Australian Government
Department of Agriculture, Fisheries and Forestry

Almond residue testing annual datasets 2021-22

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	108	-	-
chlordane	Whole	0.01	not set	108	-	-
DDT	Whole	0.01	not set	108	-	-
endosulfan	Whole	0.01	not set	108	-	-
endrin	Whole	0.01	not set	108	-	-
HCB	Whole	0.01	not set	108	-	-
HCH	Whole	0.01	not set	108	-	-
heptachlor	Whole	0.01	not set	108	-	-
lindane (gamma-HCH)	Whole	0.01	not set	108	-	-
mirex	Whole	0.01	not set	108	-	-

Table 2: FUMIGANTS

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
phosphine total	Whole		0.01	12	0	0

Table 3: FUNGICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
2-phenylphenol	Whole	0.05	not set	108	-	-
azoxystrobin	Whole	0.01	0.01	108	0	2
benalaxyl	Whole	0.01	not set	108	-	-
bitertanol	Whole	0.01	not set	108	-	-
boscalid	Whole	0.01	0.5	108	0	0
bupirimate	Whole	0.01	not set	108	-	-
captafol	Whole	0.05	not set	108	-	-
captan	Whole	0.05	0.3	108	0	0
carbendazim	Whole	0.01	not set	108	-	-
chlorothalonil	Whole	0.01	0.1	108	0	0
cyproconazole	Whole	0.01	not set	108	-	-
cyprodinil	Whole	0.01	0.01	108	0	0
difenoconazole	Whole	0.01	not set	108	-	-
dimethomorph	Whole	0.01	not set	108	-	-
dithianon	Whole	0.01	not set	108	-	-
dithiocarbamates	Whole	0.2	3	108	0	0
dodine	Whole	0.01	not set	108	-	-
epoxiconazole	Whole	0.01	not set	108	-	-
etridiazole	Whole	0.01	not set	108	-	-
fenarimol	Whole	0.01	not set	108	-	-
fenbuconazole	Whole	0.01	not set	108	-	-
fenhexamid	Whole	0.01	not set	108	-	-
fluazinam	Whole	0.01	not set	108	-	-
fludioxonil	Whole	0.01	not set	108	-	-
fluopyram	Whole	0.01	0.05	108	0	0
fluquinconazole	Whole	0.01	not set	108	-	-
flusilazole	Whole	0.01	not set	108	-	-
flutriafol	Whole	0.01	0.5	108	0	0
hexaconazole	Whole	0.01	not set	108	-	-
imazalil	Whole	0.01	not set	108	-	-
iprodione	Whole	0.01	0.02	108	1	0
kresoxim-methyl	Whole	0.01	not set	108	-	-
mandestrobin	Whole	0.01	not set	108	-	-
metalaxyl	Whole	0.01	not set	108	-	-
metrafenone	Whole	0.01	not set	108	-	-

myclobutanil	Whole	0.01	not set	108	-	-
oxadixyl	Whole	0.01	not set	108	-	-
paclobutrazol	Whole	0.01	not set	108	-	-
penconazole	Whole	0.01	not set	108	-	-
penthiopyrad	Whole	0.01	0.1	108	0	0
prochloraz	Whole	0.01	not set	108	-	-
procymidone	Whole	0.01	not set	108	-	-
propiconazole	Whole	0.01	0.2	108	0	0
prothioconazole	Whole	0.01	not set	108	-	-
pyraclostrobin	Whole	0.01	0.07	108	0	0
pyrimethanil	Whole	0.01	not set	108	-	-
tebuconazole	Whole	0.01	0.01	108	0	0
thiabendazole	Whole	0.01	not set	108	-	-
tolclofos methyl	Whole	0.01	not set	108	-	-
triadimefon	Whole	0.01	not set	108	-	-
triadimenol	Whole	0.01	not set	108	-	-
trifloxystrobin	Whole	0.01	0.05	108	0	0
triforine	Whole	0.01	not set	108	-	-
triticonazole	Whole	0.01	not set	108	-	-
vinclozolin	Whole	0.01	not set	108	-	-

