Australian Government
Department of Agriculture and Water Resources

Almond 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)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
2-phenylphenol	whole	0.05	not set	39	0	0
azoxystrobin	whole	0.01	0.01	39	0	0
benalaxyl	whole	0.01	not set	39	0	0
bitertanol	whole	0.01	not set	39	0	0
boscalid	whole	0.01	0.5	39	0	0
bupirimate	whole	0.01	not set	39	0	0
captafol	whole	0.05	not set	39	0	0
captan	whole	0.05	0.3	39	0	0
carbendazim	whole	0.01	not set	39	0	0
chlorothalonil	whole	0.01	0.1	39	0	0
cyproconazole	whole	0.01	not set	39	0	0
cyprodinil	whole	0.01	not set	39	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
difenoconazole	whole	0.01	not set	39	0	0
dimethomorph	whole	0.01	not set	39	0	0
dithianon	whole	0.01	not set	39	0	0
dithiocarbamates	whole	0.2	3	39	0	0
dodine	whole	0.01	not set	39	0	0
epoxiconazole	whole	0.01	not set	39	0	0
etridiazole	whole	0.01	not set	39	0	0
fenarimol	whole	0.01	not set	39	0	0
fenhexamid	whole	0.01	not set	39	0	0
fluazinam	whole	0.01	not set	39	0	0
fludioxonil	whole	0.01	not set	39	0	0
fluquinconazole	whole	0.01	not set	39	0	0
flusilazole	whole	0.01	not set	39	0	0
flutriafol	whole	0.01	not set	39	0	0
hexaconazole	whole	0.01	not set	39	0	0
imazalil	whole	0.01	not set	39	0	0
iprodione	whole	0.05	0.02	39	0	0
kresoxim-methyl	whole	0.01	not set	39	0	0
metalaxyl	whole	0.01	not set	39	0	0
myclobutanil	whole	0.01	not set	39	0	0
oxadixyl	whole	0.01	not set	39	0	0
paclobutrazol	whole	0.01	not set	39	0	0
penconazole	whole	0.01	not set	39	0	0
prochloraz	whole	0.01	not set	39	0	0
procymidone	whole	0.01	not set	39	0	0
propiconazole	whole	0.01	0.2	39	0	0
prothioconazole	whole	0.05	not set	39	0	0
pyraclostrobin	whole	0.01	0.01	39	0	0
pyrimethanil	whole	0.01	not set	39	0	0
tebuconazole	whole	0.01	not set	39	0	0
thiabendazole	whole	0.01	not set	39	0	0
tolclofos methyl	whole	0.01	not set	39	0	0
triadimefon	whole	0.01	not set	39	0	0
triadimenol	whole	0.01	not set	39	0	0
trifloxystrobin	whole	0.01	0.05	39	0	0
triticonazole	whole	0.01	not set	39	0	0
vinclozolin	whole	0.01	not set	39	0	0

