Australian Government
Department of Agriculture and Water Resources

Canola 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)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
azoxystrobin	whole	0.01	not set	464	0	0
benalaxyl	whole	0.01	not set	457	0	0
benomyl	whole	0.01	not set	2	0	0
bitertanol	whole	0.01	not set	457	0	0
boscalid	whole	0.01	0.5	457	0	0
bupirimate	whole	0.01	not set	457	0	0
captafol	whole	0.02	not set	464	0	0
captan	whole	0.02	not set	464	0	0
carbendazim	whole	0.01	not set	464	0	0
chlorothalonil	whole	0.01	not set	464	0	0
cyproconazole	whole	0.01	not set	464	0	0
cyprodinil	whole	0.01	not set	457	0	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
difenoconazole	whole	0.01	not set	464	0	0
dimethomorph	whole	0.01	not set	457	0	0
dithianon	whole	0.01	not set	457	0	0
dodine	whole	0.01	not set	457	0	0
epoxiconazole	whole	0.01	not set	464	0	0
etridiazole	whole	0.01	not set	464	0	0
fenarimol	whole	0.01	not set	457	0	0
fenhexamid	whole	0.01	not set	457	0	0
fluazinam	whole	0.01	not set	457	0	0
fludioxonil	whole	0.01	0.01	457	0	0
fluquinconazole	whole	0.01	0.01	464	0	1
flusilazole	whole	0.01	not set	457	0	0
flutriafol	whole	0.01	0.02	464	4	2
fluxapyroxad	whole	0.01	0.1	464	0	0
hexaconazole	whole	0.01	not set	464	0	0
imazalil	whole	0.01	not set	457	0	0
ipconazole	whole	0.01	not set	464	0	0
iprodione	whole	0.01	0.5	464	0	0
kresoxim-methyl	whole	0.01	not set	457	0	0
metalaxyl	whole	0.01	not set	457	0	0
myclobutanil	whole	0.01	not set	457	0	0
oxadixyl	whole	0.01	not set	457	0	0
penconazole	whole	0.01	not set	464	0	0
prochloraz	whole	0.01	not set	457	0	0
procymidone	whole	0.01	1	464	0	0
propiconazole	whole	0.01	not set	464	0	0
prothioconazole	whole	0.01	0.02	464	0	0
pyraclostrobin	whole	0.01	not set	464	0	0
pyrimethanil	whole	0.01	not set	457	0	0
spiroxamine	whole	0.01	not set	457	0	0
tebuconazole	whole	0.01	0.3	464	0	0
thiabendazole	whole	0.01	not set	464	0	0
tolclofos methyl	whole	0.01	not set	457	0	0
triadimefon	whole	0.01	not set	464	0	0
triadimenol	whole	0.01	not set	464	0	0
trifloxystrobin	whole	0.01	0.02	457	0	0
triticonazole	whole	0.01	not set	464	0	0
vinclozolin	whole	0.01	not set	457	0	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	457	0	0
2,4-D	whole	0.01	0.05	464	0	0
amitrole	whole	0.01	0.01	120	0	0
atrazine	whole	0.01	0.02	464	0	0
bromacil	whole	0.01	not set	457	0	0
bromoxynil	whole	0.01	not set	464	0	0
carfentrazone-ethyl	whole	0.01	not set	464	0	0
chlorpropham	whole	0.01	not set	457	0	0
chlorsulfuron	whole	0.01	not set	464	0	0
chlorthal-dimethyl	whole	0.01	not set	457	0	0
clethodim	whole	0.01	0.5	464	0	0
clodinafop-propargyl	whole	0.01	not set	464	0	0
clopyralid	whole	0.01	0.5	464	0	0
cyanazine	whole	0.01	not set	457	0	0
dicamba	whole	0.01	not set	464	0	0
dichlobenil	whole	0.01	not set	457	0	0
dichlorprop-P	whole	0.01	not set	457	0	0
diclofop-methyl	whole	0.01	0.1	120	0	0
diflufenican	whole	0.01	not set	464	0	0
