



Australian Government

Department of Agriculture, Fisheries and Forestry

Faba/broad bean residue testing annual datasets 2022-23

National Residue Survey (NRS), Department of Agriculture, Fisheries and Forestry

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, retina 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: CONTAMINANTS

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
aldrin and dieldrin (HHDN+HEOD)	Whole	0.01	not set	251	-	-
chlordane	Whole	0.01	0.02	251	0	0
DDT	Whole	0.01	1	251	0	0
endosulfan	Whole	0.01	not set	251	-	-
endrin	Whole	0.01	not set	251	-	-
HCB (hexachlorobenzene)	Whole	0.01	not set	251	-	-
HCH (BHC)	Whole	0.01	not set	251	-	-
heptachlor	Whole	0.01	0.05	251	0	0
lindane (gamma-HCH)	Whole	0.01	2	251	0	0
mirex	Whole	0.01	not set	251	-	-

Table 2: FUNGICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
azoxystrobin	Whole	0.01	0.3	251	0	0
benalaxyl	Whole	0.01	not set	251	-	-
benzovindiflupyr	Whole	0.01	not set	251	-	-
bitertanol	Whole	0.01	not set	251	-	-
bixafen	Whole	0.01	0.01	251	0	0
boscalid	Whole	0.01	0.5	251	0	0
bupirimate	Whole	0.01	not set	251	-	-
captafol	Whole	0.01	not set	251	-	-
captan	Whole	0.01	not set	251	-	-
carbendazim	Whole	0.01	0.5	251	0	0
carboxin	Whole	0.01	not set	251	-	-
chlorothalonil	Whole	0.01	3	251	0	0
cyproconazole	Whole	0.01	0.05	251	0	0
cyprodinil	Whole	0.01	0.2	251	0	0
difenoconazole	Whole	0.01	not set	251	-	-
dimethomorph	Whole	0.01	not set	251	-	-
dithianon	Whole	0.01	not set	251	-	-
dodine	Whole	0.01	not set	251	-	-
epoxiconazole	Whole	0.01	not set	251	-	-
etridiazole	Whole	0.01	0.2	251	0	0
fenarimol	Whole	0.01	not set	251	-	-
fenbuconazole	Whole	0.01	not set	251	-	-
fenhexamid	Whole	0.01	not set	251	-	-
fluazinam	Whole	0.01	not set	251	-	-
fludioxonil	Whole	0.01	0.1	251	0	0
fluopicolide	Whole	0.01	0.01	251	0	0
fluopyram	Whole	0.01	0.03	251	0	0
fluquinconazole	Whole	0.01	not set	251	-	-
flusilazole	Whole	0.01	not set	251	-	-
flutriafol	Whole	0.01	0.05	251	0	0
fluxapyroxad	Whole	0.01	0.1	251	0	0
hexaconazole	Whole	0.01	not set	251	-	-
imazalil	Whole	0.01	not set	251	-	-
ipconazole	Whole	0.01	not set	251	-	-
iprodione	Whole	0.01	not set	251	-	-
isoprothiolane	Whole	0.01	not set	251	-	-
isopyrazam	Whole	0.01	not set	251	-	-
kresoxim-methyl	Whole	0.01	not set	251	-	-
metalaxyl	Whole	0.01	not set	251	-	-

myclobutanil	Whole	0.01	not set	251	-	-
oxadixyl	Whole	0.01	not set	251	-	-
penconazole	Whole	0.01	not set	251	-	-
penflufen	Whole	0.01	not set	251	-	-
prochloraz	Whole	0.01	not set	251	-	-
procymidone	Whole	0.01	10	251	0	0
propiconazole	Whole	0.01	0.3	251	0	0
prothioconazole	Whole	0.01	0.02	251	0	0
pydiflumetofen	Whole	0.01	0.4	251	0	0
pyraclostrobin	Whole	0.01	not set	251	-	-
pyrimethanil	Whole	0.01	not set	251	-	-
quinoxifen	Whole	0.01	not set	251	-	-
quintozene	Whole	0.01	not set	251	-	-
sedaxane	Whole	0.01	not set	251	-	-
spiroxamine	Whole	0.01	not set	251	-	-
tebuconazole	Whole	0.01	1	251	0	0
thiabendazole	Whole	0.01	not set	251	-	-
tolclofos methyl	Whole	0.01	not set	251	-	-
triadimefon	Whole	0.01	not set	251	-	-
triadimenol	Whole	0.01	not set	251	-	-
trifloxystrobin	Whole	0.01	not set	251	-	-
triticonazole	Whole	0.01	not set	251	-	-
uniconazole-P	Whole	0.01	not set	120	-	-
vinclozolin	Whole	0.01	not set	251	-	-

