Australian Government
Department of Agriculture and Water Resources

Mung Bean residue testing annual datasets 2014–15

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	not set	26	0	0
benalaxyl	whole	0.01	not set	26	0	0
bitertanol	whole	0.01	0.5	26	0	0
boscalid	whole	0.01	0.5	26	0	0
bupirimate	whole	0.01	not set	26	0	0
captafol	whole	0.02	not set	26	0	0
captan	whole	0.02	not set	26	0	0
carbendazim	whole	0.01	0.5	26	0	0
chlorothalonil	whole	0.01	3	26	0	0
cyproconazole	whole	0.01	not set	26	0	0
cyprodinil	whole	0.01	not set	26	0	0
difenoconazole	whole	0.01	not set	26	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dimethomorph	whole	0.01	not set	26	0	0
dithianon	whole	0.01	not set	26	0	0
dodine	whole	0.01	not set	26	0	0
epoxiconazole	whole	0.01	not set	26	0	0
etridiazole	whole	0.01	0.2	26	0	0
fenarimol	whole	0.01	not set	26	0	0
fenhexamid	whole	0.01	not set	26	0	0
fluazinam	whole	0.01	not set	26	0	0
fludioxonil	whole	0.01	not set	26	0	0
fluquinconazole	whole	0.01	not set	26	0	1
flusilazole	whole	0.01	not set	26	0	0
flutriafol	whole	0.01	not set	26	0	0
fluxapyroxad	whole	0.01	0.1	26	0	0
hexaconazole	whole	0.01	not set	26	0	0
imazalil	whole	0.01	not set	26	0	0
ipconazole	whole	0.01	not set	26	0	0
iprodione	whole	0.01	not set	26	0	0
kresoxim-methyl	whole	0.01	not set	26	0	0
metalaxyl	whole	0.01	not set	26	0	0
myclobutanil	whole	0.01	not set	26	0	0
oxadixyl	whole	0.01	not set	26	0	0
penconazole	whole	0.01	not set	26	0	0
prochloraz	whole	0.01	not set	26	0	0
procymidone	whole	0.01	not set	26	0	0
propiconazole	whole	0.01	not set	26	0	0
prothioconazole	whole	0.01	0.1	26	0	0
pyraclostrobin	whole	0.01	not set	26	0	0
pyrimethanil	whole	0.01	not set	26	0	0
spiroxamine	whole	0.01	not set	26	0	0
tebuconazole	whole	0.01	0.2	26	0	0
thiabendazole	whole	0.01	not set	26	0	0
tolclofos methyl	whole	0.01	not set	26	0	0
triadimefon	whole	0.01	not set	26	0	0
triadimenol	whole	0.01	not set	26	0	0
trifloxystrobin	whole	0.01	not set	26	0	0
triticonazole	whole	0.01	not set	26	0	0
vinclozolin	whole	0.01	not set	26	0	0

