



Canola residue testing annual datasets 2019–20

National Residue Survey, Department of Agriculture, Water and the Environment

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

Although the Australian Government has exercised due care and skill in the preparation and compilation of this publication, it does not warrant its accuracy, completeness, currency or suitability for any purpose. To the maximum extent permitted by law, the Australian Government disclaims all liability, including liability in negligence for any loss, damage, cost or expense incurred by persons as a result of accessing, using or relying on any of the information or data set out in this publication. Before relying on the material in any matters, users should carefully evaluate its accuracy, currency, completeness and relevance for the purposes intended, and should obtain any appropriate professional advice relevant to their particular circumstances.

Table 1 Fungicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
azoxystrobin	whole	0.01	0.01	395	0	0
benalaxyl	whole	0.01	not set	395	–	0
bitertanol	whole	0.01	not set	395	–	0
bixafen	whole	0.01	0.01	395	0	0
boscalid	whole	0.01	0.5	395	0	0
bupirimate	whole	0.01	not set	395	–	0
captafol	whole	0.02	not set	395	–	0
captan	whole	0.01	not set	395	–	0
carbendazim	whole	0.01	not set	395	–	0
carboxin	whole	0.01	not set	395	–	0

Canola residue testing annual datasets 2019–20

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
chlorothalonil	whole	0.01	not set	395	–	0
cyproconazole	whole	0.01	0.02	395	0	0
cyprodinil	whole	0.01	not set	395	–	0
difenoconazole	whole	0.01	not set	395	–	0
dimethomorph (sum of E and Z isomers)	whole	0.01	not set	395	–	0
dithianon	whole	0.01	not set	395	–	0
dodine	whole	0.01	not set	395	–	0
epoxiconazole	whole	0.01	not set	395	–	0
etridiazole	whole	0.01	not set	395	–	0
fenarimol	whole	0.01	not set	395	–	0
fenbuconazole	whole	0.01	not set	395	–	0
fenhexamid	whole	0.01	not set	395	–	0
fluazinam	whole	0.01	not set	395	–	0
fludioxonil	whole	0.01	0.2	395	0	0
fluquinconazole	whole	0.01	0.01	395	0	1
flusilazole	whole	0.01	not set	395	–	0
flutriafol	whole	0.01	0.07	395	2	2
fluxapyroxad	whole	0.01	0.1	395	0	0
hexaconazole	whole	0.01	not set	395	–	0
imazalil	whole	0.01	not set	395	–	0
ipconazole	whole	0.01	not set	395	–	0
iprodione	whole	0.01	0.5	395	0	0
isoprothiolane	whole	0.01	not set	395	–	0
kresoxim-methyl	whole	0.01	not set	395	–	0
metalaxyl	whole	0.01	not set	395	–	0
myclobutanil	whole	0.01	not set	395	–	0
oxadixyl	whole	0.01	not set	395	–	0
penconazole	whole	0.01	not set	395	–	0
penflufen	whole	0.01	0.01	395	0	0
prochloraz	whole	0.01	not set	395	–	0
procymidone	whole	0.01	1	395	0	0
propiconazole	whole	0.01	not set	395	–	0
prothioconazole	whole	0.01	0.02	395	0	0
pyraclostrobin	whole	0.01	not set	395	–	0
pyrimethanil	whole	0.01	not set	395	–	0
quinoxifen	whole	0.01	not set	395	–	0
sedaxane	whole	0.01	not set	395	–	0
spiroxamine	whole	0.01	not set	395	–	0
tebuconazole	whole	0.01	0.3	395	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
thiabendazole	whole	0.01	not set	395	–	0
tolclofos methyl	whole	0.01	not set	395	–	0
triadimefon	whole	0.01	not set	395	–	0
triadimenol	whole	0.01	not set	395	–	0
trifloxystrobin	whole	0.01	0.02	395	0	0
triticonazole	whole	0.01	not set	395	–	0
vinclozolin	whole	0.01	not set	395	–	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	not set	395	–	0
