



Faba bean residue testing annual datasets 2015–16

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.

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Table 1 Fungicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
azoxystrobin	whole	0.01	not set	85	–	0
benalaxyl	whole	0.01	not set	85	–	0
bitertanol	whole	0.01	not set	85	–	0
boscalid	whole	0.01	0.5	85	0	0
bupirimate	whole	0.01	not set	85	–	0
captafol	whole	0.02	not set	85	–	0
captan	whole	0.02	not set	85	–	0
carbendazim	whole	0.01	0.5	85	0	0
chlorothalonil	whole	0.01	3	85	0	0
cyproconazole	whole	0.01	not set	85	–	0
cyprodinil	whole	0.01	not set	85	–	0
difenoconazole	whole	0.01	not set	85	–	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dimethomorph	whole	0.01	not set	85	–	0
dithianon	whole	0.01	not set	85	–	0
dodine	whole	0.01	not set	85	–	0
epoxiconazole	whole	0.01	not set	85	–	0
etridiazole	whole	0.01	0.2	85	0	0
fenarimol	whole	0.01	not set	85	–	0
fenhexamid	whole	0.01	not set	85	–	0
fluazinam	whole	0.01	not set	85	–	0
fludioxonil	whole	0.01	not set	85	–	0
fluquinconazole	whole	0.01	not set	85	–	0
flusilazole	whole	0.01	not set	85	–	0
flutriafol	whole	0.01	not set	85	–	3
fluxapyroxad	whole	0.01	0.1	85	0	0
hexaconazole	whole	0.01	not set	85	–	0
imazalil	whole	0.01	not set	85	–	0
ipconazole	whole	0.01	not set	85	–	0
iprodione	whole	0.01	not set	85	–	0
kresoxim-methyl	whole	0.01	not set	85	–	0
metalaxyl	whole	0.01	not set	85	–	0
myclobutanil	whole	0.01	not set	85	–	0
oxadixyl	whole	0.01	not set	85	–	0
penconazole	whole	0.01	not set	85	–	0
prochloraz	whole	0.01	not set	85	–	0
procymidone	whole	0.01	10	85	0	0
propiconazole	whole	0.01	not set	85	–	0
prothioconazole	whole	0.01	0.1	85	0	0
pyraclostrobin	whole	0.01	not set	85	–	0
pyrimethanil	whole	0.01	not set	85	–	0
quinoxifen	whole	0.01	not set	4	–	0
spiroxamine	whole	0.01	not set	85	–	0
tebuconazole	whole	0.01	0.5	85	0	0
thiabendazole	whole	0.01	not set	85	–	0
tolclofos methyl	whole	0.01	not set	85	–	0
triadimefon	whole	0.01	not set	85	–	0
triadimenol	whole	0.01	not set	85	–	0
trifloxystrobin	whole	0.01	not set	85	–	0
triticonazole	whole	0.01	not set	85	–	0
vinclozolin	whole	0.01	not set	85	–	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	0.01	not set	85	–	0
2,4-D	whole	0.01	0.05	85	0	0
amitrole	whole	0.01	0.01	26	0	0
atrazine	whole	0.01	not set	85	–	0
bromacil	whole	0.01	not set	85	–	0
bromoxynil	whole	0.01	not set	85	–	0
carfentrazone-ethyl	whole	0.01	not set	85	–	0
chlorpropham	whole	0.01	not set	85	–	0
chlorsulfuron	whole	0.01	not set	85	–	0
chlorthal-dimethyl	whole	0.01	not set	85	–	0
clethodim (parent only)	whole	0.01	0.1	85	0	0
clodinafop-propargyl	whole	0.01	not set	85	–	0
clopyralid	whole	0.01	not set	85	–	0
cyanazine	whole	0.01	0.01	85	0	0
dicamba	whole	0.01	not set	85	–	0
dichlobenil	whole	0.01	not set	85	–	0
dichlorprop-P	whole	0.01	not set	85	–	0