Table 3: HERBICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
2,2-DPA (2,2-dichloropropionic acid)	Whole	0.01	not set	251	-	-
2,4-D	Whole	0.01	0.05	251	0	0
2,4-DB	Whole	0.01	not set	251	-	-
acifluorfen	Whole	0.01	0.1	251	0	0
ametryn	Whole	0.01	not set	251	-	-
aminopyralid	Whole	0.01	not set	251	-	-
amitrole	Whole	0.01	0.01	38	0	0
atrazine	Whole	0.01	not set	251	-	-
bentazone	Whole	0.01	0.01	251	0	0
bicyclopyrone	Whole	0.01	not set	251	-	-
bixlozone	Whole	0.01	0.01	251	0	0
bromacil	Whole	0.01	not set	251	-	-
bromoxynil	Whole	0.01	not set	251	-	-

butafenacil	Whole	0.01	0.01	251	0	0
butoxydim	Whole	0.01	0.01	251	0	0
carfentrazone-ethyl	Whole	0.01	not set	251	-	-
chlormequat	Whole	0.01	not set	38	-	-
chlorpropham	Whole	0.01	not set	251	-	-
chlorsulfuron	Whole	0.01	not set	251	-	-
chlorthal-dimethyl	Whole	0.01	not set	251	-	-
cinmethylin	Whole	0.01	not set	251	-	-
clethodim	Whole	0.01	0.1	251	0	0
clodinafop acid	Whole	0.01	not set	251	-	-
clodinafop-propargyl	Whole	0.01	not set	251	-	-
clomazone	Whole	0.01	not set	251	-	-
clopyralid	Whole	0.01	not set	251	-	-
cloquintocet-mexyl	Whole	0.01	not set	251	-	-
cyanazine	Whole	0.01	0.01	251	0	0
dicamba	Whole	0.01	not set	251	-	-
dichlobenil	Whole	0.01	not set	251	-	-
dichlorprop-P	Whole	0.01	not set	38	-	-
diclofop-methyl	Whole	0.01	not set	38	-	-
diflufenican	Whole	0.01	0.05	251	0	0
dimethenamid-P	Whole	0.01	0.02	251	0	0
diquat	Whole	0.01	1	38	0	0
diuron	Whole	0.01	0.05	251	0	0
EPTC	Whole	0.01	0.04	251	0	0
ethofumesate	Whole	0.01	not set	251	-	-
fenoxaprop-ethyl	Whole	0.01	not set	251	-	-
flamprop-M-methyl	Whole	0.01	not set	38	-	-
florasulam	Whole	0.01	not set	251	-	-
florpyrauxifen-benzyl	Whole		not set	251	-	-
fluazifop-p-butyl	Whole	0.01	0.5	38	0	0
flumetsulam	Whole	0.01	0.05	251	0	0
flumioxazin	Whole	0.01	0.1	251	0	0
fluroxypyr	Whole	0.01	not set	251	-	-
fomesafen	Whole	0.01	0.01	251	0	0
glufosinate	Whole	0.01	not set	38	-	-
glyphosate	Whole	0.01	5	38	0	0
halauxifen-methyl	Whole	0.01	not set	251	-	-
halosulfuron-methyl	Whole	0.01	not set	251	-	-
haloxyfop	Whole	0.005	0.1	38	0	0
imazamox	Whole	0.01	0.01	36	0	0
imazapic	Whole	0.01	not set	36	-	-
imazapyr	Whole	0.01	0.07	36	0	0