2,4-D	whole	0.01	0.05	395	0	0
2,4-DB	whole	0.01	not set	395	–	0
aminopyralid	whole	0.01	not set	395	–	0
amitrole	whole	0.01	0.01	170	0	0
atrazine	whole	0.01	0.02	395	0	0
bentazone	whole	0.01	not set	395	–	0
bromacil	whole	0.01	not set	395	–	0
bromoxynil	whole	0.01	not set	395	–	0
butoxydim	whole	0.01	0.01	395	0	0
carfentrazone-ethyl	whole	0.01	not set	395	–	0
chlormequat	whole	0.01	not set	170	–	0
chlorpropham	whole	0.01	not set	395	–	0
chlorsulfuron	whole	0.01	not set	395	–	0
chlorthal-dimethyl	whole	0.01	not set	395	–	0
clethodim (parent only)	whole	0.01	0.5	395	0	0
clodinafop-propargyl	whole	0.01	not set	395	–	0
clopyralid	whole	0.01	0.5	395	0	0
cyanazine	whole	0.01	not set	395	–	0
dicamba	whole	0.01	not set	395	–	0
dichlobenil	whole	0.01	not set	395	–	0
dichlorprop-P	whole	0.01	not set	170	–	0
diclofop-methyl	whole	0.01	0.1	170	0	0
diflufenican	whole	0.01	not set	395	–	0
diquat	whole	0.01	5	170	0	0
diuron	whole	0.01	0.5	395	0	0
ethofumesate	whole	0.01	not set	395	–	0
fenoxaprop-ethyl	whole	0.01	not set	395	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
flamprop-M-methyl	whole	0.01	not set	170	–	0
fluazifop-p-butyl	whole	0.01	0.5	170	0	0
flumetsulam	whole	0.01	not set	395	–	0
flumioxazin	whole	0.01	0.1	395	0	0
fluroxypyr	whole	0.01	not set	395	–	0
glufosinate	whole	0.01	0.5	170	0	0
glyphosate	whole	0.01	20	170	0	0
haloxyfop	whole	0.01	0.1	170	15	7
imazamox	whole	0.01	0.05	379	0	0
imazapic	whole	0.01	0.05	379	0	0
imazapyr	whole	0.01	0.05	379	0	0
imazaquin	whole	0.01	not set	379	–	0
imazethapyr	whole	0.01	not set	379	–	0
iodosulfuron-methyl	whole	0.01	not set	395	–	0
ioxynil	whole	0.01	not set	395	–	0
isoxaben	whole	0.01	not set	395	–	0
linuron	whole	0.01	not set	395	–	0
MCPA	whole	0.01	not set	395	–	0
methabenzthiazuron	whole	0.01	not set	395	–	0
metolachlor	whole	0.01	0.02	395	1	0
metosulam	whole	0.01	not set	395	–	0
metribuzin	whole	0.01	0.02	395	0	0
metsulfuron-methyl	whole	0.01	not set	395	–	0
napropamide	whole	0.01	0.01	395	0	0
norflurazon	whole	0.01	not set	395	–	0
oryzalin	whole	0.01	0.05	395	0	0
oxyfluorfen	whole	0.01	not set	395	–	0
paraquat	whole	0.01	0.05	170	0	0
pendimethalin	whole	0.01	0.05	395	0	0
picloram	whole	0.01	not set	395	–	0
propachlor	whole	0.01	not set	395	–	0
propaquizafop	whole	0.01	0.05	170	0	0
propyzamide	whole	0.01	0.02	395	0	0
quizalofop-ethyl	whole	0.01	0.02	170	0	0
quizalofop-P-tefuryl	whole	0.01	0.02	170	0	0
saflufenacil	whole	0.01	0.03	395	0	0
sethoxydim	whole	0.01	0.5	395	0	0
simazine	whole	0.01	0.02	395	0	0
terbutryn	whole	0.01	not set	395	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
tralkoxydim	whole	0.01	not set	395	–	0
triallate	whole	0.01	0.1	395	0	0
triasulfuron	whole	0.01	not set	395	–	0
triclopyr	whole	0.01	not set	395	–	0
trifluralin	whole	0.01	0.05	395	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	395	–	0
acephate	whole	0.01	not set	395	–	0
acetamiprid	whole	0.01	not set	395	–	0
aldicarb	whole	0.01	not set	395	–	0
amitraz	whole	0.01	not set	395	–	0
azamethiphos	whole	0.01	not set	395	–	0
azinphos-methyl	whole	0.01	not set	395	–	0
bifenazate	whole	0.01	not set	395	–	0
bifenthrin	whole	0.01	0.02	395	0	0
bioresmethrin	whole	0.01	not set	395	–	0
buprofezin	whole	0.01	not set	395	–	0
cadusafos	whole	0.01	not set	395	–	0
carbaryl	whole	0.01	0.1	395	1	1
carbofuran	whole	0.01	not set	395	–	0
chlorantraniliprole	whole	0.01	0.1	395	0	0
chlorfenapyr	whole	0.01	not set	395	–	0
