Australian Government
Department of Agriculture and Water Resources

Field pea residue testing annual datasets 2016–17

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	419	0	0
benalaxyl	whole	0.01	not set	419	–	0
bitertanol	whole	0.01	not set	419	–	0
boscalid	whole	0.01	0.5	419	0	0
bupirimate	whole	0.01	not set	419	–	0
captafol	whole	0.02	not set	419	–	0
captan	whole	0.01	not set	419	–	0
carbendazim	whole	0.01	0.5	419	0	0
chlorothalonil	whole	0.01	3	419	0	0
cyproconazole	whole	0.01	0.07	419	0	0
cyprodinil	whole	0.01	not set	419	–	0
difenoconazole	whole	0.01	not set	419	–	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	419	0	0
dithianon	whole	0.01	not set	419	–	0
dodine	whole	0.01	not set	419	–	0
epoxiconazole	whole	0.01	not set	419	–	0
etridiazole	whole	0.01	not set	419	–	0
fenarimol	whole	0.01	not set	419	–	0
fenhexamid	whole	0.01	not set	419	–	0
fluazinam	whole	0.01	not set	419	–	0
fludioxonil	whole	0.01	not set	419	–	0
fluquinconazole	whole	0.01	not set	419	–	0
flusilazole	whole	0.01	not set	419	–	0
flutriafol	whole	0.01	not set	419	–	0
fluxapyroxad	whole	0.01	0.1	419	0	0
hexaconazole	whole	0.01	not set	419	–	0
imazalil	whole	0.01	not set	419	–	0
ipconazole	whole	0.01	not set	419	–	0
iprodione	whole	0.01	not set	419	–	0
kresoxim-methyl	whole	0.01	not set	419	–	0
metalaxyl	whole	0.01	not set	419	–	0
myclobutanil	whole	0.01	not set	419	–	0
oxadixyl	whole	0.01	not set	419	–	0
penconazole	whole	0.01	not set	419	–	0
prochloraz	whole	0.01	not set	419	–	0
procymidone	whole	0.01	not set	419	–	0
propiconazole	whole	0.01	0.3	419	0	0
prothioconazole	whole	0.01	0.7	419	0	0
pyraclostrobin	whole	0.01	not set	419	–	0
pyrimethanil	whole	0.01	not set	419	–	0
quinoxyfen	whole	0.01	not set	419	–	0
spiroxamine-P	whole	0.01	not set	419	–	0
tebuconazole	whole	0.01	1	419	0	0
thiabendazole	whole	0.01	not set	419	–	0
tolclofos methyl	whole	0.01	not set	419	–	0
triadimefon	whole	0.01	0.1	419	0	0
triadimenol	whole	0.01	not set	419	–	0
trifloxystrobin	whole	0.01	not set	419	–	0
triticonazole	whole	0.01	not set	419	–	0
vinclozolin	whole	0.01	not set	419	–	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	419	–	0
2,4-D	whole	0.01	0.05	419	0	0
amitrole	whole	0.01	0.01	38	0	0
atrazine	whole	0.01	not set	419	–	0
bromacil	whole	0.01	not set	419	–	0
bromoxynil	whole	0.01	not set	419	–	0
carfentrazone-ethyl	whole	0.01	not set	419	–	0
chlorpropham	whole	0.01	not set	419	–	0
chlorsulfuron	whole	0.01	not set	419	–	0
chlorthal-dimethyl	whole	0.01	not set	419	–	0
clethodim (parent only)	whole	0.01	0.1	419	0	0
clodinafop-propargyl	whole	0.01	not set	419	–	0
clopyralid	whole	0.01	not set	419	–	0
cyanazine	whole	0.01	0.01	419	0	0
dicamba	whole	0.01	not set	419	–	0
dichlobenil	whole	0.01	not set	419	–	0
dichlorprop-P	whole	0.01	not set	419	–	0
diclofop-methyl	whole	0.01	not set	38	–	0
diflufenican	whole	0.01	0.05	419	0	0
