Australian Government

Department of Agriculture, Fisheries and Forestry

Canola residue testing annual datasets 2023-24

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	not set	868	-	-
chlordane	Whole	0.01	not set	868	-	-
DDT	Whole	0.01	not set	868	-	-
endosulfan	Whole	0.01	not set	868	-	-
endrin	Whole	0.01	not set	868	-	-
HCB (hexachlorobenzene)	Whole	0.01	not set	868	-	-
HCH (BHC)	Whole	0.01	not set	868	-	-
heptachlor	Whole	0.01	not set	868	-	-
lindane (gamma-HCH)	Whole	0.01	0.05	868	0	0
mirex	Whole	0.01	not set	868	-	-

Table 2: FUNGICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
azoxystrobin	Whole	0.01	0.01	868	0	0
benalaxyl	Whole	0.01	not set	868	-	-
benzovindiflupyr	Whole	0.01	not set	868	-	-
bitertanol	Whole	0.01	not set	868	-	-
bixafen	Whole	0.01	0.01	868	0	0
boscalid	Whole	0.01	0.5	868	0	0
bupirimate	Whole	0.01	not set	868	-	-
captafol	Whole	0.01	not set	868	-	-
captan	Whole	0.01	not set	868	-	-
carbendazim	Whole	0.01	not set	868	-	-
carboxin	Whole	0.01	not set	868	-	-
carboxin sulfoxide	Whole	0.01	not set	868	-	-
chlorothalonil	Whole	0.01	not set	868	-	-
cyproconazole	Whole	0.01	0.02	868	0	0
cyprodinil	Whole	0.01	not set	868	-	-
difenoconazole	Whole	0.01	not set	868	-	-
dimethomorph	Whole	0.01	not set	868	-	-
dithianon	Whole	0.01	not set	868	-	-
dodine	Whole	0.01	not set	868	-	-
epoxiconazole	Whole	0.01	not set	868	-	-
etridiazole	Whole	0.01	not set	868	-	-
fenarimol	Whole	0.01	not set	868	-	-
fenbuconazole	Whole	0.01	not set	868	-	-
fenhexamid	Whole	0.01	not set	868	-	-
florylpicoxamid	Whole	0.01	not set	576	-	-
fluazinam	Whole	0.01	not set	868	-	-
fludioxonil	Whole	0.01	0.01	868	0	0
fluopicolide	Whole	0.01	0.01	868	0	0
fluopyram	Whole	0.01	0.03	868	0	0
fluquinconazole	Whole	0.01	0.01	868	0	0
flusilazole	Whole	0.01	not set	868	-	-
flutriafol	Whole	0.01	0.07	868	2	0
fluxapyroxad	Whole	0.01	0.2	868	0	0
hexaconazole	Whole	0.01	not set	868	-	-
imazalil	Whole	0.01	not set	868	-	-
ipconazole	Whole	0.01	not set	868	-	-
iprodione	Whole	0.01	0.5	868	0	0
isoprothiolane	Whole	0.01	not set	868	-	-
isopyrazam	Whole	0.01	not set	868	-	-

kresoxim-methyl	Whole	0.01	not set	868	-	-
metalaxyl	Whole	0.01	not set	868	-	-
myclobutanil	Whole	0.01	not set	868	-	-
oxadixyl	Whole	0.01	not set	868	-	-
penconazole	Whole	0.01	not set	868	-	-
penflufen	Whole	0.01	0.01	868	0	0
prochloraz	Whole	0.01	not set	868	-	-
procymidone	Whole	0.01	0.5	868	0	0
propiconazole	Whole	0.01	not set	868	-	-
prothioconazole	Whole	0.01	0.02	868	0	0
pydiflumetofen	Whole	0.01	0.05	868	0	0
pyraclostrobin	Whole	0.01	not set	868	-	-
pyrimethanil	Whole	0.01	not set	868	-	-
quinoxyfen	Whole	0.01	not set	868	-	-
quintozene	Whole	0.01	not set	868	-	-
sedaxane	Whole	0.01	not set	868	-	-
spiroxamine	Whole	0.01	not set	868	-	-
tebuconazole	Whole	0.01	0.3	868	0	0
thiabendazole	Whole	0.01	not set	868	-	-
tolclofos methyl	Whole	0.01	not set	868	-	-
triadimefon	Whole	0.01	not set	868	-	-
triadimenol	Whole	0.01	not set	868	-	-
trifloxystrobin	Whole	0.01	0.02	868	0	0
triticonazole	Whole	0.01	not set	868	-	-
uniconazole-P	Whole	0.01	not set	868	-	-
vinclozolin	Whole	0.01	not set	868	-	-

