Field pea residue testing annual datasets 2019–20

National Residue Survey, Department of Agriculture, Water and the Environment

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	23	0	0
benalaxyl	whole	0.01	not set	23	–	0
bitertanol	whole	0.01	not set	23	–	0
bixafen	whole	0.01	0.01	23	0	0
boscalid	whole	0.01	0.5	23	0	0
bupirimate	whole	0.01	not set	23	–	0
captafol	whole	0.02	not set	23	–	0
captan	whole	0.01	not set	23	–	0
carbendazim	whole	0.01	0.5	23	0	0
carboxin	whole	0.01	not set	23	–	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
chlorothalonil	whole	0.01	3	23	0	0
cyproconazole	whole	0.01	not set	23	–	0
cyprodinil	whole	0.01	not set	23	–	0
difenoconazole	whole	0.01	not set	23	–	0
dimethomorph (sum of E and Z isomers)	whole	0.01	1	23	0	0
dithianon	whole	0.01	not set	23	–	0
dodine	whole	0.01	not set	23	–	0
epoxiconazole	whole	0.01	not set	23	–	0
etridiazole	whole	0.01	not set	23	–	0
fenarimol	whole	0.01	not set	23	–	0
fenbuconazole	whole	0.01	not set	23	–	0
fenhexamid	whole	0.01	not set	23	–	0
fluazinam	whole	0.01	not set	23	–	0
fludioxonil	whole	0.01	0.1	23	0	0
fluquinconazole	whole	0.01	not set	23	–	0
flusilazole	whole	0.01	not set	23	–	0
flutriafol	whole	0.01	0.05	23	0	0
fluxapyroxad	whole	0.01	0.1	23	0	0
hexaconazole	whole	0.01	not set	23	–	0
imazalil	whole	0.01	not set	23	–	0
ipconazole	whole	0.01	not set	23	–	0
iprodione	whole	0.01	not set	23	–	0
isoprothiolane	whole	0.01	not set	23	–	0
kresoxim-methyl	whole	0.01	not set	23	–	0
metalaxyl	whole	0.01	not set	23	–	0
myclobutanil	whole	0.01	not set	23	–	0
oxadixyl	whole	0.01	not set	23	–	0
penconazole	whole	0.01	not set	23	–	0
penflufen	whole	0.01	not set	23	–	0
prochloraz	whole	0.01	not set	23	–	0
procymidone	whole	0.01	not set	23	–	0
propiconazole	whole	0.01	0.3	23	0	0
prothioconazole	whole	0.01	0.7	23	0	0
pyraclostrobin	whole	0.01	not set	23	–	0
pyrimethanil	whole	0.01	not set	23	–	0
quinoxyfen	whole	0.01	not set	23	–	0
sedaxane	whole	0.01	not set	23	–	0
spiroxamine	whole	0.01	not set	23	–	0
tebuconazole	whole	0.01	1	23	0	0
thiabendazole	whole	0.01	not set	23	–	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
tolclofos methyl	whole	0.01	not set	23	–	0
triadimefon	whole	0.01	0.1	23	0	0
triadimenol	whole	0.01	not set	23	–	0
trifloxystrobin	whole	0.01	not set	23	–	0
triticonazole	whole	0.01	not set	23	–	0
vinclozolin	whole	0.01	not set	23	–	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	23	–	0
2,4-D	whole	0.01	0.05	23	0	0
2,4-DB	whole	0.01	not set	23	–	0
aminopyralid	whole	0.01	not set	23	–	0
amitrole	whole	0.01	0.01	3	0	0
atrazine	whole	0.01	not set	23	–	0
bentazone	whole	0.01	0.01	23	0	0
bromacil	whole	0.01	not set	23	–	0
bromoxynil	whole	0.01	not set	23	–	0
butroxydim	whole	0.01	0.01	23	0	0
carfentrazone-ethyl	whole	0.01	not set	23	–	0
chlormequat	whole	0.01	not set	3	–	0
chlorpropham	whole	0.01	not set	23	–	0
chlorsulfuron	whole	0.01	not set	23	–	0
chlorthal-dimethyl	whole	0.01	not set	23	–	0
clethodim (parent only)	whole	0.01	0.1	23	0	0
clodinafop-propargyl	whole	0.01	not set	23	–	0
clopyralid	whole	0.01	not set	23	–	0
