Lupin Meal residue testing annual datasets 2021–22

National Residue Survey, Department of Agriculture Fisheries and Forestry

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	0.3	2	0	0
benalaxyl	Whole	0.01	not set	2	–	–
bitertanol	Whole	0.01	not set	2	–	–
bixafen	Whole	0.01	0.1	2	0	0
boscalid	Whole	0.01	3	2	0	0
bupirimate	Whole	0.01	not set	2	–	–
captafol	Whole	0.02	not set	2	–	–
captan	Whole	0.01	not set	2	–	–
carbendazim	Whole	0.01	0.5	2	0	0
carboxin	Whole	0.01	not set	2	–	–
chlorothalonil	Whole	0.01	3	2	0	–
cyproconazole	Whole	0.01	0.05	2	0	0
cyprodinil	Whole	0.01	not set	2	–	–

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
difenoconazole	Whole	0.01	not set	2	–	–
dimethomorph (sum of E and Z isomers)	Whole	0.01	not set	2	–	0
dithianon	Whole	0.01	not set	2	–	–
dodine	Whole	0.01	not set	2	–	–
epoxiconazole	Whole	0.01	not set	2	–	–
etridiazole	Whole	0.01	not set	2	–	–
fenarimol	Whole	0.01	not set	2	–	–
fenbuconazole	Whole	0.01	not set	2	–	–
fenhexamid	Whole	0.01	not set	2	–	–
fluazinam	Whole	0.01	not set	2	–	–
fludioxonil	Whole	0.01	0.1	2	0	0
fluquinconazole	Whole	0.01	not set	2	–	–
flusilazole	Whole	0.01	not set	2	–	–
flutriafol	Whole	0.01	0.05	2	0	0
fluxapyroxad	Whole	0.01	0.1	2	0	0
hexaconazole	Whole	0.01	not set	2	–	–
imazalil	Whole	0.01	not set	2	–	–
ipconazole	Whole	0.01	not set	2	–	–
iprodione	Whole	0.01	0.1	2	0	0
isoprothiolane	Whole	0.01	not set	2	–	–
kresoxim-methyl	Whole	0.01	not set	2	–	–
metalaxyl	Whole	0.01	0.1	2	0	0
myclobutanil	Whole	0.01	not set	2	–	–
oxadixyl	Whole	0.01	not set	2	–	–
penconazole	Whole	0.01	not set	2	–	–
penflufen	Whole	0.01	0.01	2	0	0
prochloraz	Whole	0.01	not set	2	–	0
procymidone	Whole	0.01	0.01	2	0	0
propiconazole	Whole	0.01	0.3	2	0	0
prothioconazole	Whole	0.01	0.1	2	0	0
pyraclostrobin	Whole	0.01	not set	2	–	–
pyrimethanil	Whole	0.01	not set	2	–	–
quinoxyfen	Whole	0.01	not set	2	–	–
sedaxane	Whole	0.01	not set	2	–	–
spiroxamine	Whole	0.01	not set	2	–	–
tebuconazole	Whole	0.01	1	2	0	0
thiabendazole	Whole	0.01	not set	2	–	–
tolclofos methyl	Whole	0.01	not set	2	–	–
triadimefon	Whole	0.01	not set	2	–	–

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
triadimenol	Whole	0.01	not set	2	–	–
trifloxystrobin	Whole	0.01	not set	2	–	–
triticonazole	Whole	0.01	not set	2	–	–
vinclozolin	Whole	0.01	not set	2	–	–

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	0.1	2	0	0
2,4-D	Whole	0.01	0.05	2	0	0
2,4-DB	Whole	0.01	not set	2	–	–
aminopyralid	Whole	0.01	not set	2	–	–
acifluorfen	Whole	0.01	0.1	2	0	0
atrazine	Whole	0.01	not set	2	–	–
bentazone	Whole	0.01	0.01	2	0	0
bromacil	Whole	0.01	not set	2	–	–
bromoxynil	Whole	0.01	not set	2	–	–
butroxydim	Whole	0.01	0.01	2	0	0
carfentrazone-ethyl	Whole	0.01	not set	2	–	–
chlorpropham	Whole	0.01	not set	2	–	–
chlorsulfuron	Whole	0.01	not set	2	–	–
chlorthal-dimethyl	Whole	0.01	5	2	0	0
clethodim	Whole	0.01	0.2	2	0	0
clodinafop-propargyl	Whole	0.01	not set	2	–	–
clopyralid	Whole	0.01	not set	2	–	–
cyanazine	Whole	0.01	0.01	2	0	0
dicamba	Whole	0.01	not set	2	–	–
dichlobenil	Whole	0.01	not set	2	–	–
diflufenican	Whole	0.01	0.05	2	0	0
diuron	Whole	0.01	0.05	2	0	0
ethofumesate	Whole	0.01	not set	2	–	–
EPTC	Whole	0.01	0.04	2	0	0
fenoxaprop-ethyl	Whole	0.01	not set	2	–	–
flumetsulam	Whole	0.01	0.05	2	0	0
flumioxazin	Whole	0.01	0.1	2	0	0
fluroxypyr	Whole	0.01	not set	2	–	–
iodosulfuron-methyl	Whole	0.01	not set	2	–	–
ioxynil	Whole	0.01	not set	2	–	–
isoxaben	Whole	0.01	not set	2	–	–

