Australian Government
Department of Agriculture and Water Resources

Faba bean residue testing annual datasets 2017–18

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
azoxystrobin	whole	0.01	0.05	64	0	0
benalaxyl	whole	0.01	not set	64	–	0
bitertanol	whole	0.01	not set	64	–	0
boscalid	whole	0.01	0.5	64	0	0
bupirimate	whole	0.01	not set	64	–	0
captafol	whole	0.02	not set	64	–	0
captan	whole	0.01	not set	64	–	0
carbendazim	whole	0.01	0.5	64	0	0
chlorothalonil	whole	0.01	3	64	0	0
cyproconazole	whole	0.01	0.07	64	0	0
cyprodinil	whole	0.01	0.2	64	0	0
difenoconazole	whole	0.01	not set	64	–	0

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	64	–	0
dithianon	whole	0.01	not set	64	–	0
dodine	whole	0.01	not set	64	–	0
epoxiconazole	whole	0.01	not set	64	–	0
etridiazole	whole	0.01	0.2	64	0	0
fenarimol	whole	0.01	not set	64	–	0
fenhexamid	whole	0.01	not set	64	–	0
fluazinam	whole	0.01	not set	64	–	0
fludioxonil	whole	0.01	not set	64	–	0
fluquinconazole	whole	0.01	not set	64	–	0
flusilazole	whole	0.01	not set	64	–	0
flutriafol	whole	0.01	0.05	64	0	0
fluxapyroxad	whole	0.01	0.1	64	0	0
hexaconazole	whole	0.01	not set	64	–	0
imazalil	whole	0.01	not set	64	–	0
ipconazole	whole	0.01	not set	64	–	0
iprodione	whole	0.01	not set	64	–	0
kresoxim-methyl	whole	0.01	not set	64	–	0
metalaxyl	whole	0.01	not set	64	–	0
myclobutanil	whole	0.01	not set	64	–	0
oxadixyl	whole	0.01	not set	64	–	0
penconazole	whole	0.01	not set	64	–	0
prochloraz	whole	0.01	not set	64	–	0
procymidone	whole	0.01	10	64	0	0
propiconazole	whole	0.01	0.3	64	0	0
prothioconazole	whole	0.01	0.7	64	0	0
pyraclostrobin	whole	0.01	not set	64	–	0
pyrimethanil	whole	0.01	not set	64	–	0
quinoxyfen	whole	0.01	not set	64	–	0
spiroxamine-P	whole	0.01	not set	64	–	0
tebuconazole	whole	0.01	1	64	0	0
thiabendazole-P	whole	0.01	not set	64	–	0
tolclofos methyl	whole	0.01	not set	64	–	0
triadimefon	whole	0.01	not set	64	–	0
triadimenol	whole	0.01	not set	64	–	0
trifloxystrobin	whole	0.01	not set	64	–	0
triticonazole	whole	0.01	not set	64	–	0
vinclozolin	whole	0.01	not set	64	–	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	64	–	0
2,4-D	whole	0.01	0.05	64	0	0
amitrole	whole	0.01	0.01	9	0	0
atrazine	whole	0.01	not set	64	–	0
bromacil	whole	0.01	not set	64	–	0
bromoxynil	whole	0.01	not set	64	–	0
carfentrazone-ethyl	whole	0.01	not set	64	–	0
chlorpropham	whole	0.01	not set	64	–	0
chlorsulfuron	whole	0.01	not set	64	–	0
chlorthal-dimethyl	whole	0.01	not set	64	–	0
clethodim (parent only)	whole	0.01	0.1	64	0	0
clodinafop-propargyl	whole	0.01	not set	64	–	0
clopyralid	whole	0.01	not set	64	–	0
cyanazine	whole	0.01	0.01	64	0	0
dicamba	whole	0.01	not set	64	–	0
dichlobenil	whole	0.01	not set	64	–	0
dichlorprop-P	whole	0.01	not set	64	–	0
diclofop-methyl	whole	0.01	not set	9	–	0
diflufenican	whole	0.01	0.05	64	0	0