Table 2 Herbicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
2,2-DPA (2,2-dichloropropionic acid)	whole	0.05	not set	39	0	0
2,4-D	whole	0.01	not set	39	0	0
amitrole	whole	0.01	not set	23	0	0
atrazine	whole	0.01	not set	39	0	0
bromacil	whole	0.01	not set	39	0	0
bromoxynil	whole	0.01	not set	39	0	0
carfentrazone-ethyl	whole	0.01	0.05	39	0	0
chlorpropham	whole	0.05	not set	39	0	0
chlorsulfuron	whole	0.01	not set	39	0	0
chlorthal-dimethyl	whole	0.01	not set	39	0	0
clethodim	whole	0.01	not set	39	0	0
clodinafop-propargyl	whole	0.01	not set	39	0	0
clopyralid	whole	0.05	not set	39	0	0
cyanazine	whole	0.01	not set	39	0	0
dicamba	whole	0.01	not set	39	0	0
dichlobenil	whole	0.01	not set	39	0	0
dichlorprop-P	whole	0.01	not set	39	0	0
diclofop-methyl	whole	0.01	not set	23	0	0
diflufenican	whole	0.01	not set	39	0	0
diquat	whole	0.01	0.05	23	0	0
diuron	whole	0.01	not set	39	0	0
ethofumesate	whole	0.01	not set	39	0	0
fenoxaprop-ethyl	whole	0.01	not set	23	0	0
flamprop-M-methyl	whole	0.01	not set	23	0	0
fluazifop-p-butyl	whole	0.01	not set	23	0	0
glufosinate	whole	0.01	0.1	23	0	0
glyphosate	whole	0.01	0.2	23	0	0
haloxyfop	whole	0.01	0.05	23	0	2
iodosulfuron-methyl	whole	0.01	not set	39	0	0
ioxynil	whole	0.01	not set	39	0	0
isoxaben	whole	0.01	0.01	39	0	0
linuron	whole	0.05	not set	39	0	0
MCPA	whole	0.01	not set	39	0	0
methabenthiazuron	whole	0.01	not set	39	0	0
metolachlor	whole	0.01	not set	39	0	0
metosulam	whole	0.01	not set	39	0	0
metribuzin	whole	0.01	not set	39	0	0
metsulfuron-methyl	whole	0.01	not set	39	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
napropamide	whole	0.01	0.1	39	0	0
norflurazon	whole	0.01	0.2	39	0	0
oryzalin	whole	0.01	0.1	39	0	0
oxyfluorfen	whole	0.01	0.05	39	0	0
paraquat	whole	0.01	0.05	23	0	0
pendimethalin	whole	0.01	0.05	39	0	0
picloram	whole	0.01	not set	39	0	0
propachlor	whole	0.01	not set	39	0	0
quizalofop-ethyl	whole	0.01	not set	62	0	0
quizalofop-P-tefuryl	whole	0.01	not set	62	0	0
sethoxydim	whole	0.01	not set	39	0	0
simazine	whole	0.01	0.1	39	0	0
tralkoxydim	whole	0.01	not set	39	0	0
triasulfuron	whole	0.01	not set	39	0	0
triclopyr	whole	0.01	not set	39	0	0
trifluralin	whole	0.01	not set	39	0	0

