Australian Government

Department of Agriculture, Fisheries and Forestry

Canola residue testing annual datasets 2022-23

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	837	-	-
chlordane	Whole	0.01	not set	837	-	-
DDT	Whole	0.01	not set	837	-	-
endosulfan	Whole	0.01	not set	837	-	-
endrin	Whole	0.01	not set	837	-	-
HCB (hexachlorobenzene)	Whole	0.01	not set	837	-	-
HCH (BHC)	Whole	0.01	not set	837	-	-
heptachlor	Whole	0.01	not set	837	-	-
lindane (gamma-HCH)	Whole	0.01	0.05	837	0	0
mirex	Whole	0.01	not set	837	-	-

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	837	0	0
benalaxyl	Whole	0.01	not set	837	-	-
benzovindiflupyr	Whole	0.01	not set	837	-	-
bitertanol	Whole	0.01	not set	837	-	-
bixafen	Whole	0.01	0.01	837	0	0
boscalid	Whole	0.01	0.5	837	0	0
bupirimate	Whole	0.01	not set	837	-	-
captafol	Whole	0.01	not set	837	-	-
captan	Whole	0.01	not set	837	-	-
carbendazim	Whole	0.01	not set	837	-	-
carboxin	Whole	0.01	not set	837	-	-
chlorothalonil	Whole	0.01	not set	837	-	-
cyproconazole	Whole	0.01	0.02	837	0	0
cyprodinil	Whole	0.01	not set	837	-	-
difenoconazole	Whole	0.01	not set	837	-	-
dimethomorph	Whole	0.01	not set	837	-	-
dithianon	Whole	0.01	not set	837	-	-
dodine	Whole	0.01	not set	837	-	-
epoxiconazole	Whole	0.01	not set	837	-	-
etridiazole	Whole	0.01	not set	837	-	-
fenarimol	Whole	0.01	not set	837	-	-
fenbuconazole	Whole	0.01	not set	837	-	-
fenhexamid	Whole	0.01	not set	837	-	-
fluazinam	Whole	0.01	not set	837	-	-
fludioxonil	Whole	0.01	0.2	837	0	0
fluopicolide	Whole	0.01	0.01	837	0	0
fluopyram	Whole	0.01	0.03	837	0	0
fluquinconazole	Whole	0.01	0.01	837	0	1
flusilazole	Whole	0.01	not set	837	-	-
flutriafol	Whole	0.01	0.07	837	3	0
fluxapyroxad	Whole	0.01	0.2	837	0	0
hexaconazole	Whole	0.01	not set	837	-	-
imazalil	Whole	0.01	not set	837	-	-
ipconazole	Whole	0.01	not set	837	-	-
iprodione	Whole	0.01	0.5	837	0	0
isoprothiolane	Whole	0.01	not set	837	-	-
isopyrazam	Whole	0.01	not set	837	-	-
kresoxim-methyl	Whole	0.01	not set	837	-	-
metalaxyl	Whole	0.01	not set	837	-	-

myclobutanil	Whole	0.01	not set	837	-	-
oxadixyl	Whole	0.01	not set	837	-	-
penconazole	Whole	0.01	not set	837	-	-
penflufen	Whole	0.01	0.01	837	0	0
prochloraz	Whole	0.01	not set	837	-	-
procymidone	Whole	0.01	0.5	837	0	0
propiconazole	Whole	0.01	not set	837	-	-
prothioconazole	Whole	0.01	0.02	837	0	0
pydiflumetofen	Whole	0.01	0.07	837	0	0
pyraclostrobin	Whole	0.01	not set	837	-	-
pyrimethanil	Whole	0.01	not set	837	-	-
quinoxyfen	Whole	0.01	not set	837	-	-
quintozene	Whole	0.01	not set	837	-	-
sedaxane	Whole	0.01	not set	837	-	-
spiroxamine	Whole	0.01	not set	837	-	-
tebuconazole	Whole	0.01	0.3	837	0	0
thiabendazole	Whole	0.01	not set	837	-	-
tolclofos methyl	Whole	0.01	not set	837	-	-
triadimefon	Whole	0.01	not set	837	-	-
triadimenol	Whole	0.01	not set	837	-	-
trifloxystrobin	Whole	0.01	0.02	837	0	0
triticonazole	Whole	0.01	not set	837	-	-
uniconazole-P	Whole	0.01	not set	326	-	-
vinclozolin	Whole	0.01	not set	837	-	-

