



Faba bean/broad bean residue testing annual datasets 2019–20

National Residue Survey, Department of Agriculture, Water and the Environment

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

Although the Australian Government has exercised due care and skill in the preparation and compilation of this publication, it does not warrant its accuracy, completeness, currency or suitability for any purpose. To the maximum extent permitted by law, the Australian Government disclaims all liability, including liability in negligence for any loss, damage, cost or expense incurred by persons as a result of accessing, using or relying on any of the information or data set out in this publication. Before relying on the material in any matters, users should carefully evaluate its accuracy, currency, completeness and relevance for the purposes intended, and should obtain any appropriate professional advice relevant to their particular circumstances.

Table 1 Fungicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
azoxystrobin	whole	0.01	0.3	125	0	0
benalaxyl	whole	0.01	not set	125	–	0
bitertanol	whole	0.01	not set	125	–	0
bixafen	whole	0.01	0.01	125	0	0
boscalid	whole	0.01	0.5	125	0	0
bupirimate	whole	0.01	not set	125	–	0
captafol	whole	0.02	not set	125	–	0
captan	whole	0.01	not set	125	–	0
carbendazim	whole	0.01	0.5	125	0	0
carboxin	whole	0.01	not set	125	–	0

Faba bean/broad bean residue testing annual datasets 2019–20

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
chlorothalonil	whole	0.01	3	125	0	0
cyproconazole	whole	0.01	not set	125	–	0
cyprodinil	whole	0.01	0.2	125	0	0
difenoconazole	whole	0.01	not set	125	–	0
dimethomorph (sum of E and Z isomers)	whole	0.01	not set	125	–	0
dithianon	whole	0.01	not set	125	–	0
dodine	whole	0.01	not set	125	–	0
epoxiconazole	whole	0.01	not set	125	–	0
etridiazole	whole	0.01	0.2	125	0	0
fenarimol	whole	0.01	not set	125	–	0
fenbuconazole	whole	0.01	not set	125	–	0
fenhexamid	whole	0.01	not set	125	–	0
fluazinam	whole	0.01	not set	125	–	0
fludioxonil	whole	0.01	0.1	125	0	0
fluquinconazole	whole	0.01	not set	125	–	0
flusilazole	whole	0.01	not set	125	–	0
flutriafol	whole	0.01	0.05	125	0	0
fluxapyroxad	whole	0.01	0.1	125	0	0
hexaconazole	whole	0.01	not set	125	–	0
imazalil	whole	0.01	not set	125	–	0
ipconazole	whole	0.01	not set	125	–	0
iprodione	whole	0.01	not set	125	–	0
isoprothiolane	whole	0.01	not set	125	–	0
kresoxim-methyl	whole	0.01	not set	125	–	0
metalaxyl	whole	0.01	not set	125	–	0
myclobutanil	whole	0.01	not set	125	–	0
oxadixyl	whole	0.01	not set	125	–	0
penconazole	whole	0.01	not set	125	–	0
penflufen	whole	0.01	not set	125	–	0
prochloraz	whole	0.01	not set	125	–	0
procymidone	whole	0.01	10	125	0	0
propiconazole	whole	0.01	0.3	125	0	0
prothioconazole	whole	0.01	0.7	125	0	0
pyraclostrobin	whole	0.01	not set	125	–	0
pyrimethanil	whole	0.01	not set	125	–	0
quinoxifen	whole	0.01	not set	125	–	0
sedaxane	whole	0.01	not set	125	–	0
spiroxamine	whole	0.01	not set	125	–	0
tebuconazole	whole	0.01	1	125	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
thiabendazole	whole	0.01	not set	125	–	0
tolclofos methyl	whole	0.01	not set	125	–	0
triadimefon	whole	0.01	not set	125	–	0
triadimenol	whole	0.01	not set	125	–	0
trifloxystrobin	whole	0.01	not set	125	–	0
triticonazole	whole	0.01	not set	125	–	0
vinclozolin	whole	0.01	not set	125	–	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	125	–	0
2,4-D	whole	0.01	0.05	125	0	0
2,4-DB	whole	0.01	not set	125	–	0
aminopyralid	whole	0.01	not set	125	–	0
amitrole	whole	0.01	0.01	20	0	0
atrazine	whole	0.01	not set	125	–	0
bentazone	whole	0.01	0.01	125	0	0
bromacil	whole	0.01	not set	125	–	0
bromoxynil	whole	0.01	not set	125	–	0
butoxydim	whole	0.01	0.01	125	0	0
carfentrazone-ethyl	whole	0.01	not set	125	–	0
chlormequat	whole	0.01	not set	20	–	0
chlorpropham	whole	0.01	not set	125	–	0
chlorsulfuron	whole	0.01	not set	125	–	0
chlorthal-dimethyl	whole	0.01	not set	125	–	0
clethodim (parent only)	whole	0.01	0.1	125	0	0
clodinafop-propargyl	whole	0.01	not set	125	–	0
clopyralid	whole	0.01	not set	125	–	0
cyanazine	whole	0.01	0.01	125	0	0
dicamba	whole	0.01	not set	125	–	0
dichlobenil	whole	0.01	not set	125	–	0
dichlorprop-P	whole	0.01	not set	20	–	0
diclofop-methyl	whole	0.01	not set	20	–	0
diflufenican	whole	0.01	0.05	125	0	0
diquat	whole	0.01	1	20	0	0
diuron	whole	0.01	0.05	125	0	0
ethofumesate	whole	0.01	not set	125	–	0
fenoxaprop-ethyl	whole	0.01	not set	125	–	0

