Australian Government
Department of Agriculture

Faba bean/broad bean residue testing annual datasets 2018–19

National Residue Survey, Department of Agriculture

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
azoxystrobin	whole	0.01	0.3	95	0	0
benalaxyl	whole	0.01	not set	95	–	0
bitertanol	whole	0.01	not set	95	–	0
bixafen-P	whole	0.01	0.01	58	0	0
boscalid	whole	0.01	0.5	95	0	0
bupirimate	whole	0.01	not set	95	–	0
captafol	whole	0.02	not set	95	–	0
captan	whole	0.01	not set	95	–	0
carbendazim	whole	0.01	0.5	95	0	0
carboxin	whole	0.01	not set	58	–	0
chlorothalonil	whole	0.01	3	95	0	0
cyproconazole	whole	0.01	not set	95	–	0
cyprodinil	whole	0.01	0.2	95	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	95	–	0
dimethomorph (sum of E and Z isomers)	whole	0.01	not set	95	–	0
dithianon	whole	0.01	not set	95	–	0
dodine	whole	0.01	not set	95	–	0
epoxiconazole	whole	0.01	not set	95	–	0
etridiazole	whole	0.01	0.2	95	0	0
fenarimol	whole	0.01	not set	95	–	0
fenbuconazole	whole	0.01	not set	58	–	0
fenhexamid	whole	0.01	not set	95	–	0
fluazinam	whole	0.01	not set	95	–	0
fludioxonil	whole	0.01	not set	95	–	0
fluquinconazole	whole	0.01	not set	95	–	0
flusilazole	whole	0.01	not set	95	–	0
flutriafol	whole	0.01	0.05	95	0	0
fluxapyroxad	whole	0.01	0.1	95	0	0
hexaconazole	whole	0.01	not set	95	–	0
imazalil	whole	0.01	not set	95	–	0
ipconazole	whole	0.01	not set	95	–	0
iprodione	whole	0.01	not set	95	–	0
isoprothiolane	whole	0.01	not set	58	–	0
kresoxim-methyl	whole	0.01	not set	95	–	0
metalaxyl	whole	0.01	not set	95	–	0
myclobutanil	whole	0.01	not set	95	–	0
oxadixyl	whole	0.01	not set	95	–	0
penconazole	whole	0.01	not set	95	–	0
penflufen	whole	0.01	not set	58	–	0
prochloraz	whole	0.01	not set	95	–	0
procymidone	whole	0.01	10	95	0	0
propiconazole	whole	0.01	0.3	95	0	0
prothioconazole	whole	0.01	0.7	95	0	0
pyraclostrobin	whole	0.01	not set	95	–	0
pyrimethanil	whole	0.01	not set	95	–	0
quinoxyfen	whole	0.01	not set	95	–	0
sedaxane	whole	0.01	not set	58	–	0
spiroxamine-P	whole	0.01	not set	95	–	0
tebuconazole	whole	0.01	1	95	0	0
thiabendazole-P	whole	0.01	not set	95	–	0
tolclofos methyl	whole	0.01	not set	95	–	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
triadimefon	whole	0.01	not set	95	–	0
triadimenol	whole	0.01	not set	95	–	0
trifloxystrobin	whole	0.01	not set	95	–	0
triticonazole	whole	0.01	not set	95	–	0
vinclozolin	whole	0.01	not set	95	–	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	95	–	0
2,4-D	whole	0.01	0.05	95	0	0
2,4-DB	whole	0.01	not set	58	–	0
aminopyralid	whole	0.01	not set	58	–	0
amitrole	whole	0.01	0.01	22	0	0
atrazine	whole	0.01	not set	95	–	0
bentazone	whole	0.01	0.01	58	0	0
bromacil	whole	0.01	not set	95	–	0
bromoxynil	whole	0.01	not set	95	–	0
butroxydim	whole	0.01	0.01	58	0	0
carfentrazone-ethyl	whole	0.01	not set	95	–	0
chlorpropham	whole	0.01	not set	95	–	0
chlorsulfuron	whole	0.01	not set	95	–	0
chlorthal-dimethyl	whole	0.01	not set	95	–	0
clethodim (parent only)	whole	0.01	0.1	95	0	0
clodinafop-propargyl	whole	0.01	not set	95	–	0