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	not set	868	-	-
2,4-D	Whole	0.01	0.05	868	0	0
2,4-DB	Whole	0.01	not set	868	-	-
acifluorfen	Whole	0.01	not set	868	-	-
aclonifen	Whole	0.01	not set	576	-	-
ametryn	Whole	0.01	not set	868	-	-
aminopyralid	Whole	0.01	not set	868	-	-
amitrole	Whole	0.01	0.01	244	0	0
atrazine	Whole	0.01	0.02	868	0	0
bentazone	Whole	0.01	not set	868	-	-

bicyclopyrone	Whole	0.01	not set	868	-	-
bixlozone	Whole	0.01	0.01	868	0	0
bromacil	Whole	0.01	not set	868	-	-
bromoxynil	Whole	0.01	not set	868	-	-
butafenacil	Whole	0.01	0.01	868	0	0
butroxydim	Whole	0.01	0.01	868	0	0
carfentrazone-ethyl	Whole	0.01	not set	868	-	-
chlormequat	Whole	0.01	not set	244	-	-
chlorpropham	Whole	0.01	not set	868	-	-
chlorsulfuron	Whole	0.01	not set	868	-	-
chlorthal-dimethyl	Whole	0.01	not set	868	-	-
cinmethylin	Whole	0.01	not set	868	-	-
clethodim	Whole	0.01	0.5	868	0	0
clodinafop acid	Whole	0.01	not set	868	-	-
clodinafop-propargyl	Whole	0.01	not set	868	-	-
clomazone	Whole	0.01	0.01	868	0	0
clopyralid	Whole	0.01	0.5	868	0	0
cloquintocet-mexyl	Whole	0.01	not set	868	-	-
cyanazine	Whole	0.01	not set	868	-	-
dicamba	Whole	0.01	not set	868	-	-
dichlobenil	Whole	0.01	not set	868	-	-
dichlorprop-P	Whole	0.01	not set	244	-	-
diclofop-methyl	Whole	0.01	0.1	244	0	0
diflufenican	Whole	0.01	not set	868	-	-
dimethenamid-P	Whole	0.01	0.01	868	0	0
diquat	Whole	0.01	5	244	0	0
diuron	Whole	0.01	0.5	868	0	0
EPTC	Whole	0.01	0.1	868	0	0
ethofumesate	Whole	0.01	not set	868	-	-
fenoxaprop-ethyl	Whole	0.01	not set	868	-	-
flamprop-M-methyl	Whole	0.01	not set	244	-	-
florasulam	Whole	0.01	not set	868	-	-
florpyrauxifen-benzyl	Whole		not set	868	-	-
fluazifop-p-butyl	Whole	0.01	0.5	244	0	0
flumetsulam	Whole	0.01	not set	868	-	-
flumioxazin	Whole	0.01	0.1	868	0	0
fluroxypyr	Whole	0.01	not set	868	-	-
fomesafen	Whole	0.01	not set	868	-	-
glufosinate	Whole	0.01	0.5	244	0	0
glyphosate	Whole	0.01	20	244	0	0
halauxifen-methyl	Whole	0.01	0.01	868	0	0
halosulfuron-methyl	Whole	0.01	not set	868	-	-

