



Field pea residue testing annual datasets 2015–16

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.

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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	305	–	0
benalaxyl	whole	0.01	not set	305	–	0
bitertanol	whole	0.01	not set	305	–	0
boscalid	whole	0.01	0.5	305	0	0
bupirimate	whole	0.01	not set	305	–	0
captafol	whole	0.02	not set	305	–	0
captan	whole	0.02	not set	305	–	0
carbendazim	whole	0.01	0.5	305	0	0
chlorothalonil	whole	0.01	3	305	0	0
cyproconazole	whole	0.01	not set	305	–	0
cyprodinil	whole	0.01	not set	305	–	0
difenoconazole	whole	0.01	not set	305	–	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dimethomorph	whole	0.01	1	305	0	0
dithianon	whole	0.01	not set	305	–	0
dodine	whole	0.01	not set	305	–	0
epoxiconazole	whole	0.01	not set	305	–	0
etridiazole	whole	0.01	not set	305	–	0
fenarimol	whole	0.01	not set	305	–	0
fenhexamid	whole	0.01	not set	305	–	0
fluazinam	whole	0.01	not set	305	–	0
fludioxonil	whole	0.01	not set	305	–	0
fluquinconazole	whole	0.01	not set	305	–	0
flusilazole	whole	0.01	not set	305	–	0
flutriafol	whole	0.01	not set	305	–	1
fluxapyroxad	whole	0.01	0.1	305	0	0
hexaconazole	whole	0.01	not set	305	–	0
imazalil	whole	0.01	not set	305	–	0
ipconazole	whole	0.01	not set	305	–	0
iprodione	whole	0.01	not set	305	–	0
kresoxim-methyl	whole	0.01	not set	305	–	0
metalaxyl	whole	0.01	not set	305	–	0
myclobutanil	whole	0.01	not set	305	–	0
oxadixyl	whole	0.01	not set	305	–	0
penconazole	whole	0.01	not set	305	–	0
prochloraz	whole	0.01	not set	305	–	0
procymidone	whole	0.01	not set	305	–	0
propiconazole	whole	0.01	not set	305	–	0
prothioconazole	whole	0.01	0.1	305	0	0
pyraclostrobin	whole	0.01	not set	305	–	0
pyrimethanil	whole	0.01	not set	305	–	0
quinoxifen	whole	0.01	not set	60	–	0
spiroxamine	whole	0.01	not set	305	–	0
tebuconazole	whole	0.01	not set	305	–	0
thiabendazole	whole	0.01	not set	305	–	3
tolclofos methyl	whole	0.01	not set	305	–	0
triadimefon	whole	0.01	0.1	305	0	0
triadimenol	whole	0.01	not set	305	–	0
trifloxystrobin	whole	0.01	not set	305	–	0
triticonazole	whole	0.01	not set	305	–	0
vinclozolin	whole	0.01	not set	305	–	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	305	–	0
2,4-D	whole	0.01	0.05	305	0	0
amitrole	whole	0.01	0.01	55	0	0
atrazine	whole	0.01	not set	305	–	0
bromacil	whole	0.01	not set	305	–	0
bromoxynil	whole	0.01	not set	305	–	0
carfentrazone-ethyl	whole	0.01	not set	305	–	0
chlorpropham	whole	0.01	not set	305	–	0
chlorsulfuron	whole	0.01	not set	305	–	0
chlorthal-dimethyl	whole	0.01	not set	305	–	0
clethodim (parent only)	whole	0.01	0.1	305	0	0
clodinafop-propargyl	whole	0.01	not set	305	–	0
clopyralid	whole	0.01	not set	305	–	0
cyanazine	whole	0.01	0.01	305	0	0
dicamba	whole	0.01	not set	305	–	0
dichlobenil	whole	0.01	not set	305	–	0
dichlorprop-P	whole	0.01	not set	305	–	0
diclofop-methyl	whole	0.01	not set	55	–	0
