



Field pea residue testing annual datasets 2020–21

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	30	0	0
benalaxyl	whole	0.01	not set	30	–	0
bitertanol	whole	0.01	not set	30	–	0
bixafen	whole	0.01	0.01	30	0	0
boscalid	whole	0.01	0.5	30	0	0
bupirimate	whole	0.01	not set	30	–	0
captafol	whole	0.02	not set	30	–	0
captan	whole	0.01	not set	30	–	0
carbendazim	whole	0.01	0.5	30	0	0
carboxin	whole	0.01	not set	30	–	0

Field pea residue testing annual datasets 2020–21

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
chlorothalonil	whole	0.01	3	30	0	0
cyproconazole	whole	0.01	0.05	30	0	0
cyprodinil	whole	0.01	not set	30	–	0
difenoconazole	whole	0.01	not set	30	–	0
dimethomorph (sum of E and Z isomers)	whole	0.01	1	30	0	0
dithianon	whole	0.01	not set	30	–	0
dodine	whole	0.01	not set	30	–	0
epoxiconazole	whole	0.01	not set	30	–	0
etridiazole	whole	0.01	not set	30	–	0
fenarimol	whole	0.01	not set	30	–	0
fenbuconazole	whole	0.01	not set	30	–	0
fenhexamid	whole	0.01	not set	30	–	0
fluazinam	whole	0.01	not set	30	–	0
fludioxonil	whole	0.01	0.1	30	0	0
fluquinconazole	whole	0.01	not set	30	–	0
flusilazole	whole	0.01	not set	30	–	0
flutriafol	whole	0.01	0.05	30	0	0
fluxapyroxad	whole	0.01	0.1	30	0	0
hexaconazole	whole	0.01	not set	30	–	0
imazalil	whole	0.01	not set	30	–	0
ipconazole	whole	0.01	not set	30	–	0
iprodione	whole	0.01	not set	30	–	0
isoprothiolane	whole	0.01	not set	30	–	0
kresoxim-methyl	whole	0.01	not set	30	–	0
metalaxyl	whole	0.01	not set	30	–	0
myclobutanil	whole	0.01	not set	30	–	0
oxadixyl	whole	0.01	not set	30	–	0
penconazole	whole	0.01	not set	30	–	0
penflufen	whole	0.01	not set	30	–	0
prochloraz	whole	0.01	not set	30	–	0
procymidone	whole	0.01	not set	30	–	0
propiconazole	whole	0.01	not set	30	–	0
prothioconazole	whole	0.01	0.02	30	0	0
pyraclostrobin	whole	0.01	not set	30	–	0
pyrimethanil	whole	0.01	not set	30	–	0
quinoxifen	whole	0.01	not set	30	–	0
sedaxane	whole	0.01	not set	30	–	0
spiroxamine	whole	0.01	not set	30	–	0
tebuconazole	whole	0.01	1	30	0	0
thiabendazole	whole	0.01	not set	30	–	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	30	–	0
triadimefon	whole	0.01	0.1	30	0	0
triadimenol	whole	0.01	not set	30	–	0
trifloxystrobin	whole	0.01	not set	30	–	0
triticonazole	whole	0.01	not set	30	–	0
vinclozolin	whole	0.01	not set	30	–	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	30	–	0
2,4-D	whole	0.01	0.05	30	0	0
2,4-DB	whole	0.01	not set	30	–	0
acifluorfen	whole	0.01	0.1	20	0	0
ametryn	whole	0.01	not set	20	–	0
aminopyralid	whole	0.01	not set	30	–	0
amitrole	whole	0.01	0.01	7	0	0
atrazine	whole	0.01	not set	30	–	0
bentazone	whole	0.01	0.01	30	0	0
bicyclopyrone	whole	0.01	not set	20	–	0
bromacil	whole	0.01	not set	30	–	0
bromoxynil	whole	0.01	not set	30	–	0
butroxydim	whole	0.01	0.01	30	0	0
carfentrazone-ethyl	whole	0.01	not set	30	–	0
chlormequat	whole	0.01	not set	7	–	0
chlorpropham	whole	0.01	not set	30	–	0
chlorsulfuron	whole	0.01	not set	30	–	0
chlorthal-dimethyl	whole	0.01	not set	30	–	0
clethodim (parent only)	whole	0.01	0.1	30	0	0
clodinafop acid	whole	0.01	not set	20	–	0
clodinafop-propargyl	whole	0.01	not set	30	–	0
clomazone	whole	0.01	not set	20	–	0
clopyralid	whole	0.01	not set	30	–	0
cloquintocet-mexyl	whole	0.01	not set	20	–	0
cyanazine	whole	0.01	0.01	30	0	0
dicamba	whole	0.01	not set	30	–	0
dichlobenil	whole	0.01	not set	30	–	0
dichlorprop	whole	0.01	not set	7	–	0
diclofop-methyl	whole	0.01	not set	7	–	0