diclofop-methyl	whole	0.01	not set	26	–	0
diflufenican	whole	0.01	0.05	85	0	0
diquat	whole	0.01	1	26	0	0
diuron	whole	0.01	0.05	85	0	0
ethofumesate	whole	0.01	not set	85	–	0
fenoxaprop-ethyl	whole	0.01	not set	26	–	0
flamprop-M-methyl	whole	0.01	not set	26	–	0
fluazifop-p-butyl	whole	0.01	0.5	26	0	0
flumetsulam	whole	0.01	0.05	85	0	0
glufosinate	whole	0.01	not set	26	–	0
glyphosate	whole	0.01	5	26	0	0
haloxyfop	whole	0.01	0.1	26	0	0
imazamox	whole	0.01	0.05	85	0	0
imazapic	whole	0.01	not set	85	–	0
imazapyr	whole	0.01	not set	85	–	0
imazaquin	whole	0.01	not set	85	–	0
imazethapyr	whole	0.01	0.1	85	0	0
iodosulfuron-methyl	whole	0.01	not set	85	–	0
ioxynil	whole	0.01	not set	85	–	0
isoxaben	whole	0.01	not set	85	–	0
linuron	whole	0.01	not set	85	–	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
MCPA	whole	0.01	not set	85	–	0
methabenthiazuron	whole	0.01	not set	85	–	0
metolachlor	whole	0.01	0.01	85	0	0
metosulam	whole	0.01	not set	85	–	0
metribuzin	whole	0.01	0.01	85	0	0
metsulfuron-methyl	whole	0.01	not set	85	–	0
napropamide	whole	0.01	not set	85	–	0
norflurazon	whole	0.01	not set	85	–	0
oryzalin	whole	0.01	not set	85	–	0
oxyfluorfen	whole	0.01	not set	85	–	0
paraquat	whole	0.01	1	26	0	0
pendimethalin	whole	0.01	0.05	85	0	0
picloram	whole	0.01	not set	85	–	0
propachlor	whole	0.01	not set	85	–	0
propyzamide	whole	0.01	not set	74	–	0
quizalofop-ethyl	whole	0.01	0.2	26	0	0
quizalofop-P-tefuryl	whole	0.01	0.2	26	0	0
saflufenacil	whole	0.01	0.03	74	0	0
sethoxydim	whole	0.01	0.1	85	0	0
simazine	whole	0.01	0.01	85	0	0
tralkoxydim	whole	0.01	not set	85	–	0
triasulfuron	whole	0.01	not set	85	–	0
triclopyr	whole	0.01	not set	85	–	0
trifluralin	whole	0.01	0.05	85	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	0.002	85	0	0
acephate	whole	0.01	not set	85	–	0
acetamiprid	whole	0.01	not set	85	–	0
aldicarb	whole	0.01	not set	85	–	0
amitraz	whole	0.01	not set	85	–	0
azamethiphos	whole	0.01	not set	85	–	0
azinphos-methyl	whole	0.01	not set	85	–	0
bifenazate	whole	0.01	not set	85	–	0
bifenthrin	whole	0.01	0.02	85	0	0
bioresmethrin	whole	0.01	not set	85	–	0
buprofezin	whole	0.01	not set	85	–	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
cadusafos	whole	0.01	not set	85	–	0
carbaryl	whole	0.01	0.1	85	0	0
carbofuran	whole	0.01	not set	85	–	0
chlorantraniliprole	whole	0.01	0.01	85	0	0
chlorfenapyr	whole	0.01	not set	85	–	0
chlorfenvinphos	whole	0.01	not set	85	–	0
chlorpyrifos	whole	0.01	not set	85	–	0
chlorpyrifos–methyl	whole	0.01	not set	85	–	0
clofentezine	whole	0.01	not set	85	–	0
clothianidin	whole	0.01	not set	85	–	0
cyfluthrin	whole	0.01	0.5	85	0	0
cyhalothrin	whole	0.01	0.2	85	0	0
cypermethrin	whole	0.01	0.05	85	0	0
deltamethrin	whole	0.01	0.1	85	0	0
diafenthion	whole	0.01	not set	85	–	0
diazinon	whole	0.01	0.7	85	0	0
dichlorvos	whole	0.01	0.01	85	0	0
dicofol	whole	0.01	not set	85	–	0