clopyralid	whole	0.01	not set	95	–	0
cyanazine	whole	0.01	0.01	95	0	0
dicamba	whole	0.01	not set	95	–	0
dichlobenil	whole	0.01	not set	95	–	0
dichlorprop-P	whole	0.02	not set	68	–	0
diclofop-methyl	whole	0.01	not set	22	–	0
diflufenican	whole	0.01	0.05	95	0	0
diquat	whole	0.01	1	22	0	0
diuron	whole	0.01	0.05	95	0	0
ethofumesate	whole	0.01	not set	95	–	0
fenoxaprop-ethyl	whole	0.01	not set	22	–	0
flamprop-M-methyl	whole	0.01	not set	22	–	0
fluazifop-p-butyl	whole	0.01	0.5	22	0	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
flumetsulam	whole	0.01	0.05	95	0	0
flumioxazin	whole	0.01	0.1	58	0	0
fluroxypyr	whole	0.01	not set	58	–	0
glufosinate	whole	0.01	not set	22	–	0
glyphosate	whole	0.01	5	22	0	0
haloxyfop	whole	0.01	0.1	22	0	0
imazamox	whole	0.01	0.05	95	0	0
imazapic	whole	0.01	not set	95	–	0
imazapyr	whole	0.01	not set	95	–	0
imazaquin	whole	0.01	not set	95	–	0
imazethapyr	whole	0.01	0.1	95	0	0
iodosulfuron-methyl	whole	0.01	not set	95	–	0
ioxynil	whole	0.01	not set	95	–	0
isoxaben	whole	0.01	not set	95	–	0
linuron	whole	0.01	not set	95	–	0
MCPA	whole	0.01	not set	95	–	0
methabenzthiazuron	whole	0.01	not set	95	–	0
metolachlor	whole	0.01	0.01	95	0	0
metosulam	whole	0.01	not set	95	–	0
metribuzin	whole	0.01	0.01	95	0	0
metsulfuron-methyl	whole	0.01	not set	95	–	0
napropamide	whole	0.01	not set	95	–	0
norflurazon	whole	0.01	not set	95	–	0
oryzalin	whole	0.01	not set	95	–	0
oxyfluorfen	whole	0.01	not set	95	–	0
paraquat	whole	0.01	1	22	0	0
pendimethalin	whole	0.01	0.05	95	0	0
picloram	whole	0.01	not set	95	–	0
propachlor	whole	0.01	not set	95	–	0
propaquizafop	whole	0.02	0.05	3	0	0
propyzamide	whole	0.01	0.01	95	0	0
quizalofop-ethyl	whole	0.01	0.2	22	0	0
quizalofop-P-tefuryl	whole	0.01	0.2	22	0	0
saflufenacil	whole	0.01	0.2	95	0	0
sethoxydim	whole	0.01	0.1	95	0	0
simazine	whole	0.01	0.01	95	0	0
terbutryn	whole	0.01	not set	58	–	0
tralkoxydim	whole	0.01	not set	95	–	0
triallate	whole	0.01	0.1	58	0	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
triasulfuron	whole	0.01	not set	95	–	0
triclopyr	whole	0.01	not set	95	–	0
trifluralin	whole	0.01	0.05	95	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	95	0	0
emamectin	whole	0.01	0.01	95	0	0
acephate	whole	0.01	not set	95	–	0
acetamiprid-P	whole	0.01	not set	95	–	0
aldicarb	whole	0.01	not set	95	–	0
amitraz	whole	0.01	not set	95	–	0
azamethiphos	whole	0.01	not set	95	–	0
azinphos-methyl	whole	0.01	not set	95	–	0
bifenazate	whole	0.01	not set	95	–	0
bifenthrin	whole	0.01	0.02	95	0	0
bioresmethrin	whole	0.01	not set	95	–	0
buprofezin	whole	0.01	not set	95	–	0
cadusafos	whole	0.01	not set	95	–	0
carbaryl	whole	0.01	0.1	95	0	0
carbofuran	whole	0.01	not set	95	–	0
chlorantraniliprole	whole	0.01	0.07	95	0	0
chlorfenapyr	whole	0.01	not set	95	–	0
chlorfenvinphos (sum of isomers)	whole	0.01	not set	95	–	0
chlorpyrifos	whole	0.01	not set	95	–	0
chlorpyrifos-methyl	whole	0.01	0.15	95	0	0
clofentezine	whole	0.01	not set	95	–	0
clothianidin	whole	0.01	not set	95	–	0
cyfluthrin (sum of isomers)	whole	0.01	0.5	95	0	0