imazaquin	Whole	0.01	not set	36	-	-
imazethapyr	Whole	0.01	0.1	36	0	0
iodosulfuron-methyl	Whole	0.01	not set	251	-	-
ioxynil	Whole	0.01	not set	251	-	-
isoxaben	Whole	0.01	not set	251	-	-
isoxaflutole	Whole	0.01	not set	251	-	-
linuron	Whole	0.01	not set	251	-	-
MCPA	Whole	0.01	not set	251	-	-
MCPB	Whole	0.01	0.02	251	0	0
mefenpyr-diethyl	Whole	0.01	not set	251	-	-
mesotrione	Whole	0.01	not set	251	-	-
metamitron	Whole	0.01	not set	251	-	-
metazachlor	Whole	0.01	0.03	251	0	0
methabenzthiazuron	Whole	0.01	not set	251	-	-
metolachlor	Whole	0.01	0.01	251	0	0
metosulam	Whole	0.01	not set	251	-	-
metribuzin	Whole	0.01	0.01	251	0	0
metsulfuron-methyl	Whole	0.01	not set	251	-	-
napropamide	Whole	0.01	not set	251	-	-
norflurazon	Whole	0.01	not set	251	-	-
oryzalin	Whole	0.01	not set	251	-	-
oxyfluorfen	Whole	0.01	not set	251	-	-
paraquat	Whole	0.01	1	38	0	0
pendimethalin	Whole	0.01	0.05	251	0	0
picloram	Whole	0.01	not set	251	-	-
picolinafen	Whole	0.01	not set	251	-	-
pinoxaden (parent)	Whole	0.01	not set	251	-	-
prometryn	Whole	0.01	0.1	251	0	0
propachlor	Whole	0.01	not set	251	-	-
propaquizafop	Whole	0.01	0.05	38	0	0
propyzamide	Whole	0.01	0.01	251	0	0
prosulfocarb	Whole	0.01	0.01	251	0	0
pyraflufen-ethyl	Whole	0.01	0.02	251	0	0
pyrasulfotole	Whole	0.01	not set	251	-	-
pyroxasulfone	Whole	0.01	0.01	251	0	0
pyroxsulam	Whole	0.01	not set	251	-	-
quizalofop-ethyl	Whole	0.01	0.2	38	0	0
quizalofop-P-tefuryl	Whole	0.01	0.2	38	0	0
saflufenacil	Whole	0.01	0.2	251	0	0
sethoxydim	Whole	0.01	0.1	251	0	0
simazine	Whole	0.01	0.01	251	0	0
sulfosulfuron	Whole	0.01	not set	251	-	-

terbuthylazine	Whole	0.01	0.02	251	0	0
terbutryn	Whole	0.01	not set	251	-	-
tiafenacil	Whole	0.01	0.01	251	0	0
topramezone	Whole	0.01	not set	251	-	-
tralkoxydim	Whole	0.01	not set	251	-	-
triallate	Whole	0.01	0.1	251	0	0
triasulfuron	Whole	0.01	not set	251	-	-
tribenuron-methyl	Whole	0.01	not set	251	-	-
triclopyr	Whole	0.01	not set	251	-	-
trifludimoxazin	Whole	0.01	not set	251	-	-
trifluralin	Whole	0.01	0.05	251	0	0

Table 4: INSECTICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
abamectin	Whole	0.01	0.002	251	0	0
acephate	Whole	0.01	not set	251	-	-
acetamiprid	Whole	0.01	0.1	251	0	0
aldicarb	Whole	0.01	not set	251	-	-
amitraz	Whole	0.01	not set	251	-	-
azamethiphos	Whole	0.01	not set	251	-	-
azinphos-methyl	Whole	0.01	not set	251	-	-
bifenazate	Whole	0.01	not set	251	-	-
bifenthrin	Whole	0.01	0.02	251	0	0
bioresmethrin	Whole	0.01	not set	251	-	-
buprofezin	Whole	0.01	0.01	251	0	0
cadusafos	Whole	0.01	not set	251	-	-
carbaryl	Whole	0.01	0.1	251	0	0
carbofuran	Whole	0.01	not set	251	-	-
chlorantraniliprole	Whole	0.01	0.07	251	0	0
chlorfenapyr	Whole	0.01	not set	251	-	-
chlorfenvinphos	Whole	0.01	not set	251	-	-
chlorpyrifos	Whole	0.01	not set	251	-	-
chlorpyrifos-methyl	Whole	0.01	0.15	251	0	0
clofentezine	Whole	0.01	not set	251	-	-
clothianidin	Whole	0.01	0.1	251	0	0
cyantraniliprole	Whole	0.01	0.05	251	0	0
cyfluthrin	Whole	0.01	not set	251	-	-
cyhalothrin	Whole	0.01	0.2	251	0	0
cypermethrin	Whole	0.01	0.05	251	0	0
deltamethrin	Whole	0.01	0.1	251	0	0