diquat	whole	0.01	1	9	0	0
diuron	whole	0.01	0.05	64	0	0
ethofumesate	whole	0.01	not set	64	–	0
fenoxaprop-ethyl	whole	0.01	not set	9	–	0
flamprop-M-methyl	whole	0.01	not set	9	–	0
fluazifop-p-butyl	whole	0.01	0.5	9	0	0
flumetsulam	whole	0.01	0.05	64	0	0
glufosinate	whole	0.01	not set	9	–	0
glyphosate	whole	0.01	5	9	0	0
haloxyfop	whole	0.01	0.1	9	0	1
imazamox	whole	0.01	0.05	64	0	0
imazapic	whole	0.01	not set	64	–	0
imazapyr	whole	0.01	not set	64	–	0
imazaquin	whole	0.01	not set	64	–	0
imazethapyr	whole	0.01	0.1	64	0	0
iodosulfuron-methyl	whole	0.01	not set	64	–	0
ioxynil	whole	0.01	not set	64	–	0
isoxaben	whole	0.01	not set	64	–	0
linuron	whole	0.01	not set	64	–	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	64	–	0
methabenzthiazuron	whole	0.01	not set	64	–	0
metolachlor	whole	0.01	0.01	64	0	0
metosulam	whole	0.01	not set	64	–	0
metribuzin	whole	0.01	0.01	64	0	0
metsulfuron-methyl	whole	0.01	not set	64	–	0
napropamide	whole	0.01	not set	64	–	0
norflurazon	whole	0.01	not set	64	–	0
oryzalin	whole	0.01	not set	64	–	0
oxyfluorfen	whole	0.01	not set	64	–	0
paraquat	whole	0.01	1	9	0	0
pendimethalin	whole	0.01	0.05	64	0	0
picloram	whole	0.01	not set	64	–	0
propachlor	whole	0.01	not set	64	–	0
propyzamide	whole	0.01	0.01	64	0	0
quizalofop-ethyl	whole	0.01	0.2	9	0	0
quizalofop-P-tefuryl	whole	0.01	0.2	9	0	0
saflufenacil	whole	0.01	0.2	64	0	0
sethoxydim	whole	0.01	0.1	64	0	0
simazine	whole	0.01	0.01	64	0	0
tralkoxydim	whole	0.01	not set	64	–	0
triasulfuron	whole	0.01	not set	64	–	0
triclopyr	whole	0.01	not set	64	–	0
trifluralin	whole	0.01	0.05	64	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	64	0	0
emamectin	whole	0.01	0.01	64	0	0
acephate	whole	0.01	not set	64	–	0
acetamiprid-P	whole	0.01	not set	64	–	0
aldicarb	whole	0.01	not set	64	–	0
amitraz	whole	0.01	not set	64	–	0
azamethiphos	whole	0.01	not set	64	–	0
azinphos-methyl	whole	0.01	not set	64	–	0
bifenazate	whole	0.01	not set	64	–	0
bifenthrin	whole	0.01	0.02	64	0	0
bioresmethrin	whole	0.01	not set	64	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
buprofezin	whole	0.01	not set	64	–	0
cadusafos	whole	0.01	not set	64	–	0
carbaryl	whole	0.01	0.1	64	0	0
carbofuran	whole	0.01	not set	64	–	0
chlorantraniliprole	whole	0.01	0.07	64	0	0
chlorfenapyr	whole	0.01	not set	64	–	0
chlorfenvinphos (sum of isomers)	whole	0.01	not set	64	–	0
chlorpyrifos	whole	0.01	not set	64	–	0
chlorpyrifos-methyl	whole	0.01	0.15	64	0	0
clofentezine	whole	0.01	not set	64	–	0
clothianidin	whole	0.01	not set	64	–	0
cyfluthrin (sum of isomers)	whole	0.01	0.5	64	0	0
cyhalothrin (sum of isomers)	whole	0.01	0.2	64	0	0
cypermethrin (sum of isomers)	whole	0.01	0.05	64	0	0
deltamethrin	whole	0.01	0.1	64	0	0
diafenthiuron	whole	0.01	not set	64	–	0
diazinon	whole	0.01	0.7	64	0	0
dichlorvos	whole	0.01	0.01	64	0	0
