



Faba bean residue testing annual datasets 2016–17

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	0.05	70	0	0
benalaxyl	whole	0.01	not set	70	–	0
bitertanol	whole	0.01	not set	70	–	0
boscalid	whole	0.01	0.5	70	0	0
bupirimate	whole	0.01	not set	70	–	0
captafol	whole	0.02	not set	70	–	0
captan	whole	0.01	not set	70	–	0
carbendazim	whole	0.01	0.5	70	0	0
chlorothalonil	whole	0.01	3	70	0	0
cyproconazole	whole	0.01	0.07	70	0	0
cyprodinil	whole	0.01	0.2	70	0	0
difenoconazole	whole	0.01	not set	70	–	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dimethomorph (sum of E and Z isomers)	whole	0.01	not set	70	–	0
dithianon	whole	0.01	not set	70	–	0
dodine	whole	0.01	not set	70	–	0
epoxiconazole	whole	0.01	not set	70	–	0
etridiazole	whole	0.01	0.2	70	0	0
fenarimol	whole	0.01	not set	70	–	0
fenhexamid	whole	0.01	not set	70	–	0
fluazinam	whole	0.01	not set	70	–	0
fludioxonil	whole	0.01	not set	70	–	0
fluquinconazole	whole	0.01	not set	70	–	0
flusilazole	whole	0.01	not set	70	–	0
flutriafol	whole	0.01	not set	70	–	0
fluxapyroxad	whole	0.01	0.1	70	0	0
hexaconazole	whole	0.01	not set	70	–	0
imazalil	whole	0.01	not set	70	–	0
ipconazole	whole	0.01	not set	70	–	0
iprodione	whole	0.01	not set	70	–	0
kresoxim-methyl	whole	0.01	not set	70	–	0
metalaxyl	whole	0.01	not set	70	–	0
myclobutanil	whole	0.01	not set	70	–	0
oxadixyl	whole	0.01	not set	70	–	0
penconazole	whole	0.01	not set	70	–	0
prochloraz	whole	0.01	not set	70	–	0
procymidone	whole	0.01	10	70	0	0
propiconazole	whole	0.01	0.3	70	0	0
prothioconazole	whole	0.01	0.7	70	0	0
pyraclostrobin	whole	0.01	not set	70	–	0
pyrimethanil	whole	0.01	not set	70	–	0
quinoxifen	whole	0.01	not set	70	–	0
spiroxamine-P	whole	0.01	not set	70	–	0
tebuconazole	whole	0.01	1	70	0	0
thiabendazole	whole	0.01	not set	70	–	0
tolclofos methyl	whole	0.01	not set	70	–	0
triadimefon	whole	0.01	not set	70	–	0
triadimenol	whole	0.01	not set	70	–	0
trifloxystrobin	whole	0.01	not set	70	–	0
triticonazole	whole	0.01	not set	70	–	0
vinclozolin	whole	0.01	not set	70	–	0

