



Field pea residue testing annual datasets 2018–19

National Residue Survey, Department of Agriculture

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	0.3	25	0	0
benalaxyl	whole	0.01	not set	25	–	0
bitertanol	whole	0.01	not set	25	–	0
bixafen-P	whole	0.01	0.01	7	0	0
boscalid	whole	0.01	0.5	25	0	0
bupirimate	whole	0.01	not set	25	–	0
captafol	whole	0.02	not set	25	–	0
captan	whole	0.01	not set	25	–	0
carbendazim	whole	0.01	0.5	25	0	0
carboxin	whole	0.01	not set	7	–	0
chlorothalonil	whole	0.01	3	25	0	0
cyproconazole	whole	0.01	not set	25	–	0
cyprodinil	whole	0.01	not set	25	–	0

Field pea residue testing annual datasets 2018–19

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
difenoconazole	whole	0.01	not set	25	–	0
dimethomorph (sum of E and Z isomers)	whole	0.01	1	25	0	0
dithianon	whole	0.01	not set	25	–	0
dodine	whole	0.01	not set	25	–	0
epoxiconazole	whole	0.01	not set	25	–	0
etridiazole	whole	0.01	not set	25	–	0
fenarimol	whole	0.01	not set	25	–	0
fenbuconazole	whole	0.01	not set	7	–	0
fenhexamid	whole	0.01	not set	25	–	0
fluazinam	whole	0.01	not set	25	–	0
fludioxonil	whole	0.01	not set	25	–	0
fluquinconazole	whole	0.01	not set	25	–	0
flusilazole	whole	0.01	not set	25	–	0
flutriafol	whole	0.01	0.05	25	0	0
fluxapyroxad	whole	0.01	0.1	25	0	0
hexaconazole	whole	0.01	not set	25	–	0
imazalil	whole	0.01	not set	25	–	0
ipconazole	whole	0.01	not set	25	–	0
iprodione	whole	0.01	not set	25	–	0
isoprothiolane	whole	0.01	not set	7	–	0
kresoxim-methyl	whole	0.01	not set	25	–	0
metalaxyl	whole	0.01	not set	25	–	0
myclobutanil	whole	0.01	not set	25	–	0
oxadixyl	whole	0.01	not set	25	–	0
penconazole	whole	0.01	not set	25	–	0
penflufen	whole	0.01	not set	7	–	0
prochloraz	whole	0.01	not set	25	–	0
procymidone	whole	0.01	not set	25	–	0
propiconazole	whole	0.01	0.3	25	0	0
prothioconazole	whole	0.01	0.7	25	0	0
pyraclostrobin	whole	0.01	not set	25	–	0
pyrimethanil	whole	0.01	not set	25	–	0
quinoxifen	whole	0.01	not set	25	–	0
sedaxane	whole	0.01	not set	7	–	0
spiroxamine-P	whole	0.01	not set	25	–	0
tebuconazole	whole	0.01	1	25	0	0
thiabendazole-P	whole	0.01	not set	25	–	0
tolclofos methyl	whole	0.01	not set	25	–	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
triadimefon	whole	0.01	0.1	25	0	0
triadimenol	whole	0.01	not set	25	–	0
trifloxystrobin	whole	0.01	not set	25	–	0
triticonazole	whole	0.01	not set	25	–	0
vinclozolin	whole	0.01	not set	25	–	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	25	–	0
2,4-D	whole	0.01	0.05	25	0	0
2,4-DB	whole	0.01	not set	7	–	0
aminopyralid	whole	0.01	not set	7	–	0
amitrole	whole	0.01	0.01	2	0	0
atrazine	whole	0.01	not set	25	–	0
bentazone	whole	0.01	0.01	7	0	0
bromacil	whole	0.01	not set	25	–	0
bromoxynil	whole	0.01	not set	25	–	0
butoxydim	whole	0.01	0.01	7	0	0
carfentrazone-ethyl	whole	0.01	not set	25	–	0
chlorpropham	whole	0.01	not set	25	–	0
chlorsulfuron	whole	0.01	not set	25	–	0
chlorthal-dimethyl	whole	0.01	not set	25	–	0
clethodim (parent only)	whole	0.01	0.1	25	0	0
clodinafop-propargyl	whole	0.01	not set	25	–	0
clopyralid	whole	0.01	not set	25	–	0
cyanazine	whole	0.01	0.01	25	0	0
dicamba	whole	0.01	not set	25	–	0
dichlobenil	whole	0.01	not set	25	–	0
dichlorprop-P	whole	0.01	not set	19	–	0
diclofop-methyl	whole	0.01	not set	2	–	0
diflufenican	whole	0.01	0.05	25	0	0
diquat	whole	0.01	1	2	0	0
diuron	whole	0.01	0.05	25	0	0
ethofumesate	whole	0.01	not set	25	–	0
fenoxaprop-ethyl	whole	0.01	not set	2	–	0
flamprop-M-methyl	whole	0.01	not set	2	–	0
fluazifop-p-butyl	whole	0.01	0.5	2	0	0