dicofol	whole	0.01	not set	64	–	0
diflubenzuron	whole	0.01	not set	64	–	0
dimethoate	whole	0.01	0.5	64	0	0
disulfoton	whole	0.01	not set	64	–	0
esfenvalerate	whole	0.01	0.5	64	0	0
ethion	whole	0.01	not set	64	–	0
ethoprophos	whole	0.005	not set	64	–	0
etoxazole	whole	0.01	not set	64	–	0
fenamiphos	whole	0.01	not set	64	–	0
fenbutatin oxide	whole	0.01	not set	64	–	0
fenitrothion	whole	0.01	0.1	64	0	0
fenoxycarb	whole	0.01	not set	64	–	0
fenpyroximate	whole	0.01	not set	64	–	0
fenthion	whole	0.01	not set	64	–	0
fenvalerate (sum of isomers)	whole	0.01	0.5	64	0	0
fipronil	whole	0.002	not set	64	–	0
hexythiazox	whole	0.01	not set	64	–	0
imidacloprid	whole	0.01	0.05	64	0	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
indoxacarb	whole	0.01	0.2	64	0	0
malathion (maldison)	whole	0.01	2	64	0	0
methacrifos	whole	0.01	not set	64	–	0
methamidophos	whole	0.01	not set	64	–	0
methidathion	whole	0.01	not set	64	–	0
methiocarb	whole	0.01	not set	64	–	0
methomyl	whole	0.01	1	64	0	0
methoprene	whole	0.01	not set	64	–	0
methoxychlor	whole	0.01	not set	64	–	0
methoxyfenozide	whole	0.01	not set	64	–	0
mevinphos	whole	0.01	not set	64	–	0
monocrotophos	whole	0.01	not set	64	–	0
omethoate	whole	0.01	2	64	0	0
parathion	whole	0.01	not set	64	–	0
parathion-methyl	whole	0.01	not set	64	–	0
permethrin (sum of isomers)	whole	0.01	not set	64	–	0
phenothrin (sum of isomers)	whole	0.01	not set	64	–	0
phorate	whole	0.01	not set	64	–	0
phosmet	whole	0.01	not set	64	–	0
piperonyl butoxide	whole	0.01	8	64	0	0
pirimicarb	whole	0.01	0.02	64	0	0
pirimiphos-methyl	whole	0.01	not set	64	–	0
profenofos	whole	0.01	not set	64	–	0
propargite	whole	0.01	not set	64	–	0
prothiofos	whole	0.01	not set	64	–	0
pymetrozine	whole	0.01	not set	64	–	0
pyrethrins	whole	0.01	1	64	0	0
pyriproxyfen	whole	0.01	not set	64	–	0
spinetoram	whole	0.01	0.01	64	0	0
spinosad	whole	0.01	0.01	64	0	0
spirotetramat	whole	0.01	not set	64	–	0
sulfoxaflor	whole	0.01	not set	64	–	0
tau-fluvalinate	whole	0.01	not set	64	–	0
tebufenozide	whole	0.01	not set	64	–	0
tebufenpyrad	whole	0.01	not set	64	–	0
terbufos	whole	0.01	not set	64	–	0
tetradifon	whole	0.01	not set	64	–	0
thiacloprid	whole	0.01	not set	64	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
thiamethoxam	whole	0.01	not set	64	–	0
thiodicarb	whole	0.01	0.1	64	0	0
triazofos	whole	0.01	not set	64	–	0
trichlorfon	whole	0.01	0.2	64	0	0
triflumuron	whole	0.01	not set	64	–	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	64	–	0
chlordane	whole	0.01	0.02	64	0	0
DDT	whole	0.01	1	64	0	0
endosulfan	whole	0.01	not set	64	–	0
endrin	whole	0.01	not set	64	–	0
HCB (hexachlorobenzene)	whole	0.01	not set	64	–	0
HCH (BHC)	whole	0.01	not set	64	–	0
heptachlor	whole	0.01	0.05	64	0	0
lindane (gamma-HCH)	whole	0.01	2	64	0	0
mirex	whole	0.01	not set	64	–	0