Field pea residue testing annual datasets 2020–21

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
diflufenican	whole	0.01	0.05	30	0	0
dimethenamid	whole	0.01	0.02	20	0	0
diquat	whole	0.01	1	7	0	0
diuron	whole	0.01	0.05	30	0	0
EPTC	whole	0.01	0.04	20	0	0
ethofumesate	whole	0.01	not set	30	–	0
fenoxaprop-ethyl	whole	0.01	not set	30	–	0
flamprop-M-methyl	whole	0.01	not set	7	–	0
florasulam	whole	0.01	not set	20	–	0
fluazifop-p-butyl	whole	0.01	0.5	7	0	0
flumetsulam	whole	0.01	0.05	30	0	0
flumioxazin	whole	0.01	0.1	30	0	0
fluroxypyr	whole	0.01	not set	30	–	0
glufosinate	whole	0.01	not set	7	–	0
glyphosate	whole	0.01	5	7	0	0
halauxifen-methyl	whole	0.01	not set	20	–	0
halosulfuron-methyl	whole	0.01	not set	20	–	0
haloxyfop	whole	0.01	0.1	7	0	0
imazamox	whole	0.01	0.05	3	0	0
imazapic	whole	0.01	not set	3	–	0
imazapyr	whole	0.01	not set	3	–	0
imazaquin	whole	0.01	not set	3	–	0
imazethapyr	whole	0.01	0.1	3	0	0
iodosulfuron-methyl	whole	0.01	not set	30	–	0
ioxynil	whole	0.01	not set	30	–	0
isoxaben	whole	0.01	not set	30	–	0
isoxaflutole	whole	0.01	not set	20	–	0
linuron	whole	0.01	not set	30	–	0
MCPA	whole	0.01	0.05	30	0	0
MCPB	whole	0.01	0.05	20	0	0
mefenpyr-diethyl	whole	0.01	not set	20	–	0
metazachlor	whole	0.01	0.03	20	0	0
methabenzthiazuron	whole	0.01	not set	30	–	0
metolachlor	whole	0.01	0.01	30	0	0
metosulam	whole	0.01	not set	30	–	0
metribuzin	whole	0.01	0.01	30	0	0
metsulfuron-methyl	whole	0.01	not set	30	–	0
napropamide	whole	0.01	not set	30	–	0
norflurazon	whole	0.01	not set	30	–	0
oryzalin	whole	0.01	not set	30	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
oxyfluorfen	whole	0.01	not set	30	–	0
paraquat	whole	0.01	1	7	0	0
pendimethalin	whole	0.01	0.05	30	0	0
picloram	whole	0.01	not set	30	–	0
picolinafen	whole	0.01	0.02	20	0	0
pinoxaden (parent)	whole	0.01	not set	20	–	0
prometryn	whole	0.01	0.1	20	0	0
propachlor	whole	0.01	not set	30	–	0
propaquizafop	whole	0.01	0.05	7	0	0
propyzamide	whole	0.01	0.01	30	0	0
prosulfocarb	whole	0.01	0.01	20	0	0
pyraflufen-ethyl	whole	0.01	0.02	20	0	0
pyrasulfotole	whole	0.01	not set	20	–	0
pyroxasulfone	whole	0.01	0.01	20	0	0
pyroxsulam	whole	0.01	not set	20	–	0
quizalofop-ethyl	whole	0.01	0.2	7	0	0
quizalofop-P-tefuryl	whole	0.01	0.2	7	0	0
saflufenacil	whole	0.01	0.2	30	0	0
sethoxydim	whole	0.01	0.1	30	0	0
simazine	whole	0.01	not set	30	–	0
sulfosulfuron	whole	0.01	not set	20	–	0
terbuthylazine	whole	0.01	0.02	20	0	0
terbutryn	whole	0.01	not set	30	–	0
tralkoxydim	whole	0.01	not set	30	–	0
triallate	whole	0.01	0.1	30	0	0
triasulfuron	whole	0.01	not set	30	–	0
tribenuron-methyl	whole	0.01	not set	20	–	0
triclopyr	whole	0.01	not set	30	–	0
trifluralin	whole	0.01	0.05	30	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	30	–	0
acephate	whole	0.01	not set	30	–	0
acetamiprid	whole	0.01	not set	30	–	0
aldicarb	whole	0.01	not set	30	–	0
amitraz	whole	0.01	not set	30	–	0
azamethiphos	whole	0.01	not set	30	–	0
azinphos-methyl	whole	0.01	not set	30	–	0