Table 3 Insecticides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
abamectin	whole	0.01	0.01	39	0	0
acephate	whole	0.05	not set	39	0	0
acetamiprid-P	whole	0.01	not set	39	0	0
aldicarb	whole	0.01	not set	39	0	0
amitraz	whole	0.01	not set	39	0	0
azamethiphos	whole	0.01	not set	39	0	0
azinphos-methyl	whole	0.01	not set	39	0	0
bifenazate	whole	0.01	0.1	39	0	0
bifenthrin	whole	0.01	not set	39	0	0
bioresmethrin	whole	0.01	not set	39	0	0
buprofezin	whole	0.01	not set	39	0	0
cadusafos	whole	0.01	not set	39	0	0
carbaryl	whole	0.01	not set	39	0	0
carbofuran	whole	0.01	not set	39	0	0
chlorantraniliprole	whole	0.01	0.05	39	0	0
chlorfenapyr	whole	0.01	not set	39	0	0
chlorfenvinphos	whole	0.01	not set	39	0	0
chlorpyrifos	whole	0.01	0.05	39	0	0
chlorpyrifos-methyl	whole	0.01	not set	39	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
clofentezine	whole	0.01	0.5	39	0	0
clothianidin	whole	0.01	not set	39	0	0
cyfluthrin	whole	0.01	not set	39	0	0
cyhalothrin	whole	0.01	not set	39	0	0
cypermethrin	whole	0.01	0.01	39	0	0
deltamethrin	whole	0.01	not set	39	0	0
diazinon	whole	0.01	0.1	39	0	0
dichlorvos	whole	0.01	2	39	0	0
dicofol	whole	0.01	5	39	0	0
diflubenzuron	whole	0.01	not set	39	0	0
dimethoate	whole	0.01	not set	39	0	0
disulfoton	whole	0.01	not set	39	0	0
emamectin	whole	0.01	not set	39	0	0
endosulfan	whole	0.01	not set	39	0	0
esfenvalerate	whole	0.01	not set	39	0	0
ethion	whole	0.01	not set	39	0	0
ethoprophos	whole	0.005	not set	39	0	0
etoxazole	whole	0.01	not set	39	0	0
fenamiphos	whole	0.01	not set	39	0	0
fenbutatin oxide	whole	0.01	not set	39	0	0
fenitrothion	whole	0.01	not set	39	0	0
fenoxycarb	whole	0.01	not set	39	0	0
fenpyroximate	whole	0.01	not set	39	0	0
fenthion	whole	0.01	not set	39	0	0
fenvalerate	whole	0.01	not set	39	0	0
fipronil	whole	0.01	not set	39	0	0
hexythiazox	whole	0.01	not set	39	0	0
imidacloprid	whole	0.01	not set	39	0	0
indoxacarb	whole	0.01	not set	39	0	0
malathion (maldison)	whole	0.01	8	39	0	0
metaldehyde	whole	0.05	not set	39	0	0
methacrifos	whole	0.01	not set	39	0	0
methamidophos	whole	0.01	not set	39	0	0
methidathion	whole	0.01	not set	39	0	0
methiocarb	whole	0.01	not set	39	0	0
methomyl	whole	0.01	not set	39	0	0
methoprene	whole	0.01	not set	39	0	0
methoxychlor	whole	0.01	not set	39	0	0
methoxyfenozide	whole	0.01	0.2	39	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
mevinphos	whole	0.01	not set	39	0	0
monocrotophos	whole	0.01	not set	39	0	0
omethoate	whole	0.01	not set	39	0	0
parathion	whole	0.01	not set	39	0	0
parathion-methyl	whole	0.01	not set	39	0	0
permethrin	whole	0.01	not set	39	0	0
phenothrin	whole	0.01	not set	39	0	0
phorate	whole	0.01	not set	39	0	0
phosmet	whole	0.01	not set	39	0	0
piperonyl butoxide	whole	0.01	8	39	0	0
pirimicarb	whole	0.01	0.05	39	0	0
pirimiphos-methyl	whole	0.01	not set	39	0	0
profenofos	whole	0.01	not set	39	0	0
propargite	whole	0.01	not set	39	0	0
prothiofos	whole	0.01	not set	39	0	0
pymetrozine	whole	0.01	0.01	39	0	0
pyrethrins	whole	0.05	1	39	0	0
pyridaben	whole	0.02	0.05	39	0	0
pyriproxyfen	whole	0.01	not set	39	0	0
spinetoram	whole	0.01	not set	39	0	0
spinosad	whole	0.01	0.01	39	0	0
spirotetramat	whole	0.01	not set	39	0	0
sulfoxaflor	whole	0.01	not set	39	0	0
tau-fluvalinate	whole	0.01	not set	39	0	0
tebufenozide	whole	0.01	not set	39	0	0
tebufenpyrad	whole	0.01	not set	39	0	0
terbufos	whole	0.01	not set	39	0	0
tetradifon	whole	0.01	not set	39	0	0
thiacloprid	whole	0.01	not set	39	0	0
thiamethoxam	whole	0.01	not set	39	0	0
thiodicarb	whole	0.01	not set	39	0	0
triazofos	whole	0.01	not set	39	0	0
trichlorfon	whole	0.01	0.1	39	0	0
triflumuron	whole	0.01	not set	39	0	0

Table 4 Contaminants

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
aldrin and dieldrin (HHDN+HEOD)	whole	0.01	not set	39	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
arsenic - Total	whole	0.05	no limit	23	0	0
cadmium	whole	0.01	no limit	23	0	0
chlordane	whole	0.01	not set	39	0	0
copper	whole	0.05	25	23	0	0
DDT	whole	0.01	not set	39	0	0
endrin	whole	0.01	not set	39	0	0
HCB (hexachlorobenzene)	whole	0.01	not set	39	0	0
HCH (or BHC)	whole	0.01	not set	39	0	0
heptachlor	whole	0.01	not set	39	0	0
lead	whole	0.01	no limit	23	0	0
lindane (gamma-HCH)	whole	0.01	not set	39	0	0
mercury	whole	0.01	no limit	23	0	0

Table 5 Fumigants

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
phosphine total	whole	0.005	0.01	23	0	0

Table 6 Physiological Modifier

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
diphenylamine	whole	0.01	not set	39	0	0