Table 2 Herbicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
2,2-DPA (2,2-dichloropropionic acid)	whole	0.01	not set	26	0	0
2,4-D	whole	0.01	0.05	26	0	0
amitrole	whole	0.01	0.01	5	0	0
atrazine	whole	0.01	not set	26	0	0
bromacil	whole	0.01	not set	26	0	0
bromoxynil	whole	0.01	not set	26	0	0
carfentrazone-ethyl	whole	0.01	not set	26	0	0
chlorpropham	whole	0.01	not set	26	0	0
chlorsulfuron	whole	0.01	not set	26	0	0
chlorthal-dimethyl	whole	0.01	not set	26	0	0
clethodim	whole	0.01	0.1	26	0	0
clodinafop-propargyl	whole	0.01	not set	26	0	0
clopyralid	whole	0.01	not set	26	0	0
cyanazine	whole	0.01	0.01	26	0	0
dicamba	whole	0.01	not set	26	0	0
dichlobenil	whole	0.01	not set	26	0	0
dichlorprop-P	whole	0.01	not set	26	0	0
diclofop-methyl	whole	0.01	not set	5	0	0
diflufenican	whole	0.01	0.05	26	0	0
diquat	whole	0.01	1	5	0	0
diuron	whole	0.01	0.05	26	0	0
ethofumesate	whole	0.01	not set	26	0	0
fenoxaprop-ethyl	whole	0.01	not set	5	0	0
flamprop-M-methyl	whole	0.01	not set	5	0	0
fluazifop-p-butyl	whole	0.01	0.5	5	0	0
flumetsulam	whole	0.01	0.05	2	0	0
glufosinate	whole	0.01	not set	5	0	0
glyphosate	whole	0.01	10	5	0	0
haloxyfop	whole	0.01	0.1	5	0	0
imazamox	whole	0.01	not set	26	0	0
imazapic	whole	0.01	not set	26	0	0
imazapyr	whole	0.01	not set	26	0	0
imazaquin	whole	0.01	not set	26	0	0
imazethapyr	whole	0.01	0.1	26	0	0
iodosulfuron-methyl	whole	0.01	not set	26	0	0
ioxynil	whole	0.01	not set	26	0	0
isoxaben	whole	0.01	not set	26	0	0
linuron	whole	0.01	not set	26	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
MCPA	whole	0.01	not set	26	0	0
methabenthiazuron	whole	0.01	not set	26	0	0
metolachlor	whole	0.01	0.05	26	0	0
metosulam	whole	0.01	not set	26	0	0
metribuzin	whole	0.01	0.01	26	0	0
metsulfuron-methyl	whole	0.01	not set	26	0	0
napropamide	whole	0.01	not set	26	0	0
norflurazon	whole	0.01	not set	26	0	0
oryzalin	whole	0.01	not set	26	0	0
oxyfluorfen	whole	0.01	not set	26	0	0
paraquat	whole	0.01	1	5	0	0
pendimethalin	whole	0.01	0.05	26	0	0
picloram	whole	0.01	not set	26	0	0
propachlor	whole	0.01	not set	26	0	0
quizalofop-ethyl	whole	0.01	0.2	5	0	0
quizalofop-P-tefuryl	whole	0.01	0.2	5	0	0
sethoxydim	whole	0.01	0.1	26	0	0
simazine	whole	0.01	not set	26	0	0
tralkoxydim	whole	0.01	not set	26	0	0
triasulfuron	whole	0.01	not set	26	0	0
triclopyr	whole	0.01	not set	26	0	0
trifluralin	whole	0.01	0.05	26	0	0