Field pea residue testing annual datasets 2020–21

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
bifenazate	whole	0.01	0.5	30	0	0
bifenthrin	whole	0.01	0.01	30	0	0
bioresmethrin	whole	0.01	not set	30	–	0
buprofezin	whole	0.01	0.01	30	0	0
cadusafos	whole	0.01	not set	30	–	0
carbaryl	whole	0.01	0.1	30	0	0
carbofuran	whole	0.01	not set	30	–	0
chlorantraniliprole	whole	0.01	0.07	30	0	0
chlorfenapyr	whole	0.01	not set	30	–	0
chlorfenvinphos (sum of isomers)	whole	0.01	not set	30	–	0
chlorpyrifos	whole	0.01	not set	30	–	0
chlorpyrifos-methyl	whole	0.01	0.15	30	0	0
clofentezine	whole	0.01	not set	30	–	0
clothianidin	whole	0.01	0.1	30	0	0
cyantraniliprole	whole	0.01	0.05	20	0	0
cyfluthrin (sum of isomers)	whole	0.01	not set	30	–	0
cyhalothrin (sum of isomers)	whole	0.01	0.2	30	0	0
cypermethrin (sum of isomers)	whole	0.01	0.05	30	0	0
deltamethrin	whole	0.01	0.1	30	0	0
diafenthiuron	whole	0.01	not set	30	–	0
diazinon	whole	0.01	0.7	30	0	0
dichlorvos	whole	0.01	0.01	30	0	0
dicofol	whole	0.01	not set	30	–	0
diflubenzuron	whole	0.01	not set	30	–	0
dimethoate	whole	0.01	0.7	30	0	0
disulfoton	whole	0.01	not set	30	–	0
emamectin	whole	0.01	0.01	30	0	0
esfenvalerate	whole	0.01	0.5	18	0	0
ethion	whole	0.01	not set	30	–	0
ethoprophos	whole	0.005	not set	30	–	0
etoxazole	whole	0.01	not set	30	–	0
fenamiphos	whole	0.01	not set	30	–	0
fenbutatin oxide	whole	0.01	not set	30	–	0
fenitrothion	whole	0.01	0.1	30	0	0
fenoxycarb	whole	0.01	not set	30	–	0
fenpyroximate	whole	0.01	not set	30	–	0
fenthion	whole	0.01	not set	30	–	0
fenvalerate (sum of isomers)	whole	0.01	0.5	30	0	0

Field pea residue testing annual datasets 2020–21

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
fipronil	whole	0.002	not set	30	–	0
flonicamid	whole	0.01	not set	20	–	0
hexythiazox	whole	0.01	not set	30	–	0
imidacloprid	whole	0.01	0.05	30	0	0
indoxacarb	whole	0.01	0.2	30	0	0
malathion (maldison)	whole	0.01	2	30	0	0
methacrifos	whole	0.01	not set	30	–	0
methamidophos	whole	0.01	not set	30	–	0
methidathion	whole	0.01	not set	30	–	0
methiocarb	whole	0.01	not set	30	–	0
methomyl	whole	0.01	1	30	0	0
methoprene	whole	0.01	not set	30	–	0
methoxychlor	whole	0.01	not set	30	–	0
methoxyfenozide	whole	0.01	not set	30	–	0
mevinphos	whole	0.01	not set	30	–	0
monocrotophos	whole	0.01	not set	30	–	0
omethoate	whole	0.01	0.1	30	0	0
parathion	whole	0.01	not set	30	–	0
parathion-methyl	whole	0.01	not set	30	–	0
permethrin (sum of isomers)	whole	0.01	not set	30	–	2
phenothrin (sum of isomers)	whole	0.01	not set	30	–	0
phorate	whole	0.01	not set	30	–	0
phosmet	whole	0.01	not set	30	–	0
piperonyl butoxide	whole	0.01	8	30	0	0
pirimicarb	whole	0.01	0.02	30	0	0
pirimiphos-methyl	whole	0.01	not set	30	–	0
profenofos	whole	0.01	not set	30	–	0
propargite	whole	0.01	not set	30	–	0
prothiofos	whole	0.01	not set	30	–	0
pymetrozine	whole	0.01	not set	30	–	0
pyrethrins	whole	0.01	1	30	0	0
pyriproxyfen	whole	0.01	not set	30	–	0
spinetoram	whole	0.01	0.01	30	0	0
spinosad	whole	0.01	0.01	30	0	0
spirotetramat	whole	0.01	not set	30	–	0
sulfoxaflor	whole	0.01	not set	30	–	0
tau-fluvalinate	whole	0.01	not set	30	–	0
tebufenozide	whole	0.01	not set	30	–	0
tebufenpyrad	whole	0.01	not set	30	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
terbufos	whole	0.01	not set	30	–	0
tetradifon	whole	0.01	not set	30	–	0
thiacloprid	whole	0.01	not set	30	–	0
thiamethoxam	whole	0.01	0.5	30	0	0
thiodicarb	whole	0.01	0.1	30	0	0
triazofos	whole	0.01	not set	30	–	0
trichlorfon	whole	0.01	0.2	30	0	0
triflumuron	whole	0.01	not set	30	–	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	30	–	0
chlordane	whole	0.01	0.02	30	0	0
DDT	whole	0.01	1	30	0	0
endosulfan	whole	0.01	not set	30	–	0
endrin	whole	0.01	not set	30	–	0
HCB (hexachlorobenzene)	whole	0.01	not set	30	–	0
HCH (BHC)	whole	0.01	not set	30	–	0
heptachlor	whole	0.01	0.05	30	0	0
lindane (gamma-HCH)	whole	0.01	2	30	0	0
mirex	whole	0.01	not set	30	–	0

Table 5 Physiological modifier

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
trinexapac-ethyl	whole	0.01	not set	20	–	0