diquat	whole	0.01	5	120	0	0
diuron	whole	0.01	0.5	464	0	0
ethofumesate	whole	0.01	not set	457	0	0
fenoxaprop-ethyl	whole	0.01	not set	120	0	0
flamprop-M-methyl	whole	0.01	not set	120	0	0
fluazifop-p-butyl	whole	0.01	0.5	120	0	0
flumetsulam	whole	0.01	not set	50	0	0
glufosinate	whole	0.01	0.05	120	0	0
glyphosate	whole	0.01	20	120	0	0
haloxyfop	whole	0.01	0.1	120	7	7
imazamox	whole	0.01	0.05	464	0	0
imazapic	whole	0.01	0.05	464	0	0
imazapyr	whole	0.01	0.05	464	0	0
imazaquin	whole	0.01	not set	464	0	0
imazethapyr	whole	0.01	not set	464	0	0
iodosulfuron-methyl	whole	0.01	not set	464	0	0
ioxynil	whole	0.01	not set	457	0	0
isoxaben	whole	0.01	not set	457	0	0
linuron	whole	0.01	not set	457	0	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
MCPA	whole	0.01	not set	464	0	0
methabenthiazuron	whole	0.01	not set	457	0	0
metolachlor	whole	0.01	0.02	464	0	0
metosulam	whole	0.01	not set	464	0	0
metribuzin	whole	0.01	0.02	457	0	0
metsulfuron-methyl	whole	0.01	not set	464	0	0
napropamide	whole	0.01	not set	457	0	0
norflurazon	whole	0.01	not set	457	0	0
oryzalin	whole	0.01	0.05	457	0	0
oxyfluorfen	whole	0.01	not set	457	0	0
paraquat	whole	0.01	not set	120	0	0
pendimethalin	whole	0.01	0.05	464	0	0
picloram	whole	0.01	not set	464	0	0
propachlor	whole	0.01	not set	457	0	0
quizalofop-ethyl	whole	0.01	0.02	119	0	0
quizalofop-P-tefuryl	whole	0.01	0.02	119	0	0
sethoxydim	whole	0.01	0.5	464	0	0
simazine	whole	0.01	0.02	464	0	0
tralkoxydim	whole	0.01	not set	464	0	0
triasulfuron	whole	0.01	not set	464	0	0
triclopyr	whole	0.01	not set	464	0	0
trifluralin	whole	0.01	0.05	464	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	457	0	0
acephate	whole	0.01	not set	457	0	0
acetamiprid	whole	0.01	not set	464	0	0
aldicarb	whole	0.01	not set	457	0	0
amitraz	whole	0.01	not set	464	0	0
azamethiphos	whole	0.01	not set	464	0	0
azinphos-methyl	whole	0.01	not set	457	0	0
bifenazate	whole	0.01	not set	457	0	0
bifenthrin	whole	0.01	0.02	464	0	0
bioresmethrin	whole	0.01	not set	464	0	0
buprofezin	whole	0.01	not set	457	0	0
cadusafos	whole	0.01	not set	457	0	0
carbaryl	whole	0.01	0.1	464	0	2

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
carbofuran	whole	0.01	not set	457	0	0
chlorantraniliprole	whole	0.01	0.01	457	0	0
chlorfenapyr	whole	0.01	not set	464	0	0
chlorfenvinphos	whole	0.01	not set	464	0	0
chlorpyrifos	whole	0.01	0.1	464	0	0
chlorpyrifos-methyl	whole	0.01	not set	464	0	1
clofentezine	whole	0.01	not set	457	0	0
clothianidin	whole	0.01	0.01	457	0	0
cyfluthrin	whole	0.01	0.05	464	0	0
cyhalothrin	whole	0.01	0.02	464	0	0
cypermethrin	whole	0.01	0.2	464	0	0
deltamethrin	whole	0.01	0.1	464	0	0
diafenthiuron	whole	0.01	not set	464	0	0
diazinon	whole	0.01	not set	464	0	0
dichlorvos	whole	0.01	0.1	464	0	0
dicofol	whole	0.01	not set	464	0	0
diflubenzuron	whole	0.01	not set	464	0	0
dimethoate	whole	0.01	0.1	464	0	0
disulfoton	whole	0.01	not set	457	0	0
emamectin	whole	0.01	0.01	464	0	0