Table 3 Insecticides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
abamectin	whole	0.01	0.002	26	0	0
acephate	whole	0.01	not set	26	0	0
acetamiprid	whole	0.01	not set	26	0	0
aldicarb	whole	0.01	not set	26	0	0
amitraz	whole	0.01	not set	26	0	0
azamethiphos	whole	0.01	not set	26	0	0
azinphos-methyl	whole	0.01	not set	26	0	0
bifenazate	whole	0.01	not set	26	0	0
bifenthrin	whole	0.01	0.02	26	0	0
bioresmethrin	whole	0.01	not set	26	0	0
buprofezin	whole	0.01	not set	26	0	0
cadusafos	whole	0.01	not set	26	0	0
carbaryl	whole	0.01	0.1	26	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
carbofuran	whole	0.01	not set	26	0	0
chlorantraniliprole	whole	0.01	0.7	26	0	0
chlorfenapyr	whole	0.01	not set	26	0	0
chlorfenvinphos	whole	0.01	not set	26	0	0
chlorpyrifos	whole	0.01	0.1	26	0	0
chlorpyrifos-methyl	whole	0.01	not set	26	0	0
clofentezine	whole	0.01	not set	26	0	0
clothianidin	whole	0.01	not set	26	0	0
cyfluthrin	whole	0.01	0.5	26	0	0
cyhalothrin	whole	0.01	0.2	26	0	0
cypermethrin	whole	0.01	0.05	26	0	0
deltamethrin	whole	0.01	0.1	26	0	0
diafenthiuron	whole	0.01	not set	26	0	0
diazinon	whole	0.01	0.7	26	0	0
dichlorvos	whole	0.01	0.5	26	0	0
dicofol	whole	0.01	not set	26	0	0
diflubenzuron	whole	0.01	not set	26	0	0
dimethoate	whole	0.01	0.5	26	0	0
disulfoton	whole	0.01	not set	26	0	0
emamectin	whole	0.01	0.01	26	0	0
endosulfan	whole	0.01	not set	26	0	0
esfenvalerate	whole	0.01	0.5	26	0	0
ethion	whole	0.01	not set	26	0	0
ethoprophos	whole	0.005	not set	26	0	0
etoxazole	whole	0.01	not set	26	0	0
fenamiphos	whole	0.01	not set	26	0	0
fenbutatin oxide	whole	0.01	not set	26	0	0
fenitrothion	whole	0.01	0.1	26	0	0
fenoxycarb	whole	0.01	not set	26	0	0
fenpyroximate	whole	0.01	not set	26	0	0
fenthion	whole	0.01	not set	26	0	0
fenvalerate	whole	0.01	0.5	26	0	0
fipronil	whole	0.005	not set	26	0	0
hexythiazox	whole	0.01	not set	26	0	0
imidacloprid	whole	0.01	not set	26	0	0
indoxacarb	whole	0.01	0.2	26	0	0
malathion (maldison)	whole	0.01	8	26	0	0
methacrifos	whole	0.01	not set	26	0	0
methamidophos	whole	0.01	not set	26	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
methidathion	whole	0.01	0.01	26	0	0
methiocarb	whole	0.01	not set	26	0	0
methomyl	whole	0.01	1	26	0	0
methoprene	whole	0.01	not set	26	0	0
methoxychlor	whole	0.01	not set	26	0	0
methoxyfenozide	whole	0.01	not set	26	0	0
mevinphos	whole	0.01	not set	26	0	0
monocrotophos	whole	0.01	not set	26	0	0
omethoate	whole	0.01	2	26	0	0
parathion	whole	0.01	not set	26	0	0
parathion-methyl	whole	0.01	not set	26	0	0
permethrin	whole	0.01	0.1	26	0	0
phenothrin	whole	0.01	not set	26	0	0
phorate	whole	0.01	not set	26	0	0
phosmet	whole	0.01	not set	26	0	0
piperonyl butoxide	whole	0.01	8	26	0	0
pirimicarb	whole	0.01	0.5	26	0	0
pirimiphos-methyl	whole	0.01	not set	26	0	0
profenofos	whole	0.01	not set	26	0	0
propargite	whole	0.01	not set	26	0	0
prothiofos	whole	0.01	not set	26	0	0
pymetrozine	whole	0.01	not set	26	0	0
pyrethrins	whole	0.01	1	26	0	0
pyriproxyfen	whole	0.01	not set	26	0	0
spinetoram	whole	0.01	not set	26	0	0
spinosad	whole	0.01	0.01	26	0	0
spirotetramat	whole	0.01	not set	26	0	0
sulfoxaflor	whole	0.01	not set	22	0	0
tau-fluvalinate	whole	0.01	not set	26	0	0
tebufenozide	whole	0.01	not set	26	0	0
tebufenpyrad	whole	0.01	not set	26	0	0
terbufos	whole	0.01	not set	26	0	0
tetradifon	whole	0.01	not set	26	0	0
thiacloprid	whole	0.01	not set	26	0	0
thiamethoxam	whole	0.01	not set	26	0	0
thiodicarb	whole	0.01	0.1	26	0	0
triazofos	whole	0.01	not set	26	0	0
trichlorfon	whole	0.01	0.2	26	0	0
triflumuron	whole	0.01	not set	26	0	0

Table 4 Contaminants

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
aldrin and dieldrin (HHDN+HEOD)	whole	0.01	not set	26	0	0
arsenic	whole	0.05	no limit	1	0	0
cadmium	whole	0.01	no limit	1	0	0
chlordane	whole	0.01	0.02	26	0	0
copper	whole	0.05	no limit	1	0	0
DDT	whole	0.01	1	26	0	0
endrin	whole	0.01	not set	26	0	0
HCB (hexachlorobenzene)	whole	0.01	not set	26	0	0
HCH (or BHC)	whole	0.01	not set	26	0	0
heptachlor	whole	0.01	0.05	26	0	0
lead	whole	0.01	0.2	1	0	0
lindane (gamma-HCH)	whole	0.01	2	26	0	0
mercury	whole	0.01	no limit	1	0	0
mirex	whole	0.01	not set	26	0	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	4	0	1