set	6	–	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
cadusafos	whole	0.01	not set	6	–	0
carbaryl	whole	0.01	5	6	0	0
carbofuran	whole	0.01	not set	6	–	0
chlorantraniliprole	whole	0.01	0.01	6	0	0
chlorfenapyr	whole	0.01	not set	6	–	0
chlorfenvinphos	whole	0.01	not set	6	–	0
chlorpyrifos	whole	0.01	0.1	6	0	0
chlorpyrifos–methyl	whole	0.01	10	6	0	0
clofentezine	whole	0.01	not set	6	–	0
clothianidin	whole	0.01	not set	6	–	0
cyfluthrin	whole	0.01	2	6	0	0
cyhalothrin	whole	0.01	0.01	6	0	0
cypermethrin	whole	0.01	1	6	0	0
deltamethrin	whole	0.01	2	6	0	0
diafenthiuron	whole	0.01	not set	6	–	0
diazinon	whole	0.01	0.1	6	0	0
dichlorvos	whole	0.01	0.01	6	0	0
dicofol	whole	0.01	not set	6	–	0
diflubenzuron	whole	0.01	2	6	0	0
dimethoate	whole	0.01	0.05	6	0	0
disulfoton	whole	0.01	not set	6	–	0
emamectin	whole	0.01	not set	6	–	0
endosulfan	whole	0.01	not set	6	–	0
esfenvalerate	whole	0.01	2	6	0	0
ethion	whole	0.01	not set	6	–	0
ethoprophos	whole	0.005	0.005	6	0	0
etoxazole	whole	0.01	not set	6	–	0
fenamiphos	whole	0.01	not set	6	–	0
fenbutatin oxide	whole	0.01	not set	6	–	0
fenitrothion	whole	0.01	10	6	0	0
fenoxycarb	whole	0.01	not set	6	–	0
fenpyroximate	whole	0.01	not set	6	–	0
fenthion	whole	0.01	not set	6	–	0
fenvalerate	whole	0.01	2	6	0	0
fipronil	whole	0.005	not set	6	–	0
hexythiazox	whole	0.01	not set	6	–	0
imidacloprid	whole	0.01	0.05	6	0	0
indoxacarb	whole	0.01	not set	6	–	0
malathion (maldison)	whole	0.01	8	6	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
methacrifos	whole	0.01	not set	6	–	0
methamidophos	whole	0.01	not set	6	–	0
methidathion	whole	0.01	0.01	6	0	0
methiocarb	whole	0.01	not set	6	–	0
methomyl	whole	0.01	0.1	6	0	0
methoprene	whole	0.01	2	6	0	0
methoxychlor	whole	0.01	not set	6	–	0
methoxyfenozide	whole	0.01	not set	6	–	0
mevinphos	whole	0.01	not set	6	–	0
monocrotophos	whole	0.01	not set	6	–	0
omethoate	whole	0.01	0.05	6	0	0
parathion	whole	0.01	not set	6	–	0
parathion–methyl	whole	0.01	not set	6	–	0
permethrin	whole	0.01	2	6	0	0
phenothrin	whole	0.01	not set	6	–	0
phorate	whole	0.01	not set	6	–	0
phosmet	whole	0.01	0.05	6	0	0
piperonyl butoxide	whole	0.01	20	6	0	0
pirimicarb	whole	0.01	0.02	6	0	0
pirimiphos–methyl	whole	0.01	10	6	0	0
profenofos	whole	0.01	not set	6	–	0
propargite	whole	0.01	not set	6	–	0
prothiofos	whole	0.01	not set	6	–	0
pymetrozine	whole	0.01	not set	6	–	0
pyrethrins	whole	0.01	3	6	0	0
pyriproxyfen	whole	0.01	not set	6	–	0
spinetoram	whole	0.01	not set	6	–	0
spinosad	whole	0.01	1	6	0	0
spirotetramat	whole	0.01	not set	6	–	0
sulfoxaflor	whole	0.01	0.01	6	0	0
tau–fluvalinate	whole	0.01	not set	6	–	0
tebufenozide	whole	0.01	not set	6	–	0
tebufenpyrad	whole	0.01	not set	6	–	0
terbufos	whole	0.01	0.01	6	0	0
tetradifon	whole	0.01	not set	6	–	0
thiacloprid	whole	0.01	not set	6	–	0
thiamethoxam	whole	0.01	0.01	6	0	0
thiodicarb	whole	0.01	not set	6	–	0
triazofos	whole	0.01	not set	6	–	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
trichlorfon	whole	0.01	0.1	6	0	0
triflumuron	whole	0.01	0.05	6	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	6	0	0
chlordane	whole	0.01	0.02	6	0	0
DDT	whole	0.01	0.1	6	0	0
endrin	whole	0.01	not set	6	–	0
HCB (hexachlorobenzene)	whole	0.01	0.05	6	0	0
HCH (or BHC)	whole	0.01	0.1	6	0	0
heptachlor	whole	0.01	0.02	6	0	0
lindane (gamma–HCH)	whole	0.01	0.5	6	0	0
mirex	whole	0.01	not set	6	–	0

Table 5 Fumigants

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
phosphine total	whole	0.005	0.1	1	0	0