endosulfan	whole	0.01	not set	464	0	0
esfenvalerate	whole	0.01	0.5	464	0	0
ethion	whole	0.01	not set	464	0	0
ethoprophos	whole	0.005	not set	464	0	0
etoxazole	whole	0.01	not set	457	0	0
fenamiphos	whole	0.01	not set	457	0	0
fenbutatin oxide	whole	0.01	not set	457	0	0
fenitrothion	whole	0.01	0.1	464	0	0
fenoxycarb	whole	0.01	not set	457	0	0
fenpyroximate	whole	0.01	not set	457	0	0
fenthion	whole	0.01	not set	457	0	0
fenvalerate	whole	0.01	0.5	464	0	0
fipronil	whole	0.005	0.01	464	0	0
hexythiazox	whole	0.01	not set	457	0	0
imidacloprid	whole	0.01	0.05	464	1	1
indoxacarb	whole	0.01	0.05	464	0	0
malathion (maldison)	whole	0.01	10	464	0	0
methacrifos	whole	0.01	not set	464	0	0
methamidophos	whole	0.01	0.1	457	0	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
methidathion	whole	0.01	1	464	0	0
methiocarb	whole	0.01	not set	457	0	0
methomyl	whole	0.01	0.5	464	0	0
methoprene	whole	0.01	not set	464	0	0
methoxychlor	whole	0.01	not set	464	0	0
methoxyfenozide	whole	0.01	not set	457	0	0
mevinphos	whole	0.01	not set	457	0	0
monocrotophos	whole	0.01	not set	457	0	0
omethoate	whole	0.01	0.05	464	0	0
parathion	whole	0.01	not set	457	0	0
parathion-methyl	whole	0.01	not set	457	0	0
permethrin	whole	0.01	0.2	464	0	0
phenothrin	whole	0.01	not set	464	0	0
phorate	whole	0.01	not set	457	0	0
phosmet	whole	0.01	not set	464	0	0
piperonyl butoxide	whole	0.01	8	464	0	0
pirimicarb	whole	0.01	0.2	464	0	0
pirimiphos-methyl	whole	0.01	not set	464	0	0
profenofos	whole	0.01	not set	464	0	0
propargite	whole	0.01	not set	457	0	0
prothiofos	whole	0.01	not set	457	0	0
pymetrozine	whole	0.01	not set	457	0	0
pyrethrins	whole	0.01	1	457	0	0
pyriproxyfen	whole	0.01	not set	464	0	0
spinetoram	whole	0.01	0.01	457	0	0
spinosad	whole	0.01	not set	464	0	2
spirotetramat	whole	0.01	not set	457	0	0
sulfoxaflor	whole	0.01	0.01	312	0	0
tau-fluvalinate	whole	0.01	not set	457	0	0
tebufenozide	whole	0.01	not set	457	0	0
tebufenpyrad	whole	0.01	not set	457	0	0
terbufos	whole	0.01	not set	464	0	0
tetradifon	whole	0.01	not set	457	0	0
thiacloprid	whole	0.01	not set	457	0	0
thiamethoxam	whole	0.01	0.01	457	0	0
thiodicarb	whole	0.01	not set	464	0	0
triazofos	whole	0.01	not set	457	0	0
trichlorfon	whole	0.01	0.1	464	0	0
triflumuron	whole	0.01	not set	464	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	not set	464	0	0
arsenic	whole	0.05	no limit	28	0	0
cadmium	whole	0.01	no limit	28	0	0
chlordane	whole	0.01	not set	464	0	0
copper	whole	0.05	no limit	28	0	0
DDT	whole	0.01	not set	464	0	0
endrin	whole	0.01	not set	464	0	0
HCB (hexachlorobenzene)	whole	0.01	not set	464	0	0
HCH (or BHC)	whole	0.01	not set	464	0	0
heptachlor	whole	0.01	not set	464	0	0
lead	whole	0.01	no limit	28	0	0
lindane (gamma-HCH)	whole	0.01	0.05	464	0	0
mercury	whole	0.01	no limit	28	0	0
mirex	whole	0.01	not set	464	0	0

Table 5 Fumigants

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
phosphine total	whole	0.005	0.01	63	0	0