diflubenzuron	whole	0.01	not set	85	–	0
dimethoate	whole	0.01	0.5	85	0	0
disulfoton	whole	0.01	not set	85	–	0
emamectin	whole	0.01	0.01	85	0	0
endosulfan	whole	0.01	not set	85	–	0
esfenvalerate	whole	0.01	0.5	85	0	0
ethion	whole	0.01	not set	85	–	0
ethoprophos	whole	0.005	not set	85	–	0
etoxazole	whole	0.01	not set	85	–	0
fenamiphos	whole	0.01	not set	85	–	0
fenbutatin oxide	whole	0.01	not set	85	–	0
fenitrothion	whole	0.01	0.1	85	0	0
fenoxycarb	whole	0.01	not set	85	–	0
fenpyroximate	whole	0.01	not set	85	–	0
fenthion	whole	0.01	not set	85	–	0
fenvalerate	whole	0.01	0.5	85	0	0
fipronil	whole	0.005	not set	85	–	0
hexythiazox	whole	0.01	not set	85	–	0
imidacloprid	whole	0.01	0.05	85	1	0
indoxacarb	whole	0.01	0.2	85	0	0
malathion (maldison)	whole	0.01	8	85	0	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
methacrifos	whole	0.01	not set	85	–	0
methamidophos	whole	0.01	not set	85	–	0
methidathion	whole	0.01	0.01	85	0	0
methiocarb	whole	0.01	not set	85	–	0
methomyl	whole	0.01	1	85	0	0
methoprene	whole	0.01	not set	85	–	0
methoxychlor	whole	0.01	not set	85	–	0
methoxyfenozide	whole	0.01	not set	85	–	0
mevinphos	whole	0.01	not set	85	–	0
monocrotophos	whole	0.01	not set	85	–	0
omethoate	whole	0.01	2	85	0	0
parathion	whole	0.01	not set	85	–	0
parathion–methyl	whole	0.01	not set	85	–	0
permethrin	whole	0.01	not set	85	–	0
phenothrin	whole	0.01	not set	85	–	0
phorate	whole	0.01	not set	85	–	0
phosmet	whole	0.01	not set	85	–	0
piperonyl butoxide	whole	0.01	8	85	0	0
pirimicarb	whole	0.01	0.02	85	0	0
pirimiphos–methyl	whole	0.01	not set	85	–	0
profenofos	whole	0.01	not set	85	–	0
propargite	whole	0.01	not set	85	–	0
prothiofos	whole	0.01	not set	85	–	0
pymetrozine	whole	0.01	not set	85	–	0
pyrethrins	whole	0.01	1	85	0	0
pyriproxyfen	whole	0.01	not set	85	–	0
spinetoram	whole	0.01	0.01	85	0	0
spinosad	whole	0.01	0.01	85	0	0
spirotetramat	whole	0.01	not set	85	–	0
sulfoxaflor	whole	0.01	not set	85	–	0
tau–fluvalinate	whole	0.01	not set	85	–	0
tebufenozide	whole	0.01	not set	85	–	0
tebufenpyrad	whole	0.01	not set	85	–	0
terbufos	whole	0.01	not set	85	–	0
tetradifon	whole	0.01	not set	85	–	0
thiacloprid	whole	0.01	not set	85	–	0
thiamethoxam	whole	0.01	not set	85	–	0
thiodicarb	whole	0.01	0.1	85	0	0
triazofos	whole	0.01	not set	85	–	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
trichlorfon	whole	0.01	0.2	85	0	0
triflumuron	whole	0.01	not set	85	–	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	85	–	0
chlordane	whole	0.01	0.02	85	0	0
DDT	whole	0.01	1	85	0	0
endrin	whole	0.01	not set	85	–	0
HCB (hexachlorobenzene)	whole	0.01	not set	85	–	0
HCH (or BHC)	whole	0.01	not set	85	–	0
heptachlor	whole	0.01	0.05	85	0	0
lindane (gamma-HCH)	whole	0.01	2	85	0	0
mirex	whole	0.01	not set	85	–	0

Table 5 Fumigants

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
phosphine	whole	0.005	0.01	13	0	0