Australian Government
Department of Agriculture and Water Resources

Field pea 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	77	0	0
benalaxyl	whole	0.01	not set	77	–	0
bitertanol	whole	0.01	not set	77	–	0
boscalid	whole	0.01	0.5	77	0	0
bupirimate	whole	0.01	not set	77	–	0
captafol	whole	0.02	not set	77	–	0
captan	whole	0.01	not set	77	–	0
carbendazim	whole	0.01	0.5	77	0	0
chlorothalonil	whole	0.01	3	77	0	0
cyproconazole	whole	0.01	0.07	77	0	0
cyprodinil	whole	0.01	not set	77	–	0
difenoconazole	whole	0.01	not set	77	–	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	1	77	0	0
dithianon	whole	0.01	not set	77	–	0
dodine	whole	0.01	not set	77	–	0
epoxiconazole	whole	0.01	not set	77	–	0
etridiazole	whole	0.01	not set	77	–	0
fenarimol	whole	0.01	not set	77	–	0
fenhexamid	whole	0.01	not set	77	–	0
fluazinam	whole	0.01	not set	77	–	0
fludioxonil	whole	0.01	not set	77	–	0
fluquinconazole	whole	0.01	not set	77	–	0
flusilazole	whole	0.01	not set	77	–	0
flutriafol	whole	0.01	0.05	77	0	0
fluxapyroxad	whole	0.01	0.1	77	0	0
hexaconazole	whole	0.01	not set	77	–	0
imazalil	whole	0.01	not set	77	–	0
ipconazole	whole	0.01	not set	77	–	0
iprodione	whole	0.01	not set	77	–	0
kresoxim-methyl	whole	0.01	not set	77	–	0
metalaxyl	whole	0.01	not set	77	–	0
myclobutanil	whole	0.01	not set	77	–	0
oxadixyl	whole	0.01	not set	77	–	0
penconazole	whole	0.01	not set	77	–	0
prochloraz	whole	0.01	not set	77	–	0
procymidone	whole	0.01	not set	77	–	0
propiconazole	whole	0.01	0.3	77	0	0
prothioconazole	whole	0.01	0.7	77	0	0
pyraclostrobin	whole	0.01	not set	77	–	0
pyrimethanil	whole	0.01	not set	77	–	0
quinoxyfen	whole	0.01	not set	77	–	0
spiroxamine-P	whole	0.01	not set	77	–	0
tebuconazole	whole	0.01	1	77	0	0
thiabendazole-P	whole	0.01	not set	77	–	0
tolclofos methyl	whole	0.01	not set	77	–	0
triadimefon	whole	0.01	0.1	77	0	0
triadimenol	whole	0.01	not set	77	–	0
trifloxystrobin	whole	0.01	not set	77	–	0
triticonazole	whole	0.01	not set	77	–	0
vinclozolin	whole	0.01	not set	77	–	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	77	–	0
2,4-D	whole	0.01	0.05	77	0	0
amitrole	whole	0.01	0.01	8	0	0
atrazine	whole	0.01	not set	77	–	0
bromacil	whole	0.01	not set	77	–	0
bromoxynil	whole	0.01	not set	77	–	0
carfentrazone-ethyl	whole	0.01	not set	77	–	0
chlorpropham	whole	0.01	not set	77	–	0
chlorsulfuron	whole	0.01	not set	77	–	0
chlorthal-dimethyl	whole	0.01	not set	77	–	0
clethodim (parent only)	whole	0.01	0.1	77	0	0
clodinafop-propargyl	whole	0.01	not set	77	–	0
clopyralid	whole	0.01	not set	77	–	0
cyanazine	whole	0.01	0.01	77	0	0
dicamba	whole	0.01	not set	77	–	0
dichlobenil	whole	0.01	not set	77	–	0
dichlorprop-P	whole	0.01	not set	77	–	0
diclofop-methyl	whole	0.01	not set	8	–	0
diflufenican	whole	0.01	0.05	77	0	0