haloxyfop	Whole	0.005	0.1	244	4	7
imazamox	Whole	0.01	0.05	65	0	0
imazapic	Whole	0.01	0.05	65	0	0
imazapyr	Whole	0.01	0.05	65	0	0
imazaquin	Whole	0.01	not set	65	-	-
imazethapyr	Whole	0.01	not set	65	-	-
iodosulfuron-methyl	Whole	0.01	not set	868	-	-
ioxynil	Whole	0.01	not set	868	-	-
isoxaben	Whole	0.01	not set	868	-	-
isoxaflutole	Whole	0.01	not set	868	-	-
linuron	Whole	0.01	not set	868	-	-
MCPA	Whole	0.01	not set	868	-	-
MCPB	Whole	0.01	not set	868	-	-
mefenpyr-diethyl	Whole	0.01	not set	868	-	-
mesotrione	Whole	0.01	not set	868	-	-
metamitron	Whole	0.01	not set	868	-	-
metazachlor	Whole	0.01	0.03	868	0	0
methabenzthiazuron	Whole	0.01	not set	868	-	-
metolachlor	Whole	0.01	0.02	868	0	0
metosulam	Whole	0.01	not set	868	-	-
metribuzin	Whole	0.01	0.02	868	0	0
metsulfuron-methyl	Whole	0.01	not set	868	-	-
napropamide	Whole	0.01	0.01	868	0	0
norflurazon	Whole	0.01	not set	868	-	-
oryzalin	Whole	0.01	0.05	868	0	0
oxyfluorfen	Whole	0.01	not set	868	-	-
paraquat	Whole	0.01	0.05	244	0	0
pendimethalin	Whole	0.01	0.05	868	0	0
picloram	Whole	0.01	not set	868	-	-
picolinafen	Whole	0.01	not set	868	-	-
pinoxaden (parent)	Whole	0.01	not set	868	-	-
prometryn	Whole	0.01	not set	868	-	-
propachlor	Whole	0.01	not set	868	-	-
propaquizafop	Whole	0.01	0.05	244	0	0
propyzamide	Whole	0.01	0.02	868	0	0
prosulfocarb	Whole	0.01	not set	868	-	-
pyraflufen-ethyl	Whole	0.01	not set	868	-	-
pyrasulfotole	Whole	0.01	not set	868	-	-
pyroxasulfone	Whole	0.01	not set	868	-	-
pyroxsulam	Whole	0.01	not set	868	-	-
quizalofop-ethyl	Whole	0.01	0.02	244	0	0
quizalofop-P-tefuryl	Whole	0.01	0.02	244	0	0

saflufenacil	Whole	0.01	0.03	868	0	0
sethoxydim	Whole	0.01	0.5	868	0	0
simazine	Whole	0.01	0.02	868	0	0
sulfosulfuron	Whole	0.01	not set	868	-	-
terbuthylazine	Whole	0.01	0.02	868	0	0
terbutryn	Whole	0.01	not set	868	-	-
tiafenacil	Whole	0.01	0.01	868	0	0
topramezone	Whole	0.01	not set	868	-	-
tralkoxydim	Whole	0.01	not set	868	-	-
triallate	Whole	0.01	0.1	868	0	0
triasulfuron	Whole	0.01	not set	868	-	-
tribenuron-methyl	Whole	0.01	0.01	868	0	0
triclopyr	Whole	0.01	not set	868	-	-
trifludimoxazin	Whole	0.01	not set	868	-	-
trifluralin	Whole	0.01	0.05	868	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	868	-	-
acephate	Whole	0.01	not set	868	-	-
acetamiprid	Whole	0.01	not set	868	-	-
aldicarb	Whole	0.01	not set	868	-	-
amitraz	Whole	0.01	not set	868	-	-
azamethiphos	Whole	0.01	not set	868	-	-
azinphos-methyl	Whole	0.01	not set	868	-	-
bifenazate	Whole	0.01	not set	868	-	-
bifenthrin	Whole	0.01	0.02	868	0	0
bioresmethrin	Whole	0.01	not set	868	-	-
buprofezin	Whole	0.01	0.01	868	0	0
cadusafos	Whole	0.01	not set	868	-	-
carbaryl	Whole	0.01	0.1	868	0	0
carbofuran	Whole	0.01	not set	868	-	-
chlorantraniliprole	Whole	0.01	0.1	868	0	0
chlorfenapyr	Whole	0.01	not set	868	-	-
chlorfenvinphos	Whole	0.01	not set	868	-	-
chlorpyrifos	Whole	0.01	0.01	868	0	0
chlorpyrifos-methyl	Whole	0.01	0.15	868	1	0
clofentezine	Whole	0.01	not set	868	-	-
clothianidin	Whole	0.01	0.01	868	0	0
cyantraniliprole	Whole	0.01	0.03	868	0	0