Table 4: 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	0.05	not set	108	-	-
2,4-D	Whole	0.01	0.05	108	3	0
amitrole	Whole	0.01	not set	83	-	-
atrazine	Whole	0.01	not set	108	-	-
bromacil	Whole	0.01	not set	108	-	-
bromoxynil	Whole	0.01	not set	108	-	-
carfentrazone-ethyl	Whole	0.01	0.05	108	0	0
chlormequat	Whole	0.01	not set	83	-	-
chlorpropham	Whole	0.05	not set	108	-	-
chlorsulfuron	Whole	0.01	not set	108	-	-
chlorthal-dimethyl	Whole	0.01	not set	108	-	-
clethodim	Whole	0.01	not set	108	-	-
clodinafop-propargyl	Whole	0.01	not set	108	-	-
clopyralid	Whole	0.05	not set	108	-	-

cyanazine	Whole	0.01	not set	108	-	-
dicamba	Whole	0.01	not set	108	-	-
dichlobenil	Whole	0.01	not set	108	-	-
dichlorprop-P	Whole	0.01	not set	83	-	-
diclofop-methyl	Whole	0.01	not set	83	-	-
diflufenican	Whole	0.01	not set	108	-	-
diquat	Whole	0.01	0.05	83	0	0
diuron	Whole	0.01	not set	108	-	-
ethofumesate	Whole	0.01	not set	108	-	-
fenoxaprop-ethyl	Whole	0.01	not set	108	-	-
flamprop-M-methyl	Whole	0.01	not set	83	-	-
fluazifop-p-butyl	Whole	0.01	not set	83	-	-
flumioxazin	Whole	0.02	0.02	108	0	0
glufosinate	Whole	0.01	0.1	83	0	0
glyphosate	Whole	0.01	0.2	83	3	0
haloxyfop	Whole	0.01	0.05	83	1	0
iodosulfuron-methyl	Whole	0.01	not set	108	-	-
ioxynil	Whole	0.01	not set	108	-	-
isoxaben	Whole	0.01	0.01	108	0	0
linuron	Whole	0.01	not set	108	-	-
MCPA	Whole	0.01	not set	108	-	-
methabenzthiazuron	Whole	0.01	not set	108	-	-
metolachlor	Whole	0.01	not set	108	-	-
metosulam	Whole	0.01	not set	108	-	-
metribuzin	Whole	0.01	not set	108	-	-
metsulfuron-methyl	Whole	0.01	not set	108	-	-
napropamide	Whole	0.01	0.1	108	0	0
norflurazon	Whole	0.01	0.2	108	0	0
oryzalin	Whole	0.01	0.1	108	0	0
oxyfluorfen	Whole	0.01	0.05	108	0	0
paraquat	Whole	0.01	0.05	83	3	0
pendimethalin	Whole	0.01	0.05	108	0	0
picloram	Whole	0.01	not set	108	-	-
propachlor	Whole		not set	108	-	-
propaquizafop	Whole	0.01	not set	83	-	-
propyzamide	Whole	0.01	not set	108	-	-
quizalofop-ethyl	Whole	0.01	not set	83	-	-
quizalofop-P-tefuryl	Whole	0.01	not set	83	-	-
saflufenacil	Whole	0.01	0.03	108	0	0

sethoxydim	Whole	0.01	not set	108	-	-
simazine	Whole	0.01	0.1	108	0	0
tralkoxydim	Whole	0.01	not set	108	-	-
triasulfuron	Whole	0.01	not set	108	-	-
triclopyr	Whole	0.01	not set	108	-	-
trifluralin	Whole	0.01	not set	108	-	-

Table 5: INSECTICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
abamectin	Whole	0.01	0.01	108	0	0
acephate	Whole	0.05	not set	108	-	-
acetamiprid	Whole	0.01	not set	108	-	-
aldicarb	Whole	0.01	not set	108	-	-
amitraz	Whole	0.01	not set	108	-	-
azamethiphos	Whole	0.01	not set	108	-	-
azinphos-methyl	Whole	0.01	not set	108	-	-
bifenazate	Whole	0.01	0.1	108	0	0
bifenthrin	Whole	0.01	0.1	108	0	0
bioresmethrin	Whole	0.01	not set	108	-	-
buprofezin	Whole	0.01	0.1	108	0	0
cadusafos	Whole	0.005	not set	108	-	-
carbaryl	Whole	0.01	not set	108	-	-
carbofuran	Whole	0.005	not set	108	-	-
chlorantraniliprole	Whole	0.01	0.1	108	0	0
chlorfenapyr	Whole	0.01	not set	108	-	-
chlorfenvinphos	Whole	0.01	not set	108	-	-
chlorpyrifos	Whole	0.005	0.05	108	0	0
chlorpyrifos-methyl	Whole	0.005	not set	108	-	-
clofentezine	Whole	0.01	0.5	108	0	0
clothianidin	Whole	0.01	0.05	108	0	0
cyantraniliprole	Whole	0.01	0.05	108	0	0
cyfluthrin	Whole	0.01	not set	108	-	-
cyhalothrin	Whole	0.01	not set	108	-	-
cypermethrin	Whole	0.01	0.01	108	0	0
deltamethrin	Whole	0.01	not set	108	-	-
diazinon	Whole	0.01	0.1	108	0	0
dichlorvos	Whole	0.01	2	108	0	0
dicofol	Whole	0.01	5	108	0	0