diflufenican	whole	0.01	0.05	305	0	0
diquat	whole	0.01	1	55	0	0
diuron	whole	0.01	0.05	305	0	0
ethofumesate	whole	0.01	not set	305	–	0
fenoxaprop-ethyl	whole	0.01	not set	55	–	0
flamprop-M-methyl	whole	0.01	not set	55	–	0
fluazifop-p-butyl	whole	0.01	0.5	55	0	0
flumetsulam	whole	0.01	0.05	305	0	0
glufosinate	whole	0.01	not set	55	–	0
glyphosate	whole	0.01	5	55	0	0
haloxyfop	whole	0.01	0.1	55	0	0
imazamox	whole	0.01	0.05	305	0	0
imazapic	whole	0.01	not set	305	–	0
imazapyr	whole	0.01	not set	305	–	0
imazaquin	whole	0.01	not set	305	–	0
imazethapyr	whole	0.01	0.1	305	0	0
iodosulfuron-methyl	whole	0.01	not set	305	–	0
ioxynil	whole	0.01	not set	305	–	0
isoxaben	whole	0.01	not set	305	–	0
linuron	whole	0.01	not set	305	–	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
MCPA	whole	0.01	0.05	305	0	0
methabenthiazuron	whole	0.01	not set	305	–	0
metolachlor	whole	0.01	0.01	305	0	0
metosulam	whole	0.01	not set	305	–	0
metribuzin	whole	0.01	0.01	305	0	0
metsulfuron-methyl	whole	0.01	not set	305	–	0
napropamide	whole	0.01	not set	305	–	0
norflurazon	whole	0.01	not set	305	–	0
oryzalin	whole	0.01	not set	305	–	0
oxyfluorfen	whole	0.01	not set	305	–	0
paraquat	whole	0.01	1	55	0	0
pendimethalin	whole	0.01	0.05	305	0	0
picloram	whole	0.01	not set	305	–	0
propachlor	whole	0.01	not set	305	–	0
propyzamide	whole	0.01	not set	233	–	0
quizalofop-ethyl	whole	0.01	0.2	55	0	0
quizalofop-P-tefuryl	whole	0.01	0.2	55	0	0
saflufenacil	whole	0.01	0.03	233	0	0
sethoxydim	whole	0.01	0.1	305	0	0
simazine	whole	0.01	not set	305	–	0
tralkoxydim	whole	0.01	not set	305	–	0
triasulfuron	whole	0.01	not set	305	–	0
triclopyr	whole	0.01	not set	305	–	0
trifluralin	whole	0.01	0.05	305	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	not set	305	–	0
acephate	whole	0.01	not set	305	–	0
acetamiprid	whole	0.01	not set	305	–	0
aldicarb	whole	0.01	not set	305	–	0
amitraz	whole	0.01	not set	305	–	0
azamethiphos	whole	0.01	not set	305	–	0
azinphos-methyl	whole	0.01	not set	305	–	0
bifenazate	whole	0.01	0.5	305	0	0
bifenthrin	whole	0.01	0.01	305	0	0
bioresmethrin	whole	0.01	not set	305	–	0
buprofezin	whole	0.01	not set	305	–	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
cadusafos	whole	0.01	not set	305	–	0
carbaryl	whole	0.01	0.1	305	0	0
carbofuran	whole	0.01	not set	305	–	0
chlorantraniliprole	whole	0.01	0.01	305	0	0
chlorfenapyr	whole	0.01	not set	305	–	0
chlorfenvinphos	whole	0.01	not set	305	–	0
chlorpyrifos	whole	0.01	not set	305	–	0
chlorpyrifos–methyl	whole	0.01	not set	305	–	0
clofentezine	whole	0.01	not set	305	–	0
clothianidin	whole	0.01	not set	305	–	0
cyfluthrin	whole	0.01	0.5	305	0	0
cyhalothrin	whole	0.01	0.2	305	0	0
cypermethrin	whole	0.01	0.05	305	0	0
deltamethrin	whole	0.01	0.1	305	0	0
diafenthiuron	whole	0.01	not set	305	–	0
diazinon	whole	0.01	0.7	305	0	0
dichlorvos	whole	0.01	0.01	305	0	0
dicofol	whole	0.01	not set	305	–	0
diflubenzuron	whole	0.01	not set	305	–	0