Table 2 Herbicides

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
2,2-DPA (2,2-dichloropropionic acid)	whole	0.01	not set	70	–	0
2,4-D	whole	0.01	0.05	70	0	0
amitrole	whole	0.01	0.01	11	0	0
atrazine	whole	0.01	not set	70	–	0
bromacil	whole	0.01	not set	70	–	0
bromoxynil	whole	0.01	not set	70	–	0
carfentrazone-ethyl	whole	0.01	not set	70	–	0
chlorpropham	whole	0.01	not set	70	–	0
chlorsulfuron	whole	0.01	not set	70	–	0
chlorthal-dimethyl	whole	0.01	not set	70	–	0
clethodim (parent only)	whole	0.01	0.1	70	0	0
clodinafop-propargyl	whole	0.01	not set	70	–	0
clopyralid	whole	0.01	not set	70	–	0
cyanazine	whole	0.01	0.01	70	0	0
dicamba	whole	0.01	not set	70	–	0
dichlobenil	whole	0.01	not set	70	–	0
dichlorprop-P	whole	0.01	not set	70	–	0
diclofop-methyl	whole	0.01	not set	11	–	0
diflufenican	whole	0.01	0.05	70	0	0
diquat	whole	0.01	1	11	0	0
diuron	whole	0.01	0.05	70	0	0
ethofumesate	whole	0.01	not set	70	–	0
fenoxaprop-ethyl	whole	0.01	not set	11	–	0
flamprop-M-methyl	whole	0.01	not set	11	–	0
fluazifop-p-butyl	whole	0.01	0.5	11	0	0
flumetsulam	whole	0.01	0.05	70	0	0
glufosinate	whole	0.01	not set	11	–	0
glyphosate	whole	0.01	5	11	0	0
haloxyfop	whole	0.01	0.1	11	0	0
imazamox	whole	0.01	0.05	70	0	0
imazapic	whole	0.01	not set	70	–	0
imazapyr	whole	0.01	not set	70	–	0
imazaquin	whole	0.01	not set	70	–	0
imazethapyr	whole	0.01	0.1	70	0	0
iodosulfuron-methyl	whole	0.01	not set	70	–	0
ioxynil	whole	0.01	not set	70	–	0
isoxaben	whole	0.01	not set	70	–	0
linuron	whole	0.01	not set	70	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
MCPA	whole	0.01	not set	70	–	0
methabenzthiazuron	whole	0.01	not set	70	–	0
metolachlor	whole	0.01	0.01	70	0	0
metosulam	whole	0.01	not set	70	–	0
metribuzin	whole	0.01	0.01	70	0	0
metsulfuron-methyl	whole	0.01	not set	70	–	0
napropamide	whole	0.01	not set	70	–	0
norflurazon	whole	0.01	not set	70	–	0
oryzalin	whole	0.01	not set	70	–	0
oxyfluorfen	whole	0.01	not set	70	–	0
paraquat	whole	0.01	1	11	0	0
pendimethalin	whole	0.01	0.05	70	0	0
picloram	whole	0.01	not set	70	–	0
propachlor	whole	0.01	not set	70	–	0
propyzamide	whole	0.01	0.01	70	0	0
quizalofop-ethyl	whole	0.01	0.2	11	0	0
quizalofop-P-tefuryl	whole	0.01	0.2	11	0	0
saflufenacil	whole	0.01	0.2	70	0	0
sethoxydim	whole	0.01	0.1	70	0	0
simazine	whole	0.01	0.01	70	0	0
tralkoxydim	whole	0.01	not set	70	–	0
triasulfuron	whole	0.01	not set	70	–	0
triclopyr	whole	0.01	not set	70	–	0
trifluralin	whole	0.01	0.05	70	0	0

Table 3 Insecticides

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
abamectin	whole	0.01	0.002	70	0	0
acephate	whole	0.01	not set	70	–	0
acetamiprid	whole	0.01	not set	70	–	0
aldicarb	whole	0.01	not set	70	–	0
amitraz	whole	0.01	not set	70	–	0
azamethiphos	whole	0.01	not set	70	–	0
azinphos-methyl	whole	0.01	not set	70	–	0
bifenazate	whole	0.01	not set	70	–	0
bifenthrin	whole	0.01	0.02	70	0	0
bioresmethrin	whole	0.01	not set	70	–	0
buprofezin	whole	0.01	not set	70	–	0

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Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
cadusafos	whole	0.01	not set	70	–	0
carbaryl	whole	0.01	0.1	70	0	0
carbofuran	whole	0.01	not set	70	–	0
chlorantraniliprole	whole	0.01	0.01	70	0	0
chlorfenapyr	whole	0.01	not set	70	–	0
chlorfenvinphos (sum of isomers)	whole	0.01	not set	70	–	0
chlorpropham	whole	0.01	not set	70	–	0
chlorpyrifos	whole	0.01	not set	70	–	0
chlorpyrifos-methyl	whole	0.01	not set	70	–	0
clofentezine	whole	0.01	not set	70	–	0
clothianidin	whole	0.01	not set	70	–	0
cyfluthrin (sum of isomers)	whole	0.01	0.5	70	0	0
cyhalothrin (sum of isomers)	whole	0.01	0.2	70	0	0
cypermethrin (sum of isomers)	whole	0.01	0.05	70	0	0
deltamethrin	whole	0.01	0.1	70	0	0
diafenthiuron	whole	0.01	not set	70	–	0
diazinon	whole	0.01	0.7	70	0	0
dichlorvos	whole	0.01	0.01	70	0	0
dicofol	whole	0.01	not set	70	–	0
diflubenzuron	whole	0.01	not set	70	–	0
dimethoate	whole	0.01	0.5	70	0	0
disulfoton	whole	0.01	not set	70	–	0
emamectin	whole	0.01	0.01	70	0	0
esfenvalerate	whole	0.01	0.5	70	0	0
ethion	whole	0.01	not set	70	–	0
ethoprophos	whole	0.005	not set	70	–	0
etoxazole	whole	0.01	not set	70	–	0
fenamiphos	whole	0.01	not set	70	–	0
fenbutatin oxide	whole	0.01	not set	70	–	0
fenitrothion	whole	0.01	0.1	70	0	0
fenoxycarb	whole	0.01	not set	70	–	0
fenpyroximate	whole	0.01	not set	70	–	0
fenthion	whole	0.01	not set	70	–	0
fenvalerate (sum of isomers)	whole	0.01	0.5	70	0	0
fipronil	whole	0.002	not set	70	–	0
hexythiazox	whole	0.01	not set	70	–	0