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	837	-	-
2,4-D	Whole	0.01	0.05	837	0	0
2,4-DB	Whole	0.01	not set	837	-	-
acifluorfen	Whole	0.01	not set	837	-	-
ametryn	Whole	0.01	not set	837	-	-
aminopyralid	Whole	0.01	not set	837	-	-
amitrole	Whole	0.01	0.01	297	0	0
atrazine	Whole	0.01	0.02	837	0	0
bentazone	Whole	0.01	not set	837	-	-
bicyclopyrone	Whole	0.01	not set	837	-	-
bixlozone	Whole	0.01	0.01	837	0	0
bromacil	Whole	0.01	not set	837	-	-

bromoxynil	Whole	0.01	not set	837	-	-
butafenacil	Whole	0.01	0.01	837	0	0
butroxydim	Whole	0.01	0.01	837	0	0
carfentrazone-ethyl	Whole	0.01	not set	837	-	-
chlormequat	Whole	0.01	not set	297	-	-
chlorpropham	Whole	0.01	not set	837	-	-
chlorsulfuron	Whole	0.01	not set	837	-	-
chlorthal-dimethyl	Whole	0.01	not set	837	-	-
cinmethylin	Whole	0.01	not set	837	-	-
clethodim	Whole	0.01	0.5	837	0	0
clodinafop acid	Whole	0.01	not set	837	-	-
clodinafop-propargyl	Whole	0.01	not set	837	-	-
clomazone	Whole	0.01	0.01	837	0	0
clopyralid	Whole	0.01	0.5	837	0	0
cloquintocet-mexyl	Whole	0.01	not set	837	-	-
cyanazine	Whole	0.01	not set	837	-	-
dicamba	Whole	0.01	not set	837	-	-
dichlobenil	Whole	0.01	not set	837	-	-
dichlorprop-P	Whole	0.01	not set	297	-	-
diclofop-methyl	Whole	0.01	0.1	297	0	0
diflufenican	Whole	0.01	not set	837	-	-
dimethenamid-P	Whole	0.01	0.01	837	0	0
diquat	Whole	0.01	5	297	0	0
diuron	Whole	0.01	0.5	837	0	0
EPTC	Whole	0.01	0.1	837	0	0
ethofumesate	Whole	0.01	not set	837	-	-
fenoxaprop-ethyl	Whole	0.01	not set	837	-	-
flamprop-M-methyl	Whole	0.01	not set	297	-	-
florasulam	Whole	0.01	not set	837	-	-
florpyrauxifen-benzyl	Whole		not set	837	-	-
fluazifop-p-butyl	Whole	0.01	0.5	297	0	0
flumetsulam	Whole	0.01	not set	837	-	-
flumioxazin	Whole	0.01	0.1	837	0	0
fluroxypyr	Whole	0.01	not set	837	-	-
fomesafen	Whole	0.01	not set	837	-	-
glufosinate	Whole	0.01	0.5	297	0	0
glyphosate	Whole	0.01	20	297	6	0
halauxifen-methyl	Whole	0.01	0.01	837	0	0
halosulfuron-methyl	Whole	0.01	not set	837	-	-
haloxyfop	Whole	0.005	0.1	297	21	11
imazamox	Whole	0.01	0.05	79	0	0
imazapic	Whole	0.01	0.05	79	0	0