cyanazine	whole	0.01	0.01	23	0	0
dicamba	whole	0.01	not set	23	–	0
dichlobenil	whole	0.01	not set	23	–	0
dichlorprop-P	whole	0.01	not set	3	–	0
diclofop-methyl	whole	0.01	not set	3	–	0
diflufenican	whole	0.01	0.05	23	0	0
diquat	whole	0.01	1	3	0	0
diuron	whole	0.01	0.05	23	0	0
ethofumesate	whole	0.01	not set	23	–	0
fenoxaprop-ethyl	whole	0.01	not set	23	–	0
flamprop-M-methyl	whole	0.01	not set	3	–	0

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Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
fluazifop-p-butyl	whole	0.01	0.5	3	0	0
flumetsulam	whole	0.01	0.05	23	0	0
flumioxazin	whole	0.01	0.1	23	0	0
fluroxypyr	whole	0.01	not set	23	–	0
glufosinate	whole	0.01	not set	3	–	0
glyphosate	whole	0.01	5	3	0	0
haloxyfop	whole	0.01	0.1	3	0	0
imazamox	whole	0.01	0.05	23	0	0
imazapic	whole	0.01	not set	23	–	0
imazapyr	whole	0.01	not set	23	–	0
imazaquin	whole	0.01	not set	23	–	0
imazethapyr	whole	0.01	0.1	23	0	0
iodosulfuron-methyl	whole	0.01	not set	23	–	0
ioxynil	whole	0.01	not set	23	–	0
isoxaben	whole	0.01	not set	23	–	0
linuron	whole	0.01	not set	23	–	0
MCPA	whole	0.01	0.05	23	0	0
methabenzthiazuron	whole	0.01	not set	23	–	0
metolachlor	whole	0.01	0.01	23	0	0
metosulam	whole	0.01	not set	23	–	0
metribuzin	whole	0.01	0.01	23	0	0
metsulfuron-methyl	whole	0.01	not set	23	–	0
napropamide	whole	0.01	not set	23	–	0
norflurazon	whole	0.01	not set	23	–	0
oryzalin	whole	0.01	not set	23	–	0
oxyfluorfen	whole	0.01	not set	23	–	0
paraquat	whole	0.01	1	3	0	0
pendimethalin	whole	0.01	0.05	23	0	0
picloram	whole	0.01	not set	23	–	0
propachlor	whole	0.01	not set	23	–	0
propaquizafop	whole	0.01	0.05	3	0	0
propyzamide	whole	0.01	0.01	23	0	0
quizalofop-ethyl	whole	0.01	0.2	3	0	0
quizalofop-P-tefuryl	whole	0.01	0.2	3	0	0
saflufenacil	whole	0.01	0.2	23	0	0
sethoxydim	whole	0.01	0.1	23	0	0
simazine	whole	0.01	not set	23	–	0
terbutryn	whole	0.01	not set	23	–	0
tralkoxydim	whole	0.01	not set	23	–	0
triallate	whole	0.01	0.1	23	0	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
triasulfuron	whole	0.01	not set	23	–	0
triclopyr	whole	0.01	not set	23	–	0
trifluralin	whole	0.01	0.05	23	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	23	–	0
acephate	whole	0.01	not set	23	–	0
acetamiprid	whole	0.01	not set	23	–	0
aldicarb	whole	0.01	not set	23	–	0
amitraz	whole	0.01	not set	23	–	0
azamethiphos	whole	0.01	not set	23	–	0
azinphos-methyl	whole	0.01	not set	23	–	0
bifenazate	whole	0.01	0.5	23	0	0
bifenthrin	whole	0.01	0.01	23	0	0
bioresmethrin	whole	0.01	not set	23	–	0
buprofezin	whole	0.01	not set	23	–	0
cadusafos	whole	0.01	not set	23	–	0
carbaryl	whole	0.01	0.1	23	0	0
carbofuran	whole	0.01	not set	23	–	0
chlorantraniliprole	whole	0.01	0.07	23	0	0
chlorfenapyr	whole	0.01	not set	23	–	0
chlorfenvinphos (sum of isomers)	whole	0.01	not set	23	–	0
chlorpyrifos	whole	0.01	not set	23	–	0
chlorpyrifos-methyl	whole	0.01	0.15	23	0	0
clofentezine	whole	0.01	not set	23	–	0
clothianidin	whole	0.01	0.1	23	0	0
cyfluthrin (sum of isomers)	whole	0.01	0.5	23	0	0
cyhalothrin (sum of isomers)	whole	0.01	0.2	23	0	0