cyfluthrin	Whole	0.01	not set	868	-	-
cyhalothrin	Whole	0.01	0.02	868	0	0
cypermethrin	Whole	0.01	0.2	868	0	0
deltamethrin	Whole	0.01	0.1	868	0	0
diafenthiuron	Whole	0.01	0.01	868	0	0
diazinon	Whole	0.01	not set	868	-	-
dichlorvos	Whole	0.01	0.01	868	0	0
dicofol	Whole	0.01	not set	868	-	-
diflubenzuron	Whole	0.01	not set	868	-	-
dimethoate	Whole	0.01	0.2	868	0	0
dinotefuran	Whole	0.01	not set	868	-	-
disulfoton	Whole	0.01	not set	868	-	-
emamectin	Whole	0.01	0.01	868	0	0
ethion	Whole	0.01	not set	868	-	-
ethoprophos	Whole	0.005	not set	868	-	-
etoxazole	Whole	0.01	not set	868	-	-
fenamiphos	Whole	0.01	not set	868	-	-
fenbutatin oxide	Whole	0.01	not set	868	-	-
fenitrothion	Whole	0.01	0.1	868	0	0
fenoxycarb	Whole	0.01	not set	868	-	-
fenpyroximate	Whole	0.01	not set	868	-	-
fenthion	Whole	0.01	not set	868	-	-
fenvalerate	Whole	0.01	0.5	868	0	0
fipronil	Whole	0.002	0.01	868	0	0
flonicamid	Whole	0.01	0.5	868	0	0
fluensulfone	Whole	0.01	0.05	868	0	0
flupyradifurone	Whole	0.01	0.2	868	0	0
hexythiazox	Whole	0.01	not set	868	-	-
imidacloprid	Whole	0.01	0.05	868	0	0
indoxacarb	Whole	0.01	not set	868	-	-
malathion	Whole	0.01	10	868	0	0
methacrifos	Whole	0.01	not set	868	-	-
methamidophos	Whole	0.01	not set	868	-	-
methidathion	Whole	0.01	not set	868	-	-
methiocarb	Whole	0.01	not set	868	-	-
methomyl	Whole	0.01	0.5	868	0	0
methoprene	Whole	0.01	not set	868	-	-
methoxychlor	Whole	0.01	not set	868	-	-
methoxyfenozide	Whole	0.01	not set	868	-	-
mevinphos	Whole	0.01	not set	868	-	-
monocrotophos	Whole	0.01	not set	868	-	-
omethoate	Whole	0.01	0.05	868	0	0

parathion	Whole	0.01	not set	868	-	-
parathion-methyl	Whole	0.01	not set	868	-	-
permethrin	Whole	0.01	0.2	868	0	0
phenothrin	Whole	0.01	not set	868	-	-
phorate	Whole	0.01	not set	868	-	-
phosmet	Whole	0.01	not set	868	-	-
piperonyl butoxide	Whole	0.01	8	868	0	0
pirimicarb	Whole	0.01	0.2	868	0	0
pirimiphos-methyl	Whole	0.01	not set	868	-	-
profenofos	Whole	0.01	not set	868	-	-
propargite	Whole	0.01	not set	868	-	-
prothiofos	Whole	0.01	not set	868	-	-
pymetrozine	Whole	0.01	not set	868	-	-
pyrethrins	Whole	0.01	1	868	0	0
pyriproxyfen	Whole	0.01	not set	868	-	-
spinetoram	Whole	0.01	0.01	868	0	0
spinosad	Whole	0.01	not set	868	-	-
spirotetramat	Whole	0.01	not set	868	-	-
sulfoxaflor	Whole	0.01	0.15	868	0	0
tau-fluvalinate	Whole	0.01	not set	868	-	-
tebufenozide	Whole	0.01	not set	868	-	-
tebufenpyrad	Whole	0.01	not set	868	-	-
terbufos	Whole	0.01	not set	868	-	-
tetradifon	Whole	0.01	not set	868	-	-
tetraniliprole	Whole	0.01	not set	576	-	-
thiacloprid	Whole	0.01	not set	868	-	-
thiamethoxam	Whole	0.01	0.01	868	0	1
thiodicarb	Whole	0.01	not set	868	-	-
triazofos	Whole	0.01	not set	868	-	-
trichlorfon	Whole	0.01	0.1	868	0	0
triflumuron	Whole	0.01	not set	868	-	-

Table 5: PHYSIOLOGICAL MODIFIER

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
forchlorfenuron	Whole	0.01	not set	868	-	-
prohexadione-calcium	Whole	0.01	not set	868	-	-
trinexapac-ethyl	Whole	0.01	not set	868	-	-