imazapyr	Whole	0.01	0.05	79	0	0
imazaquin	Whole	0.01	not set	79	-	-
imazethapyr	Whole	0.01	not set	79	-	-
iodosulfuron-methyl	Whole	0.01	not set	837	-	-
ioxynil	Whole	0.01	not set	837	-	-
isoxaben	Whole	0.01	not set	837	-	-
isoxaflutole	Whole	0.01	not set	837	-	-
linuron	Whole	0.01	not set	837	-	-
MCPA	Whole	0.01	not set	837	-	-
MCPB	Whole	0.01	not set	837	-	-
mefenpyr-diethyl	Whole	0.01	not set	837	-	-
mesotrione	Whole	0.01	not set	837	-	-
metamitron	Whole	0.01	not set	837	-	-
metazachlor	Whole	0.01	0.03	837	0	0
methabenzthiazuron	Whole	0.01	not set	837	-	-
metolachlor	Whole	0.01	0.02	837	0	0
metosulam	Whole	0.01	not set	837	-	-
metribuzin	Whole	0.01	0.02	837	0	0
metsulfuron-methyl	Whole	0.01	not set	837	-	-
napropamide	Whole	0.01	0.01	837	0	0
norflurazon	Whole	0.01	not set	837	-	-
oryzalin	Whole	0.01	0.05	837	0	0
oxyfluorfen	Whole	0.01	not set	837	-	-
paraquat	Whole	0.01	0.05	297	0	0
pendimethalin	Whole	0.01	0.05	837	0	0
picloram	Whole	0.01	not set	837	-	-
picolinafen	Whole	0.01	not set	837	-	-
pinoxaden (parent)	Whole	0.01	not set	837	-	-
prometryn	Whole	0.01	not set	837	-	-
propachlor	Whole	0.01	not set	837	-	-
propaquizafop	Whole	0.01	0.05	297	0	0
propyzamide	Whole	0.01	0.02	837	0	0
prosulfocarb	Whole	0.01	not set	837	-	-
pyraflufen-ethyl	Whole	0.01	not set	837	-	-
pyrasulfotole	Whole	0.01	not set	837	-	-
pyroxasulfone	Whole	0.01	not set	837	-	-
pyroxsulam	Whole	0.01	not set	837	-	-
quizalofop-ethyl	Whole	0.01	0.02	297	0	0
quizalofop-P-tefuryl	Whole	0.01	0.02	297	0	0
saflufenacil	Whole	0.01	0.03	837	0	0
sethoxydim	Whole	0.01	0.5	837	0	0
simazine	Whole	0.01	0.02	837	0	0

sulfosulfuron	Whole	0.01	not set	837	-	-
terbuthylazine	Whole	0.01	0.02	837	0	0
terbutryn	Whole	0.01	not set	837	-	-
tiafenacil	Whole	0.01	0.01	837	0	0
topramezone	Whole	0.01	not set	837	-	-
tralkoxydim	Whole	0.01	not set	837	-	-
triallate	Whole	0.01	0.1	837	0	0
triasulfuron	Whole	0.01	not set	837	-	-
tribenuron-methyl	Whole	0.01	0.01	837	0	0
triclopyr	Whole	0.01	not set	837	-	-
trifludimoxazin	Whole	0.01	not set	837	-	-
trifluralin	Whole	0.01	0.05	837	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	837	-	-
acephate	Whole	0.01	not set	837	-	-
acetamiprid	Whole	0.01	not set	837	-	-
aldicarb	Whole	0.01	not set	837	-	-
amitraz	Whole	0.01	not set	837	-	-
azamethiphos	Whole	0.01	not set	837	-	-
azinphos-methyl	Whole	0.01	not set	837	-	-
bifenazate	Whole	0.01	not set	837	-	-
bifenthrin	Whole	0.01	0.02	837	0	0
bioresmethrin	Whole	0.01	not set	837	-	-
buprofezin	Whole	0.01	0.01	837	0	0
cadusafos	Whole	0.01	not set	837	-	-
carbaryl	Whole	0.01	0.1	837	0	0
carbofuran	Whole	0.01	not set	837	-	-
chlorantraniliprole	Whole	0.01	0.1	837	0	0
chlorfenapyr	Whole	0.01	not set	837	-	-
chlorfenvinphos	Whole	0.01	not set	837	-	-
chlorpyrifos	Whole	0.01	0.01	837	0	0
chlorpyrifos-methyl	Whole	0.01	0.15	837	0	0
clofentezine	Whole	0.01	not set	837	-	-
clothianidin	Whole	0.01	0.01	837	0	0
cyantraniliprole	Whole	0.01	0.03	837	0	0
cyfluthrin	Whole	0.01	not set	837	-	-
cyhalothrin	Whole	0.01	0.02	837	0	0
cypermethrin	Whole	0.01	0.2	837	0	0