Faba bean/broad bean residue testing annual datasets 2019–20

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
flamprop-M-methyl	whole	0.01	not set	20	–	0
fluazifop-p-butyl	whole	0.01	0.5	20	0	0
flumetsulam	whole	0.01	0.05	125	0	0
flumioxazin	whole	0.01	0.1	125	0	0
fluroxypyr	whole	0.01	not set	125	–	0
glufosinate	whole	0.01	not set	20	–	0
glyphosate	whole	0.01	5	20	0	0
haloxyfop	whole	0.01	0.1	20	0	0
imazamox	whole	0.01	0.05	123	0	0
imazapic	whole	0.01	not set	123	–	0
imazapyr	whole	0.01	0.05	123	0	0
imazaquin	whole	0.01	not set	123	–	0
imazethapyr	whole	0.01	0.1	123	0	0
iodosulfuron-methyl	whole	0.01	not set	125	–	0
ioxynil	whole	0.01	not set	125	–	0
isoxaben	whole	0.01	not set	125	–	0
linuron	whole	0.01	not set	125	–	0
MCPA	whole	0.01	not set	125	–	0
methabenzthiazuron	whole	0.01	not set	125	–	0
metolachlor	whole	0.01	0.01	125	0	0
metosulam	whole	0.01	not set	125	–	0
metribuzin	whole	0.01	0.01	125	0	0
metsulfuron-methyl	whole	0.01	not set	125	–	0
napropamide	whole	0.01	not set	125	–	0
norflurazon	whole	0.01	not set	125	–	0
oryzalin	whole	0.01	not set	125	–	0
oxyfluorfen	whole	0.01	not set	125	–	0
paraquat	whole	0.01	1	20	0	0
pendimethalin	whole	0.01	0.05	125	0	0
picloram	whole	0.01	not set	125	–	0
propachlor	whole	0.01	not set	125	–	0
propaquizafop	whole	0.01	0.05	20	0	0
propyzamide	whole	0.01	0.01	125	0	0
quizalofop-ethyl	whole	0.01	0.2	20	0	0
quizalofop-P-tefuryl	whole	0.01	0.2	20	0	0
saflufenacil	whole	0.01	0.2	125	0	0
sethoxydim	whole	0.01	0.1	125	0	0
simazine	whole	0.01	0.01	125	0	0
terbutryn	whole	0.01	not set	125	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
tralkoxydim	whole	0.01	not set	125	–	0
triallate	whole	0.01	0.1	125	0	0
triasulfuron	whole	0.01	not set	125	–	0
triclopyr	whole	0.01	not set	125	–	0
trifluralin	whole	0.01	0.05	125	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	125	0	0
acephate	whole	0.01	not set	125	–	0
acetamiprid	whole	0.01	not set	125	–	0
aldicarb	whole	0.01	not set	125	–	0
amitraz	whole	0.01	not set	125	–	0
azamethiphos	whole	0.01	not set	125	–	0
azinphos-methyl	whole	0.01	not set	125	–	0
bifenazate	whole	0.01	not set	125	–	0
bifenthrin	whole	0.01	0.02	125	0	0
bioresmethrin	whole	0.01	not set	125	–	0
buprofezin	whole	0.01	not set	125	–	0
cadusafos	whole	0.01	not set	125	–	0
carbaryl	whole	0.01	0.1	125	0	0
carbofuran	whole	0.01	not set	125	–	0
chlorantraniliprole	whole	0.01	0.07	125	0	0
chlorfenapyr	whole	0.01	not set	125	–	0
chlorfenvinphos (sum of isomers)	whole	0.01	not set	125	–	0
chlorpyrifos	whole	0.01	not set	125	–	0
chlorpyrifos-methyl	whole	0.01	0.15	125	0	0
clofentezine	whole	0.01	not set	125	–	0
clothianidin	whole	0.01	0.1	125	0	0
cyfluthrin (sum of isomers)	whole	0.01	0.5	125	0	0
cyhalothrin (sum of isomers)	whole	0.01	0.2	125	0	0
cypermethrin (sum of isomers)	whole	0.01	0.05	125	0	0
deltamethrin	whole	0.01	0.1	125	0	0
diafenthiuron	whole	0.01	not set	125	–	0
diazinon	whole	0.01	0.7	125	0	0
dichlorvos	whole	0.01	0.01	125	0	0