diafenthiuron	Whole	0.01	not set	251	-	-
diazinon	Whole	0.01	0.7	251	0	0
dichlorvos	Whole	0.01	0.01	251	0	0
dicofol	Whole	0.01	not set	251	-	-
diflubenzuron	Whole	0.01	not set	251	-	-
dimethoate	Whole	0.01	0.7	251	0	0
dinotefuran	Whole	0.01	not set	251	-	-
disulfoton	Whole	0.01	not set	251	-	-
emamectin	Whole	0.01	0.01	251	0	0
ethion	Whole	0.01	not set	251	-	-
ethoprophos	Whole	0.005	not set	251	-	-
etoxazole	Whole	0.01	not set	251	-	-
fenamiphos	Whole	0.01	not set	251	-	-
fenbutatin oxide	Whole	0.01	not set	251	-	-
fenitrothion	Whole	0.01	0.1	251	0	0
fenoxycarb	Whole	0.01	not set	251	-	-
fenpyroximate	Whole	0.01	not set	251	-	-
fenthion	Whole	0.01	not set	251	-	-
fenvalerate	Whole	0.01	0.5	251	0	0
fipronil	Whole	0.002	not set	251	-	-
flonicamid	Whole	0.01	not set	251	-	-
fluensulfone	Whole	0.01	0.05	251	0	0
flupyradifurone	Whole	0.01	0.2	251	0	0
hexythiazox	Whole	0.01	not set	251	-	-
imidacloprid	Whole	0.01	0.05	251	0	0
indoxacarb	Whole	0.01	0.2	251	0	0
malathion	Whole	0.01	2	251	0	0
methacrifos	Whole	0.01	not set	251	-	-
methamidophos	Whole	0.01	not set	251	-	-
methidathion	Whole	0.01	not set	251	-	-
methiocarb	Whole	0.01	not set	251	-	-
methomyl	Whole	0.01	1	251	0	0
methoprene	Whole	0.01	not set	251	-	-
methoxychlor	Whole	0.01	not set	251	-	-
methoxyfenozide	Whole	0.01	not set	251	-	-
mevinphos	Whole	0.01	not set	251	-	-
monocrotophos	Whole	0.01	not set	251	-	-
omethoate	Whole	0.01	0.1	251	0	0
parathion	Whole	0.01	not set	251	-	-
parathion-methyl	Whole	0.01	not set	251	-	-
permethrin	Whole	0.01	not set	251	-	-
phenothrin	Whole	0.01	not set	251	-	-

phorate	Whole	0.01	not set	251	-	-
phosmet	Whole	0.01	not set	251	-	-
piperonyl butoxide	Whole	0.01	8	251	0	0
pirimicarb	Whole	0.01	0.02	251	0	0
pirimiphos-methyl	Whole	0.01	not set	251	-	-
profenofos	Whole	0.01	not set	251	-	-
propargite	Whole	0.01	not set	251	-	-
prothiofos	Whole	0.01	not set	251	-	-
pymetrozine	Whole	0.01	0.02	251	0	0
pyrethrins	Whole	0.01	1	251	0	0
pyriproxyfen	Whole	0.01	not set	251	-	-
spinetoram	Whole	0.01	0.01	251	0	0
spinosad	Whole	0.01	0.01	251	0	0
spirotetramat	Whole	0.01	not set	251	-	-
sulfoxaflor	Whole	0.01	0.7	251	0	0
tau-fluvalinate	Whole	0.01	not set	251	-	-
tebufenozide	Whole	0.01	not set	251	-	-
tebufenpyrad	Whole	0.01	not set	251	-	-
terbufos	Whole	0.01	not set	251	-	-
tetradifon	Whole	0.01	not set	251	-	-
thiacloprid	Whole	0.01	not set	251	-	-
thiamethoxam	Whole	0.01	0.5	251	0	0
thiodicarb	Whole	0.01	0.1	251	0	0
triazofos	Whole	0.01	not set	251	-	-
trichlorfon	Whole	0.01	0.2	251	0	0
triflumuron	Whole	0.01	not set	251	-	-

Table 5: METALS

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
cadmium	Whole	0.01	no limit	13	0	0
lead	Whole	0.01	0.2	13	0	0

Table 6: PHYSIOLOGICAL MODIFIER

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
forchlorfenuron	Whole	0.01	not set	251	-	-
prohexadione-calcium	Whole	0.01	not set	251	-	-
trinexapac-ethyl	Whole	0.01	not set	251	-	-