deltamethrin	Whole	0.01	0.1	837	0	0
diafenthiuron	Whole	0.01	0.01	837	0	0
diazinon	Whole	0.01	not set	837	-	-
dichlorvos	Whole	0.01	0.01	837	0	0
dicofol	Whole	0.01	not set	837	-	-
diflubenzuron	Whole	0.01	not set	837	-	-
dimethoate	Whole	0.01	0.2	837	0	0
dinotefuran	Whole	0.01	not set	837	-	-
disulfoton	Whole	0.01	not set	837	-	-
emamectin	Whole	0.01	0.01	837	0	0
ethion	Whole	0.01	not set	837	-	-
ethoprophos	Whole	0.005	not set	837	-	-
etoxazole	Whole	0.01	not set	837	-	-
fenamiphos	Whole	0.01	not set	837	-	-
fenbutatin oxide	Whole	0.01	not set	837	-	-
fenitrothion	Whole	0.01	0.1	837	0	0
fenoxycarb	Whole	0.01	not set	837	-	-
fenpyroximate	Whole	0.01	not set	837	-	-
fenthion	Whole	0.01	not set	837	-	-
fenvalerate	Whole	0.01	0.5	837	0	0
fipronil	Whole	0.002	0.01	837	0	0
flonicamid	Whole	0.01	0.5	837	0	0
fluensulfone	Whole	0.01	0.05	837	0	0
flupyradifurone	Whole	0.01	0.2	837	0	0
hexythiazox	Whole	0.01	not set	837	-	-
imidacloprid	Whole	0.01	0.05	837	4	2
indoxacarb	Whole	0.01	not set	837	-	-
malathion	Whole	0.01	10	837	0	0
methacrifos	Whole	0.01	not set	837	-	-
methamidophos	Whole	0.01	not set	837	-	-
methidathion	Whole	0.01	not set	837	-	-
methiocarb	Whole	0.01	not set	837	-	-
methomyl	Whole	0.01	0.5	837	0	0
methoprene	Whole	0.01	not set	837	-	-
methoxychlor	Whole	0.01	not set	837	-	-
methoxyfenozide	Whole	0.01	not set	837	-	-
mevinphos	Whole	0.01	not set	837	-	-
monocrotophos	Whole	0.01	not set	837	-	-
omethoate	Whole	0.01	0.05	837	0	0
parathion	Whole	0.01	not set	837	-	-
parathion-methyl	Whole	0.01	not set	837	-	-
permethrin	Whole	0.01	0.2	837	0	0

phenothrin	Whole	0.01	not set	837	-	-
phorate	Whole	0.01	not set	837	-	-
phosmet	Whole	0.01	not set	837	-	-
piperonyl butoxide	Whole	0.01	8	837	0	0
pirimicarb	Whole	0.01	0.2	837	0	0
pirimiphos-methyl	Whole	0.01	not set	837	-	-
profenofos	Whole	0.01	not set	837	-	-
propargite	Whole	0.01	not set	837	-	-
prothiofos	Whole	0.01	not set	837	-	-
pymetrozine	Whole	0.01	not set	837	-	-
pyrethrins	Whole	0.01	1	837	0	0
pyriproxyfen	Whole	0.01	not set	837	-	-
spinetoram	Whole	0.01	0.01	837	0	0
spinosad	Whole	0.01	not set	837	-	-
spirotetramat	Whole	0.01	not set	837	-	-
sulfoxaflor	Whole	0.01	0.15	837	0	0
tau-fluvalinate	Whole	0.01	not set	837	-	-
tebufenozide	Whole	0.01	not set	837	-	-
tebufenpyrad	Whole	0.01	not set	837	-	-
terbufos	Whole	0.01	not set	837	-	-
tetradifon	Whole	0.01	not set	837	-	-
thiacloprid	Whole	0.01	not set	837	-	-
thiamethoxam	Whole	0.01	0.01	837	0	1
thiodicarb	Whole	0.01	not set	837	-	-
triazofos	Whole	0.01	not set	837	-	-
trichlorfon	Whole	0.01	0.1	837	0	0
triflumuron	Whole	0.01	not set	837	-	-

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	837	-	-
prohexadione-calcium	Whole	0.01	not set	837	-	-
trinexapac-ethyl	Whole	0.01	not set	837	-	-