Faba bean/broad bean residue testing annual datasets 2019–20

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dicofol	whole	0.01	not set	125	–	0
diflubenzuron	whole	0.01	not set	125	–	0
dimethoate	whole	0.01	0.5	125	0	0
disulfoton	whole	0.01	not set	125	0	0
emamectin	whole	0.01	0.01	125	0	0
esfenvalerate	whole	0.01	0.5	125	0	0
ethion	whole	0.01	not set	125	–	0
ethoprophos	whole	0.005	not set	125	–	0
etoxazole	whole	0.01	not set	125	–	0
fenamiphos	whole	0.01	not set	125	–	0
fenbutatin oxide	whole	0.01	not set	125	–	0
fenitrothion	whole	0.01	0.1	125	0	0
fenoxycarb	whole	0.01	not set	125	–	0
fenpyroximate	whole	0.01	not set	125	–	0
fenthion	whole	0.01	not set	125	–	0
fenvalerate (sum of isomers)	whole	0.01	0.5	125	0	0
fipronil	whole	0.002	not set	125	–	0
hexythiazox	whole	0.01	not set	125	–	0
imidacloprid	whole	0.01	0.05	125	0	1
indoxacarb	whole	0.01	0.2	125	0	0
malathion (maldison)	whole	0.01	2	125	0	0
methacrifos	whole	0.01	not set	125	–	0
methamidophos	whole	0.01	not set	125	–	0
methidathion	whole	0.01	not set	125	–	0
methiocarb	whole	0.01	not set	125	–	0
methomyl	whole	0.01	1	125	0	0
methoprene	whole	0.01	not set	125	–	0
methoxychlor	whole	0.01	not set	125	–	0
methoxyfenozide	whole	0.01	not set	125	–	0
mevinphos	whole	0.01	not set	125	–	0
monocrotophos	whole	0.01	not set	125	–	0
omethoate	whole	0.01	2	125	0	0
parathion	whole	0.01	not set	125	–	0
parathion-methyl	whole	0.01	not set	125	–	0
permethrin (sum of isomers)	whole	0.01	not set	125	–	0
phenothrin (sum of isomers)	whole	0.01	not set	125	–	0
phorate	whole	0.01	not set	125	–	0
phosmet	whole	0.01	not set	125	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
piperonyl butoxide	whole	0.01	8	125	0	0
pirimicarb	whole	0.01	0.02	125	0	0
pirimiphos-methyl	whole	0.01	not set	125	–	0
profenofos	whole	0.01	not set	125	–	0
propargite	whole	0.01	not set	125	–	0
prothiofos	whole	0.01	not set	125	–	0
pymetrozine	whole	0.01	0.02	125	0	0
pyrethrins	whole	0.01	1	125	0	0
pyriproxyfen	whole	0.01	not set	125	–	0
spinetoram	whole	0.01	0.01	125	0	0
spinosad	whole	0.01	0.01	125	0	0
spirotetramat	whole	0.01	not set	125	–	0
sulfoxaflor	whole	0.01	not set	125	–	0
tau-fluvalinate	whole	0.01	not set	125	–	0
tebufenozide	whole	0.01	not set	125	–	0
tebufenpyrad	whole	0.01	not set	125	–	0
terbufos	whole	0.01	not set	125	–	0
tetradifon	whole	0.01	not set	125	–	0
thiacloprid	whole	0.01	not set	125	–	0
thiamethoxam	whole	0.01	0.5	125	0	0
thiodicarb	whole	0.01	0.1	125	0	0
triazofos	whole	0.01	not set	125	–	0
trichlorfon	whole	0.01	0.2	125	0	0
triflumuron	whole	0.01	not set	125	–	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	125	–	0
chlordane	whole	0.01	0.02	125	0	0
DDT	whole	0.01	1	125	0	0
endosulfan	whole	0.01	not set	125	–	0
endrin	whole	0.01	not set	125	–	0
HCB (hexachlorobenzene)	whole	0.01	not set	125	–	0
HCH (BHC)	whole	0.01	not set	125	–	0
heptachlor	whole	0.01	0.05	125	0	0
lindane (gamma-HCH)	whole	0.01	2	125	0	0
mirex	whole	0.01	not set	125	–	0