cypermethrin (sum of isomers)	whole	0.01	0.05	23	0	0
deltamethrin	whole	0.01	0.1	23	0	0
diafenthiuron	whole	0.01	not set	23	–	0
diazinon	whole	0.01	0.7	23	0	0
dichlorvos	whole	0.01	0.01	23	0	0
dicofol	whole	0.01	not set	23	–	0
diflubenzuron	whole	0.01	not set	23	–	0
dimethoate	whole	0.01	0.5	23	0	0

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Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
disulfoton	whole	0.01	not set	23	–	0
emamectin	whole	0.01	0.01	23	0	0
esfenvalerate	whole	0.01	0.5	23	0	0
ethion	whole	0.01	not set	23	–	0
ethoprophos	whole	0.005	not set	23	–	0
etoxazole	whole	0.01	not set	23	–	0
fenamiphos	whole	0.01	not set	23	–	0
fenbutatin oxide	whole	0.01	not set	23	–	0
fenitrothion	whole	0.01	0.1	23	0	0
fenoxycarb	whole	0.01	not set	23	–	0
fenpyroximate	whole	0.01	not set	23	–	0
fenthion	whole	0.01	not set	23	–	0
fenvalerate (sum of isomers)	whole	0.01	0.5	23	0	0
fipronil	whole	0.002	not set	23	–	0
hexythiazox	whole	0.01	not set	23	–	0
imidacloprid	whole	0.01	0.05	23	0	0
indoxacarb	whole	0.01	0.2	23	0	0
malathion (maldison)	whole	0.01	2	23	0	0
methacrifos	whole	0.01	not set	23	–	0
methamidophos	whole	0.01	not set	23	–	0
methidathion	whole	0.01	not set	23	–	0
methiocarb	whole	0.01	not set	23	–	0
methomyl	whole	0.01	1	23	0	0
methoprene	whole	0.01	not set	23	–	0
methoxychlor	whole	0.01	not set	23	–	0
methoxyfenozide	whole	0.01	not set	23	–	0
mevinphos	whole	0.01	not set	23	–	0
monocrotophos	whole	0.01	not set	23	–	0
omethoate	whole	0.01	2	23	0	0
parathion	whole	0.01	not set	23	–	0
parathion-methyl	whole	0.01	not set	23	–	0
permethrin (sum of isomers)	whole	0.01	not set	23	–	0
phenothrin (sum of isomers)	whole	0.01	not set	23	–	0
phorate	whole	0.01	not set	23	–	0
phosmet	whole	0.01	not set	23	–	0
piperonyl butoxide	whole	0.01	8	23	0	0
pirimicarb	whole	0.01	0.02	23	0	0
pirimiphos-methyl	whole	0.01	not set	23	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
profenofos	whole	0.01	not set	23	–	0
propargite	whole	0.01	not set	23	–	0
prothiofos	whole	0.01	not set	23	–	0
pymetrozine	whole	0.01	not set	23	–	0
pyrethrins	whole	0.01	1	23	0	0
pyriproxyfen	whole	0.01	not set	23	–	0
spinetoram	whole	0.01	0.01	23	0	0
spinosad	whole	0.01	0.01	23	0	0
spirotetramat	whole	0.01	not set	23	–	0
sulfoxaflor	whole	0.01	not set	23	–	0
tau-fluvalinate	whole	0.01	not set	23	–	0
tebufenozide	whole	0.01	not set	23	–	0
tebufenpyrad	whole	0.01	not set	23	–	0
terbufos	whole	0.01	not set	23	–	0
tetradifon	whole	0.01	not set	23	–	0
thiacloprid	whole	0.01	not set	23	–	0
thiamethoxam	whole	0.01	0.5	23	0	0
thiodicarb	whole	0.01	0.1	23	0	0
triazofos	whole	0.01	not set	23	–	0
trichlorfon	whole	0.01	0.2	23	0	0
triflumuron	whole	0.01	not set	23	–	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	23	–	0
chlordane	whole	0.01	0.02	23	0	0
DDT	whole	0.01	1	23	0	0
endosulfan	whole	0.01	not set	23	–	0
endrin	whole	0.01	not set	23	–	0
HCB (hexachlorobenzene)	whole	0.01	not set	23	–	0
HCH (BHC)	whole	0.01	not set	23	–	0
heptachlor	whole	0.01	0.05	23	0	0
lindane (gamma-HCH)	whole	0.01	2	23	0	0
mirex	whole	0.01	not set	23	–	0