diquat	whole	0.01	1	38	0	0
diuron	whole	0.01	0.05	419	0	0
ethofumesate	whole	0.01	not set	419	–	0
fenoxaprop-ethyl	whole	0.01	not set	38	–	0
flamprop-M-methyl	whole	0.01	not set	38	–	0
fluazifop-p-butyl	whole	0.01	0.5	38	0	0
flumetsulam	whole	0.01	0.05	419	0	0
glufosinate	whole	0.01	not set	38	–	0
glyphosate	whole	0.01	5	38	0	0
haloxyfop	whole	0.01	0.1	38	0	0
imazamox	whole	0.01	0.05	419	0	0
imazapic	whole	0.01	not set	419	–	0
imazapyr	whole	0.01	not set	419	–	0
imazaquin	whole	0.01	not set	419	–	0
imazethapyr	whole	0.01	0.1	419	0	0
iodosulfuron-methyl	whole	0.01	not set	419	–	0
ioxynil	whole	0.01	not set	419	–	0
isoxaben	whole	0.01	not set	419	–	0
linuron	whole	0.01	not set	419	–	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	419	0	0
methabenzthiazuron	whole	0.01	not set	419	–	0
metolachlor	whole	0.01	0.01	419	0	0
metosulam	whole	0.01	not set	419	–	0
metribuzin	whole	0.01	0.01	419	0	0
metsulfuron-methyl	whole	0.01	not set	419	–	0
napropamide	whole	0.01	not set	419	–	0
norflurazon	whole	0.01	not set	419	–	0
oryzalin	whole	0.01	not set	419	–	0
oxyfluorfen	whole	0.01	not set	419	–	0
paraquat	whole	0.01	1	38	0	0
pendimethalin	whole	0.01	0.05	419	0	0
picloram	whole	0.01	not set	419	–	0
propachlor	whole	0.01	not set	419	–	0
propyzamide	whole	0.01	0.01	419	0	0
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	419	0	0
sethoxydim	whole	0.01	0.1	419	0	0
simazine	whole	0.01	not set	419	–	0
tralkoxydim	whole	0.01	not set	419	–	0
triasulfuron	whole	0.01	not set	419	–	0
triclopyr	whole	0.01	not set	419	–	0
trifluralin	whole	0.01	0.05	419	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	419	–	0
acephate	whole	0.01	not set	419	–	0
acetamiprid	whole	0.01	not set	419	–	0
aldicarb	whole	0.01	not set	419	–	0
amitraz	whole	0.01	not set	419	–	0
azamethiphos	whole	0.01	not set	419	–	0
azinphos-methyl	whole	0.01	not set	419	–	0
bifenazate	whole	0.01	0.5	419	0	0
bifenthrin	whole	0.01	0.01	419	0	0
bioresmethrin	whole	0.01	not set	419	–	0
buprofezin	whole	0.01	not set	419	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
cadusafos	whole	0.01	not set	419	–	0
carbaryl	whole	0.01	0.1	419	0	0
carbofuran	whole	0.01	not set	419	–	0
chlorantraniliprole	whole	0.01	0.01	419	0	0
chlorfenapyr	whole	0.01	not set	419	–	0
chlorfenvinphos (sum of isomers)	whole	0.01	not set	419	–	0
chlorpyrifos	whole	0.01	not set	419	–	0
chlorpyrifos-methyl	whole	0.01	not set	419	–	0
clofentezine	whole	0.01	not set	419	–	0
clothianidin	whole	0.01	not set	419	–	0
cyfluthrin (sum of isomers)	whole	0.01	0.5	419	0	0
cyhalothrin (sum of isomers)	whole	0.01	0.2	419	0	0
cypermethrin (sum of isomers)	whole	0.01	0.05	419	0	0
deltamethrin	whole	0.01	0.1	419	0	0
diafenthiuron	whole	0.01	not set	419	–	0
diazinon	whole	0.01	0.7	419	0	0
dichlorvos	whole	0.01	0.01	419	0	0
dicofol	whole	0.01	not set	419	–	0