Field pea residue testing annual datasets 2018–19

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
flumetsulam	whole	0.01	0.05	25	0	0
flumioxazin	whole	0.01	0.1	7	0	0
fluroxypyr	whole	0.01	not set	7	–	0
glufosinate	whole	0.01	not set	2	–	0
glyphosate	whole	0.01	5	2	0	0
haloxyfop	whole	0.01	0.1	2	0	0
imazamox	whole	0.01	0.05	25	0	0
imazapic	whole	0.01	not set	25	–	0
imazapyr	whole	0.01	not set	25	–	0
imazaquin	whole	0.01	not set	25	–	0
imazethapyr	whole	0.01	0.1	25	0	0
iodosulfuron-methyl	whole	0.01	not set	25	–	0
ioxynil	whole	0.01	not set	25	–	0
isoxaben	whole	0.01	not set	25	–	0
linuron	whole	0.01	not set	25	–	0
MCPA	whole	0.01	0.05	25	0	0
methabenzthiazuron	whole	0.01	not set	25	–	0
metolachlor	whole	0.01	0.01	25	0	0
metosulam	whole	0.01	not set	25	–	0
metribuzin	whole	0.01	0.01	25	0	0
metsulfuron-methyl	whole	0.01	not set	25	–	0
napropamide	whole	0.01	not set	25	–	0
norflurazon	whole	0.01	not set	25	–	0
oryzalin	whole	0.01	not set	25	–	0
oxyfluorfen	whole	0.01	not set	25	–	0
paraquat	whole	0.01	1	2	0	0
pendimethalin	whole	0.01	0.05	25	0	0
picloram	whole	0.01	not set	25	–	0
propachlor	whole	0.01	not set	25	–	0
propyzamide	whole	0.01	0.01	25	0	0
quizalofop-ethyl	whole	0.01	0.2	2	0	0
quizalofop-P-tefuryl	whole	0.01	0.2	2	0	0
saflufenacil	whole	0.01	0.2	25	0	0
sethoxydim	whole	0.01	0.1	25	0	0
simazine	whole	0.01	not set	25	–	0
terbutryn	whole	0.01	not set	7	–	0
tralkoxydim	whole	0.01	not set	25	–	0
triallate	whole	0.01	0.1	7	0	0
triasulfuron	whole	0.01	not set	25	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
triclopyr	whole	0.01	not set	25	–	0
trifluralin	whole	0.01	0.05	25	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	25	–	0
acephate	whole	0.01	not set	25	–	0
acetamiprid-P	whole	0.01	not set	25	–	0
aldicarb	whole	0.01	not set	25	–	0
amitraz	whole	0.01	not set	25	–	0
azamethiphos	whole	0.01	not set	25	–	0
azinphos-methyl	whole	0.01	not set	25	–	0
bifenazate	whole	0.01	0.5	25	0	0
bifenthrin	whole	0.01	0.01	25	0	0
bioresmethrin	whole	0.01	not set	25	–	0
buprofezin	whole	0.01	not set	25	–	0
cadusafos	whole	0.01	not set	25	–	0
carbaryl	whole	0.01	0.1	25	0	0
carbofuran	whole	0.01	not set	25	–	0
chlorantraniliprole	whole	0.01	0.07	25	0	0
chlorfenapyr	whole	0.01	not set	25	–	0
chlorfenvinphos (sum of isomers)	whole	0.01	not set	25	–	0
chlorpyrifos	whole	0.01	not set	25	–	0
chlorpyrifos-methyl	whole	0.01	0.15	25	0	0
clofentezine	whole	0.01	not set	25	–	0
clothianidin	whole	0.01	not set	25	–	0
Cyfluthrin (sum of isomers)	whole	0.01	0.5	25	0	0
Cyhalothrin (sum of isomers)	whole	0.01	0.2	25	0	0
cypermethrin (sum of isomers)	whole	0.01	0.05	25	0	0
deltamethrin	whole	0.01	0.1	25	0	0
diafenthiuron	whole	0.01	not set	25	–	0
diazinon	whole	0.01	0.7	25	0	0
dichlorvos	whole	0.01	0.01	25	0	0
dicofol	whole	0.01	not set	25	–	0
diflubenzuron	whole	0.01	not set	25	–	0