dimethoate	whole	0.01	0.5	305	0	0
disulfoton	whole	0.01	not set	305	–	0
emamectin	whole	0.01	0.01	305	0	0
endosulfan	whole	0.01	not set	305	–	0
esfenvalerate	whole	0.01	0.5	305	0	0
ethion	whole	0.01	not set	305	–	0
ethoprophos	whole	0.005	not set	305	–	0
etoxazole	whole	0.01	not set	305	–	0
fenamiphos	whole	0.01	not set	305	–	0
fenbutatin oxide	whole	0.01	not set	305	–	0
fenitrothion	whole	0.01	0.1	305	0	0
fenoxycarb	whole	0.01	not set	305	–	0
fenpyroximate	whole	0.01	not set	305	–	0
fenthion	whole	0.01	not set	305	–	0
fenvalerate	whole	0.01	0.5	305	0	0
fipronil	whole	0.005	not set	305	–	0
hexythiazox	whole	0.01	not set	305	–	0
imidacloprid	whole	0.01	0.05	305	1	0
indoxacarb	whole	0.01	0.2	305	0	0
malathion (maldison)	whole	0.01	2	305	0	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
methacrifos	whole	0.01	not set	305	–	0
methamidophos	whole	0.01	not set	305	–	0
methidathion	whole	0.01	0.1	305	0	0
methiocarb	whole	0.01	not set	305	–	0
methomyl	whole	0.01	1	305	0	0
methoprene	whole	0.01	not set	305	–	0
methoxychlor	whole	0.01	not set	305	–	0
methoxyfenozide	whole	0.01	not set	305	–	0
mevinphos	whole	0.01	not set	305	–	0
monocrotophos	whole	0.01	not set	305	–	0
omethoate	whole	0.01	2	305	0	0
parathion	whole	0.01	not set	305	–	0
parathion–methyl	whole	0.01	not set	305	–	0
permethrin	whole	0.01	not set	305	–	0
phenothrin	whole	0.01	not set	305	–	0
phorate	whole	0.01	not set	305	–	0
phosmet	whole	0.01	not set	305	–	0
piperonyl butoxide	whole	0.01	8	305	0	0
pirimicarb	whole	0.01	0.02	305	0	0
pirimiphos–methyl	whole	0.01	not set	305	–	0
profenofos	whole	0.01	not set	305	–	0
propargite	whole	0.01	not set	305	–	0
prothiofos	whole	0.01	not set	305	–	0
pymetrozine	whole	0.01	not set	305	–	0
pyrethrins	whole	0.01	1	305	0	0
pyriproxyfen	whole	0.01	not set	305	–	0
spinetoram	whole	0.01	0.01	305	0	0
spinosad	whole	0.01	0.01	305	0	0
spirotetramat	whole	0.01	not set	305	–	0
sulfoxaflor	whole	0.01	not set	305	–	0
tau–fluvalinate	whole	0.01	not set	305	–	0
tebufenozide	whole	0.01	not set	305	–	0
tebufenpyrad	whole	0.01	not set	305	–	0
terbufos	whole	0.01	not set	305	–	0
tetradifon	whole	0.01	not set	305	–	0
thiacloprid	whole	0.01	not set	305	–	0
thiamethoxam	whole	0.01	not set	305	–	0
thiodicarb	whole	0.01	0.1	305	0	0
triazofos	whole	0.01	not set	305	–	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
trichlorfon	whole	0.01	0.2	305	0	0
triflumuron	whole	0.01	not set	305	–	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	305	–	0
chlordane	whole	0.01	0.02	305	0	0
DDT	whole	0.01	1	305	0	0
endrin	whole	0.01	not set	305	–	0
HCB (hexachlorobenzene)	whole	0.01	not set	305	–	0
HCH (or BHC)	whole	0.01	not set	305	–	0
heptachlor	whole	0.01	0.05	305	0	0
lindane (gamma-HCH)	whole	0.01	2	305	0	0
mirex	whole	0.01	not set	305	–	0

Table 5 Fumigants

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
phosphine	whole	0.005	0.01	27	0	0