diquat	whole	0.01	1	8	0	0
diuron	whole	0.01	0.05	77	0	0
ethofumesate	whole	0.01	not set	77	–	0
fenoxaprop-ethyl	whole	0.01	not set	8	–	0
flamprop-M-methyl	whole	0.01	not set	8	–	0
fluazifop-p-butyl	whole	0.01	0.5	8	0	0
flumetsulam	whole	0.01	0.05	77	0	0
glufosinate	whole	0.01	not set	8	–	0
glyphosate	whole	0.01	5	8	0	0
haloxyfop	whole	0.01	0.1	8	0	0
imazamox	whole	0.01	0.05	77	0	0
imazapic	whole	0.01	not set	77	–	0
imazapyr	whole	0.01	not set	77	–	0
imazaquin	whole	0.01	not set	77	–	0
imazethapyr	whole	0.01	0.1	77	0	0
iodosulfuron-methyl	whole	0.01	not set	77	–	0
ioxynil	whole	0.01	not set	77	–	0
isoxaben	whole	0.01	not set	77	–	0
linuron	whole	0.01	not set	77	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
MCPA	whole	0.01	0.05	77	0	0
methabenzthiazuron	whole	0.01	not set	77	–	0
metolachlor	whole	0.01	0.01	77	0	0
metosulam	whole	0.01	not set	77	–	0
metribuzin	whole	0.01	0.01	77	0	0
metsulfuron-methyl	whole	0.01	not set	77	–	0
napropamide	whole	0.01	not set	77	–	0
norflurazon	whole	0.01	not set	77	–	0
oryzalin	whole	0.01	not set	77	–	0
oxyfluorfen	whole	0.01	not set	77	–	0
paraquat	whole	0.01	1	8	0	0
pendimethalin	whole	0.01	0.05	77	0	0
picloram	whole	0.01	not set	77	–	0
propachlor	whole	0.01	not set	77	–	0
propyzamide	whole	0.01	0.01	77	0	0
quizalofop-ethyl	whole	0.01	0.2	8	0	0
quizalofop-P-tefuryl	whole	0.01	0.2	8	0	0
saflufenacil	whole	0.01	0.2	77	0	0
sethoxydim	whole	0.01	0.1	77	0	0
simazine	whole	0.01	not set	77	–	0
tralkoxydim	whole	0.01	not set	77	–	0
triasulfuron	whole	0.01	not set	77	–	0
triclopyr	whole	0.01	not set	77	–	0
trifluralin	whole	0.01	0.05	77	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	not set	77	–	0
emamectin	whole	0.01	0.01	77	0	0
acephate	whole	0.01	not set	77	–	0
acetamiprid-P	whole	0.01	not set	77	–	0
aldicarb	whole	0.01	not set	77	–	0
amitraz	whole	0.01	not set	77	–	0
azamethiphos	whole	0.01	not set	77	–	0
azinphos-methyl	whole	0.01	not set	77	–	0
bifenazate	whole	0.01	0.5	77	0	0
bifenthrin	whole	0.01	0.01	77	0	0
bioresmethrin	whole	0.01	not set	77	–	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	77	–	0
cadusafos	whole	0.01	not set	77	–	0
carbaryl	whole	0.01	0.1	77	0	0
carbofuran	whole	0.01	not set	77	–	0
chlorantraniliprole	whole	0.01	0.07	77	0	0
chlorfenapyr	whole	0.01	not set	77	–	0
chlorfenvinphos (sum of isomers)	whole	0.01	not set	77	–	0
chlorpyrifos	whole	0.01	not set	77	–	0
chlorpyrifos-methyl	whole	0.01	0.15	77	0	0
clofentezine	whole	0.01	not set	77	–	0
clothianidin	whole	0.01	not set	77	–	0
cyfluthrin (sum of isomers)	whole	0.01	0.5	77	0	0
cyhalothrin (sum of isomers)	whole	0.01	0.2	77	0	0
cypermethrin (sum of isomers)	whole	0.01	0.05	77	0	0
deltamethrin	whole	0.01	0.1	77	0	0
diafenthiuron	whole	0.01	not set	77	–	0
diazinon	whole	0.01	0.7	77	0	0