diflubenzuron	whole	0.01	not set	419	–	0
dimethoate	whole	0.01	0.5	419	0	0
disulfoton	whole	0.01	not set	419	–	0
emamectin	whole	0.01	0.01	419	0	0
esfenvalerate	whole	0.01	0.5	419	0	0
ethion	whole	0.01	not set	419	–	0
ethoprophos	whole	0.005	not set	419	–	0
etoxazole	whole	0.01	not set	419	–	0
fenamiphos	whole	0.01	not set	419	–	0
fenbutatin oxide	whole	0.01	not set	419	–	0
fenitrothion	whole	0.01	0.1	419	1	0
fenoxycarb	whole	0.01	not set	419	–	0
fenpyroximate	whole	0.01	not set	419	–	0
fenthion	whole	0.01	not set	419	–	0
fenvalerate (sum of isomers)	whole	0.01	0.5	419	0	0
fipronil	whole	0.002	not set	419	–	0
hexythiazox	whole	0.01	not set	419	–	0
imidacloprid	whole	0.01	0.05	419	1	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	419	0	0
malathion (maldison)	whole	0.01	2	419	0	0
methacrifos	whole	0.01	not set	419	–	0
methamidophos	whole	0.01	not set	419	–	0
methidathion	whole	0.01	not set	419	–	0
methiocarb	whole	0.01	not set	419	–	0
methomyl	whole	0.01	1	419	0	0
methoprene	whole	0.01	not set	419	–	0
methoxychlor	whole	0.01	not set	419	–	0
methoxyfenozide	whole	0.01	not set	419	–	0
mevinphos	whole	0.01	not set	419	–	0
monocrotophos	whole	0.01	not set	419	–	0
omethoate	whole	0.01	2	419	0	0
parathion	whole	0.01	not set	419	–	0
parathion-methyl	whole	0.01	not set	419	–	0
permethrin (sum of isomers)	whole	0.01	not set	419	–	0
phenothrin (sum of isomers)	whole	0.01	not set	419	–	0
phorate	whole	0.01	not set	419	–	0
phosmet	whole	0.01	not set	419	–	0
piperonyl butoxide	whole	0.01	8	419	0	0
pirimicarb	whole	0.01	0.02	419	0	0
pirimiphos-methyl	whole	0.01	not set	419	–	0
profenofos	whole	0.01	not set	419	–	0
propargite	whole	0.01	not set	419	–	0
prothiofos	whole	0.01	not set	419	–	0
pymetrozine	whole	0.01	not set	419	–	0
pyrethrins	whole	0.01	1	419	0	0
pyriproxyfen	whole	0.01	not set	419	–	0
spinetoram	whole	0.01	0.01	419	0	0
spinosad	whole	0.01	0.01	419	0	0
spirotetramat	whole	0.01	not set	419	–	0
sulfoxaflor	whole	0.01	not set	419	–	0
tau-fluvalinate	whole	0.01	not set	419	–	0
tebufenozide	whole	0.01	not set	419	–	0
tebufenpyrad	whole	0.01	not set	419	–	0
terbufos	whole	0.01	not set	419	–	0
tetradifon	whole	0.01	not set	419	–	0
thiacloprid	whole	0.01	not set	419	–	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	419	–	0
thiodicarb	whole	0.01	0.1	419	0	0
triazofos	whole	0.01	not set	419	–	0
trichlorfon	whole	0.01	0.2	419	0	0
triflumuron	whole	0.01	not set	419	–	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	419	–	0
chlordane	whole	0.01	0.02	419	0	0
DDT	whole	0.01	1	419	0	0
endosulfan	whole	0.01	not set	419	–	0
endrin	whole	0.01	not set	419	–	0
HCB (hexachlorobenzene)	whole	0.01	not set	419	–	0
HCH (BHC)	whole	0.01	not set	419	–	0
heptachlor	whole	0.01	0.05	419	0	0
lindane (gamma-HCH)	whole	0.01	2	419	0	0
mirex	whole	0.01	not set	419	–	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	21	0	0