Field pea residue testing annual datasets 2018–19

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dimethoate	whole	0.01	0.5	25	0	0
disulfoton	whole	0.01	not set	25	–	0
emamectin	whole	0.01	0.01	25	0	0
esfenvalerate	whole	0.01	0.5	25	0	0
ethion	whole	0.01	not set	25	–	0
ethoprophos	whole	0.005	not set	25	–	0
etoxazole	whole	0.01	not set	25	–	0
fenamiphos	whole	0.01	not set	25	–	0
fenbutatin oxide	whole	0.01	not set	25	–	0
fenitrothion	whole	0.01	0.1	25	0	0
fenoxycarb	whole	0.01	not set	25	–	0
fenpyroximate	whole	0.01	not set	25	–	0
fenthion	whole	0.01	not set	25	–	0
fenvalerate (sum of isomers)	whole	0.01	0.5	25	0	0
fipronil	whole	0.002	not set	25	–	0
hexythiazox	whole	0.01	not set	25	–	0
imidacloprid	whole	0.01	0.05	25	1	0
indoxacarb	whole	0.01	0.2	25	0	0
malathion (maldison)	whole	0.01	2	25	0	0
methacrifos	whole	0.01	not set	25	–	0
methamidophos	whole	0.01	not set	25	–	0
methidathion	whole	0.01	not set	25	–	0
methiocarb	whole	0.01	not set	25	–	0
methomyl	whole	0.01	1	25	0	0
methoprene	whole	0.01	not set	25	–	0
methoxychlor	whole	0.01	not set	25	–	0
methoxyfenozide	whole	0.01	not set	25	–	0
mevinphos	whole	0.01	not set	25	–	0
monocrotophos	whole	0.01	not set	25	–	0
omethoate	whole	0.01	2	25	0	0
parathion	whole	0.01	not set	25	–	0
parathion-methyl	whole	0.01	not set	25	–	0
Permethrin (sum of isomers)	whole	0.01	not set	25	–	0
phenothrin (sum of isomers)	whole	0.01	not set	25	–	0
phorate	whole	0.01	not set	25	–	0
phosmet	whole	0.01	not set	25	–	0
piperonyl butoxide	whole	0.01	not set	25	–	0

Field pea residue testing annual datasets 2018–19

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
pirimicarb	whole	0.01	0.02	25	0	0
pirimiphos-methyl	whole	0.01	not set	25	–	0
profenofos	whole	0.01	not set	25	–	0
propargite	whole	0.01	not set	25	–	0
prothiofos	whole	0.01	not set	25	–	0
pymetrozine	whole	0.01	not set	25	–	0
pyrethrins	whole	0.01	1	25	0	0
pyriproxyfen	whole	0.01	not set	25	–	0
spinetoram	whole	0.01	0.01	25	0	0
spinosad	whole	0.01	0.01	25	0	0
spirotetramat	whole	0.01	not set	25	–	0
sulfoxaflor	whole	0.01	not set	25	–	0
tau-fluvalinate	whole	0.01	not set	25	–	0
tebufenozide	whole	0.01	not set	25	–	0
tebufenpyrad	whole	0.01	not set	25	–	0
terbufos	whole	0.01	not set	25	–	0
tetradifon	whole	0.01	not set	25	–	0
thiacloprid	whole	0.01	not set	25	–	0
thiamethoxam	whole	0.01	not set	25	–	0
thiodicarb	whole	0.01	0.1	25	0	0
triazofos	whole	0.01	not set	25	–	0
trichlorfon	whole	0.01	0.2	25	0	0
triflumuron	whole	0.01	not set	25	–	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	25	–	0
chlordane	whole	0.01	0.02	25	0	0
DDT	whole	0.01	1	25	0	0
endosulfan	whole	0.01	not set	25	–	0
endrin	whole	0.01	not set	25	–	0
HCB (hexachlorobenzene)	whole	0.01	not set	25	–	0
HCH (BHC)	whole	0.01	not set	25	–	0
heptachlor	whole	0.01	0.05	25	0	0
lindane (gamma-HCH)	whole	0.01	2	25	0	0
mirex	whole	0.01	not set	25	–	0