dichlorvos	whole	0.01	0.01	77	0	0
dicofol	whole	0.01	not set	77	–	0
diflubenzuron	whole	0.01	not set	77	–	0
dimethoate	whole	0.01	0.5	77	0	0
disulfoton	whole	0.01	not set	77	–	0
esfenvalerate	whole	0.01	0.5	77	0	0
ethion	whole	0.01	not set	77	–	0
ethoprophos	whole	0.005	not set	77	–	0
etoxazole	whole	0.01	not set	77	–	0
fenamiphos	whole	0.01	not set	77	–	0
fenbutatin oxide	whole	0.01	not set	77	–	0
fenitrothion	whole	0.01	0.1	77	0	0
fenoxycarb	whole	0.01	not set	77	–	0
fenpyroximate	whole	0.01	not set	77	–	0
fenthion	whole	0.01	not set	77	–	0
fenvalerate (sum of isomers)	whole	0.01	0.5	77	0	0
fipronil	whole	0.002	not set	77	–	0
hexythiazox	whole	0.01	not set	77	–	0
imidacloprid	whole	0.01	0.05	77	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	77	0	0
malathion (maldison)	whole	0.01	2	77	0	0
methacrifos	whole	0.01	not set	77	–	0
methamidophos	whole	0.01	not set	77	–	0
methidathion	whole	0.01	not set	77	–	0
methiocarb	whole	0.01	not set	77	–	0
methomyl	whole	0.01	1	77	0	0
methoprene	whole	0.01	not set	77	–	0
methoxychlor	whole	0.01	not set	77	–	0
methoxyfenozide	whole	0.01	not set	77	–	0
mevinphos	whole	0.01	not set	77	–	0
monocrotophos	whole	0.01	not set	77	–	0
omethoate	whole	0.01	2	77	0	0
parathion	whole	0.01	not set	77	–	0
parathion-methyl	whole	0.01	not set	77	–	0
permethrin (sum of isomers)	whole	0.01	not set	77	–	0
phenothrin (sum of isomers)	whole	0.01	not set	77	–	0
phorate	whole	0.01	not set	77	–	0
phosmet	whole	0.01	not set	77	–	0
piperonyl butoxide	whole	0.01	8	77	0	0
pirimicarb	whole	0.01	0.02	77	0	0
pirimiphos-methyl	whole	0.01	not set	77	–	0
profenofos	whole	0.01	not set	77	–	0
propargite	whole	0.01	not set	77	–	0
prothiofos	whole	0.01	not set	77	–	0
pymetrozine	whole	0.01	not set	77	–	0
pyrethrins	whole	0.01	1	77	0	0
pyriproxyfen	whole	0.01	not set	77	–	0
spinetoram	whole	0.01	0.01	77	0	0
spinosad	whole	0.01	0.01	77	0	0
spirotetramat	whole	0.01	not set	77	–	0
sulfoxaflor	whole	0.01	not set	77	–	0
tau-fluvalinate	whole	0.01	not set	77	–	0
tebufenozide	whole	0.01	not set	77	–	0
tebufenpyrad	whole	0.01	not set	77	–	0
terbufos	whole	0.01	not set	77	–	0
tetradifon	whole	0.01	not set	77	–	0
thiacloprid	whole	0.01	not set	77	–	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	77	–	0
thiodicarb	whole	0.01	0.1	77	0	0
triazofos	whole	0.01	not set	77	–	0
trichlorfon	whole	0.01	0.2	77	0	0
triflumuron	whole	0.01	not set	77	–	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	77	–	0
chlordane	whole	0.01	0.02	77	0	0
DDT	whole	0.01	1	77	0	0
endosulfan	whole	0.01	not set	77	–	0
endrin	whole	0.01	not set	77	–	0
HCB (hexachlorobenzene)	whole	0.01	not set	77	–	0
HCH (BHC)	whole	0.01	not set	77	–	0
heptachlor	whole	0.01	0.05	77	0	0
lindane (gamma-HCH)	whole	0.01	2	77	0	0
mirex	whole	0.01	not set	77	–	0