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Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
imidacloprid	whole	0.01	0.05	70	2	0
indoxacarb	whole	0.01	0.2	70	0	0
malathion (maldison)	whole	0.01	2	70	0	0
methacrifos	whole	0.01	not set	70	–	0
methamidophos	whole	0.01	not set	70	–	0
methidathion	whole	0.01	not set	70	–	0
methiocarb	whole	0.01	not set	70	–	0
methomyl	whole	0.01	1	70	0	0
methoprene	whole	0.01	not set	70	–	0
methoxychlor	whole	0.01	not set	70	–	0
methoxyfenozide	whole	0.01	not set	70	–	0
mevinphos	whole	0.01	not set	70	–	0
monocrotophos	whole	0.01	not set	70	–	0
omethoate	whole	0.01	2	70	0	0
parathion	whole	0.01	not set	70	–	0
parathion-methyl	whole	0.01	not set	70	–	0
permethrin (sum of isomers)	whole	0.01	not set	70	–	0
phenothrin (sum of isomers)	whole	0.01	not set	70	–	0
phorate	whole	0.01	not set	70	–	0
phosmet	whole	0.01	not set	70	–	0
piperonyl butoxide	whole	0.01	8	70	0	0
pirimicarb	whole	0.01	0.02	70	0	0
pirimiphos-methyl	whole	0.01	not set	70	–	0
profenofos	whole	0.01	not set	70	–	0
propargite	whole	0.01	not set	70	–	0
prothiofos	whole	0.01	not set	70	–	0
pymetrozine	whole	0.01	not set	70	–	0
pyrethrins	whole	0.01	1	70	0	0
pyriproxyfen	whole	0.01	not set	70	–	0
spinetoram	whole	0.01	0.01	70	0	0
spinosad	whole	0.01	0.01	70	0	0
spirotetramat	whole	0.01	not set	70	–	0
sulfoxaflor	whole	0.01	not set	70	–	0
tau-fluvalinate	whole	0.01	not set	70	–	0
tebufenozide	whole	0.01	not set	70	–	0
tebufenpyrad	whole	0.01	not set	70	–	0
terbufos	whole	0.01	not set	70	–	0
tetradifon	whole	0.01	not set	70	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
thiacloprid	whole	0.01	not set	70	–	0
thiamethoxam	whole	0.01	not set	70	–	0
thiodicarb	whole	0.01	0.1	70	0	0
triazofos	whole	0.01	not set	70	–	0
trichlorfon	whole	0.01	0.2	70	0	0
triflumuron	whole	0.01	not set	70	–	0

Table 4 Contaminants

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
aldrin and dieldrin (HHDN+HEOD)	whole	0.01	not set	70	–	0
chlordane	whole	0.01	0.02	70	0	0
DDT	whole	0.01	1	70	0	0
endosulfan	whole	0.01	not set	70	–	0
endrin	whole	0.01	not set	70	–	0
HCB (hexachlorobenzene)	whole	0.01	not set	70	–	0
HCH (BHC)	whole	0.01	not set	70	–	0
heptachlor	whole	0.01	0.05	70	0	0
lindane (gamma-HCH)	whole	0.01	2	70	0	0
mirex	whole	0.01	not set	70	–	0

Table 5 Fumigants

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
phosphine total	whole	0.005	0.01	6	0	0