diflubenzuron	Whole	0.01	not set	108	-	-
dimethoate	Whole	0.01	not set	108	-	-
disulfoton	Whole	0.01	not set	108	-	-
emamectin	Whole	0.005	not set	108	-	-
ethion	Whole	0.01	not set	108	-	-
ethoprophos	Whole	0.005	not set	108	-	-
etoxazole	Whole	0.01	0.01	108	0	0
fenamiphos	Whole	0.01	not set	108	-	-
fenbutatin oxide	Whole	0.01	not set	108	-	-
fenitrothion	Whole	0.01	not set	108	-	-
fenoxycarb	Whole	0.01	not set	108	-	-
fenpyroximate	Whole	0.01	not set	108	-	-
fenthion	Whole	0.01	not set	108	-	-
fenvalerate	Whole	0.01	not set	108	-	-
fipronil	Whole	0.005	not set	108	-	-
flonicamid	Whole	0.01	not set	108	-	-
hexythiazox	Whole	0.01	not set	108	-	-
imidacloprid	Whole	0.01	not set	108	-	-
indoxacarb	Whole	0.01	not set	108	-	-
malathion	Whole	0.01	8	108	0	0
metaldehyde	Whole	0.05	not set	108	-	-
methacrifos	Whole	0.01	not set	108	-	-
methamidophos	Whole	0.01	not set	108	-	-
methidathion	Whole	0.01	not set	108	-	-
methiocarb	Whole	0.01	not set	108	-	-
methomyl	Whole	0.01	not set	108	-	-
methoprene	Whole	0.01	not set	108	-	-
methoxychlor	Whole	0.01	not set	108	-	-
methoxyfenozide	Whole	0.01	0.2	108	0	0
mevinphos	Whole	0.01	not set	108	-	-
monocrotophos	Whole	0.01	not set	108	-	-
novaluron	Whole	0.01	not set	108	-	-
omethoate	Whole	0.01	not set	108	-	-
parathion	Whole	0.01	not set	108	-	-
parathion-methyl	Whole	0.01	not set	108	-	-
permethrin	Whole	0.01	not set	108	-	-
phenothrin	Whole	0.01	not set	108	-	-
phorate	Whole	0.01	not set	108	-	-
phosmet	Whole	0.01	not set	108	-	-

piperonyl butoxide	Whole	0.01	8	108	0	0
pirimicarb	Whole	0.01	0.05	108	0	0
pirimiphos-methyl	Whole	0.01	not set	108	-	-
profenofos	Whole	0.01	not set	108	-	-
propargite	Whole	0.01	not set	108	-	-
prothiofos	Whole	0.01	not set	108	-	-
pymetrozine	Whole	0.01	0.01	108	0	0
pyrethrins	Whole	0.05	1	108	0	0
pyridaben	Whole	0.02	not set	108	-	-
pyriproxyfen	Whole	0.01	not set	108	-	-
spinetoram	Whole	0.01	0.01	108	0	0
spinosad	Whole	0.01	0.01	108	0	0
spirotetramat	Whole	0.01	not set	108	-	-
sulfoxaflor	Whole	0.01	0.02	108	0	0
tau-fluvalinate	Whole	0.01	not set	108	-	-
tebufenozide	Whole	0.01	not set	108	-	-
tebufenpyrad	Whole	0.01	not set	108	-	-
terbufos	Whole	0.005	not set	108	-	-
tetradifon	Whole	0.01	not set	108	-	-
thiacloprid	Whole	0.01	not set	108	-	-
thiamethoxam	Whole	0.01	not set	108	-	-
thiodicarb	Whole	0.01	not set	108	-	-
triazofos	Whole	0.01	not set	108	-	-
trichlorfon	Whole	0.01	not set	108	-	-
triflumuron	Whole	0.01	not set	108	-	-

Table 6: METALS

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
arsenic (total)	Whole	0.05	no limit	24	0	0
cadmium	Whole	0.01	no limit	24	0	0
copper	Whole	0.05	no limit	24	0	0
lead	Whole	0.01	no limit	24	0	0
mercury (total)	Whole	0.01	no limit	24	0	0

Table 7: PHYSIOLOGICAL MODIFIER

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
diphenylamine	Whole	0.01	not set	108	-	-