chlorfenvinphos (sum of isomers)	whole	0.01	not set	395	–	0
chlorpyrifos	whole	0.01	0.01	395	0	0
chlorpyrifos-methyl	whole	0.01	0.15	395	0	0
clofentezine	whole	0.01	not set	395	–	0
clothianidin	whole	0.01	0.01	395	0	0
cyfluthrin (sum of isomers)	whole	0.01	0.05	395	0	0
cyhalothrin (sum of isomers)	whole	0.01	0.02	395	0	0
cypermethrin (sum of isomers)	whole	0.01	0.2	395	0	0
deltamethrin	whole	0.01	0.1	395	0	0
diafenthiuron	whole	0.01	0.01	395	0	0
diazinon	whole	0.01	not set	395	–	0
dichlorvos	whole	0.01	0.01	395	0	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dicofol	whole	0.01	not set	395	–	0
diflubenzuron	whole	0.01	not set	395	–	0
dimethoate	whole	0.01	0.2	395	0	0
disulfoton	whole	0.01	not set	395	–	0
emamectin	whole	0.01	0.01	395	0	0
esfenvalerate	whole	0.01	0.5	395	0	0
ethion	whole	0.01	not set	395	–	0
ethoprophos	whole	0.005	not set	395	–	0
etoxazole	whole	0.01	not set	395	–	0
fenamiphos	whole	0.01	not set	395	–	0
fenbutatin oxide	whole	0.01	not set	395	–	0
fenitrothion	whole	0.01	0.1	395	0	0
fenoxycarb	whole	0.01	not set	395	–	0
fenpyroximate	whole	0.01	not set	395	–	0
fenthion	whole	0.01	not set	395	–	0
fenvalerate (sum of isomers)	whole	0.01	0.5	395	0	0
fipronil	whole	0.002	0.01	395	0	0
hexythiazox	whole	0.01	not set	395	–	0
imidacloprid	whole	0.01	0.05	395	1	0
indoxacarb	whole	0.01	0.05	395	0	0
malathion (maldison)	whole	0.01	10	395	0	0
methacrifos	whole	0.01	not set	395	–	0
methamidophos	whole	0.01	not set	395	–	0
methidathion	whole	0.01	1	395	0	0
methiocarb	whole	0.01	not set	395	–	0
methomyl	whole	0.01	0.5	395	0	0
methoprene	whole	0.01	not set	395	–	0
methoxychlor	whole	0.01	not set	395	–	0
methoxyfenozide	whole	0.01	not set	395	–	0
mevinphos	whole	0.01	not set	395	–	0
monocrotophos	whole	0.01	not set	395	–	0
omethoate	whole	0.01	0.05	395	0	0
parathion	whole	0.01	not set	395	–	0
parathion-methyl	whole	0.01	not set	395	–	0
permethrin (sum of isomers)	whole	0.01	0.2	395	0	0
phenothrin (sum of isomers)	whole	0.01	not set	395	–	0
phorate	whole	0.01	not set	395	–	0
phosmet	whole	0.01	not set	395	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
piperonyl butoxide	whole	0.01	8	395	0	0
pirimicarb	whole	0.01	0.2	395	0	0
pirimiphos-methyl	whole	0.01	not set	395	–	0
profenofos	whole	0.01	not set	395	–	0
propargite	whole	0.01	not set	395	–	0
prothiofos	whole	0.01	not set	395	–	0
pymetrozine	whole	0.01	not set	395	–	0
pyrethrins	whole	0.01	1	395	0	0
pyriproxyfen	whole	0.01	not set	395	–	0
spinetoram	whole	0.01	0.01	395	0	0
spinosad	whole	0.01	not set	395	–	0
spirotetramat	whole	0.01	not set	395	–	0
sulfoxaflor	whole	0.01	0.01	395	0	0
tau-fluvalinate	whole	0.01	not set	395	–	0
tebufenozide	whole	0.01	not set	395	–	0
tebufenpyrad	whole	0.01	not set	395	–	0
terbufos	whole	0.01	not set	395	–	0
tetradifon	whole	0.01	not set	395	–	0
thiacloprid	whole	0.01	not set	395	–	0
thiamethoxam	whole	0.01	0.01	395	0	0
thiodicarb	whole	0.01	not set	395	–	0
triazofos	whole	0.01	not set	395	–	0
trichlorfon	whole	0.01	0.1	395	0	0
triflumuron	whole	0.01	not set	395	–	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	not set	395	–	0
chlordane	whole	0.01	not set	395	–	0
DDT	whole	0.01	not set	395	–	0
endosulfan	whole	0.01	not set	395	–	0
endrin	whole	0.01	not set	395	–	0
HCB (hexachlorobenzene)	whole	0.01	not set	395	–	0
HCH (BHC)	whole	0.01	not set	395	–	0
heptachlor	whole	0.01	not set	395	–	0
lindane (gamma-HCH)	whole	0.01	0.05	395	0	0
mirex	whole	0.01	not set	395	–	0