cyhalothrin (sum of isomers)	whole	0.01	0.2	95	0	0
cypermethrin (sum of isomers)	whole	0.01	0.05	95	0	0
deltamethrin	whole	0.01	0.1	95	0	0
diafenthiuron	whole	0.01	not set	95	–	0
diazinon	whole	0.01	0.7	95	0	0
dichlorvos	whole	0.01	0.01	95	0	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dicofol	whole	0.01	not set	95	–	0
diflubenzuron	whole	0.01	not set	95	–	0
dimethoate	whole	0.01	0.5	95	0	0
disulfoton	whole	0.01	not set	95	–	0
esfenvalerate	whole	0.01	0.5	95	0	0
ethion	whole	0.01	not set	95	–	0
ethoprophos	whole	0.005	not set	95	–	0
etoxazole	whole	0.01	not set	95	–	0
fenamiphos	whole	0.01	not set	95	–	0
fenbutatin oxide	whole	0.01	not set	95	–	0
fenitrothion	whole	0.01	0.1	95	0	0
fenoxycarb	whole	0.01	not set	95	–	0
fenpyroximate	whole	0.01	not set	95	–	0
fenthion	whole	0.01	not set	95	–	0
fenvalerate (sum of isomers)	whole	0.01	0.5	95	0	0
fipronil	whole	0.002	not set	95	–	0
hexythiazox	whole	0.01	not set	95	–	0
imidacloprid	whole	0.01	0.05	95	0	1
indoxacarb	whole	0.01	0.2	95	0	0
malathion (maldison)	whole	0.01	2	95	0	0
methacrifos	whole	0.01	not set	95	–	0
methamidophos	whole	0.01	not set	95	–	0
methidathion	whole	0.01	not set	95	–	0
methiocarb	whole	0.01	not set	95	–	0
methomyl	whole	0.01	1	95	0	0
methoprene	whole	0.01	not set	95	–	0
methoxychlor	whole	0.01	not set	95	–	0
methoxyfenozide	whole	0.01	not set	95	–	0
mevinphos	whole	0.01	not set	95	–	0
monocrotophos	whole	0.01	not set	95	–	0
omethoate	whole	0.01	2	95	0	0
parathion	whole	0.01	not set	95	–	0
parathion-methyl	whole	0.01	not set	95	–	0
permethrin (sum of isomers)	whole	0.01	not set	95	–	0
phenothrin (sum of isomers)	whole	0.01	not set	95	–	0
phorate	whole	0.01	not set	95	–	0
phosmet	whole	0.01	not set	95	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
piperonyl butoxide	whole	0.01	not set	95	–	0
pirimicarb	whole	0.01	0.02	95	0	0
pirimiphos-methyl	whole	0.01	not set	95	–	0
profenofos	whole	0.01	not set	95	–	0
propargite	whole	0.01	not set	95	–	0
prothiofos	whole	0.01	not set	95	–	0
pymetrozine	whole	0.01	0.02	95	0	0
pyrethrins	whole	0.01	1	95	0	0
pyriproxyfen	whole	0.01	not set	95	–	0
spinetoram	whole	0.01	0.01	95	0	0
spinosad	whole	0.01	0.01	95	0	0
spirotetramat	whole	0.01	not set	95	–	0
sulfoxaflor	whole	0.01	not set	95	–	0
tau-fluvalinate	whole	0.01	not set	95	–	0
tebufenozide	whole	0.01	not set	95	–	0
tebufenpyrad	whole	0.01	not set	95	–	0
terbufos	whole	0.01	not set	95	–	0
tetradifon	whole	0.01	not set	95	–	0
thiacloprid	whole	0.01	not set	95	–	0
thiamethoxam	whole	0.01	not set	95	–	0
thiodicarb	whole	0.01	0.1	95	0	0
triazofos	whole	0.01	not set	95	–	0
trichlorfon	whole	0.01	0.2	95	0	0
triflumuron	whole	0.01	not set	95	–	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	95	–	0
chlordane	whole	0.01	0.02	95	0	0
DDT	whole	0.01	1	95	0	0
endosulfan	whole	0.01	not set	95	–	0
endrin	whole	0.01	not set	95	–	0
HCB (hexachlorobenzene)	whole	0.01	not set	95	–	0
HCH (BHC)	whole	0.01	not set	95	–	0
heptachlor	whole	0.01	0.05	95	0	0
lindane (gamma-HCH)	whole	0.01	2	95	0	0
mirex	whole	0.01	not set	95	–	0