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
linuron	Whole	0.01	0.05	2	0	0
MCPA	Whole	0.01	not set	2	–	–
MCPB	Whole	0.01	0.02	2	0	–
methabenzthiazuron	Whole	0.01	not set	2	–	–
metazachlor	Whole	0.01	0.03	2	0	–
metolachlor	Whole	0.01	0.01	2	0	0
metosulam	Whole	0.01	0.02	2	0	0
metribuzin	Whole	0.01	0.01	2	0	0
metsulfuron-methyl	Whole	0.01	not set	2	–	–
napropamide	Whole	0.01	not set	2	–	–
norflurazon	Whole	0.01	not set	2	–	–
oryzalin	Whole	0.01	not set	2	–	–
oxyfluorfen	Whole	0.01	not set	2	–	–
pendimethalin	Whole	0.01	0.05	2	0	0
picloram	Whole	0.01	not set	2	–	–
picolinafen	Whole	0.01	0.02	2	0	0
propachlor	Whole	0.01	not set	2	–	0
propyzamide	Whole	0.01	0.01	2	0	0
prometryn	Whole	0.01	0.1	2	0	0
propyzamide	Whole	0.01	0.01	2	0	0
prosulfocarb	Whole	0.01	0.01	2	0	0
pyraflufen-ethyl	Whole	0.01	0.02	2	0	0
pyroxasulfone	Whole	0.01	0.01	2	0	0
saflufenacil	Whole	0.01	0.2	2	0	0
sethoxydim	Whole	0.01	0.2	2	0	0
simazine	Whole	0.01	0.05	2	0	0
terbuthylazine	Whole	0.01	0.02	2	0	0
terbutryn	Whole	0.01	not set	2	–	0
tralkoxydim	Whole	0.01	not set	2	–	0
triallate	Whole	0.01	0.1	2	0	0
triasulfuron	Whole	0.01	not set	2	–	0
triclopyr	Whole	0.01	not set	2	–	0
trifluralin	Whole	0.01	0.05	2	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	2	–	–
acephate	Whole	0.01	not set	2	–	–

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
acetamiprid	Whole	0.01	not set	2	–	–
aldicarb	Whole	0.01	not set	2	–	–
amitraz	Whole	0.01	not set	2	–	–
azamethiphos	Whole	0.01	not set	2	–	–
azinphos-methyl	Whole	0.01	not set	2	–	–
bifenazate	Whole	0.01	not set	2	–	–
bifenthrin	Whole	0.01	0.02	2	0	0
bioresmethrin	Whole	0.01	not set	2	–	–
buprofezin	Whole	0.01	0.01	2	0	0
cadusafos	Whole	0.01	not set	2	–	–
carbaryl	Whole	0.01	0.1	2	0	0
carbofuran	Whole	0.01	not set	2	–	–
chlorantraniliprole	Whole	0.01	0.07	2	0	0
chlorfenapyr	Whole	0.01	not set	2	–	–
chlorfenvinphos	Whole	0.01	not set	2	–	–
chlorpyrifos	Whole	0.01	0.01	2	0	0
chlorpyrifos-methyl	Whole	0.01	10	2	0	0
clofentezine	Whole	0.01	not set	2	–	0
clothianidin	Whole	0.01	0.1	2	0	0
cyantraniliprole	Whole	0.01	0.05	2	0	0
cyfluthrin	Whole	0.01	not set	2	–	0
cyhalothrin	Whole	0.01	0.2	2	0	0
cypermethrin	Whole	0.01	0.01	2	0	0
deltamethrin	Whole	0.01	0.1	2	0	0
diafenthiuron	Whole	0.01	not set	2	–	0
diazinon	Whole	0.01	0.7	2	0	0
dichlorvos	Whole	0.01	0.01	2	0	0
dicofol	Whole	0.01	5	2	0	0
diflubenzuron	Whole	0.01	not set	2	–	0
dimethoate	Whole	0.01	0.7	2	0	0
disulfoton	Whole	0.01	not set	2	–	0
emamectin	Whole	0.01	0.01	2	0	0
esfenvalerate	Whole	0.01	0.5	2	0	0
ethion	Whole	0.01	not set	2	–	0
ethoprophos	Whole	0.005	not set	2	–	0
etoxazole	Whole	0.01	not set	2	–	0
fenamiphos	Whole	0.01	not set	2	–	0
fenbutatin oxide	Whole	0.01	not set	2	–	0
fenitrothion	Whole	0.01	0.1	2	0	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
fenoxycarb	Whole	0.01	not set	2	–	0
fenpyroximate	Whole	0.01	not set	2	–	0
fenthion	Whole	0.01	not set	2	–	0
fenvalerate	Whole	0.01	0.5	2	0	0
fipronil	Whole	0.002	not set	2	–	0
hexythiazox	Whole	0.01	not set	2	–	0
imidacloprid	Whole	0.01	0.2	2	0	0
indoxacarb	Whole	0.01	0.2	2	0	0
malathion (maldison)	Whole	0.01	2	2	0	0
methacrifos	Whole	0.01	not set	2	–	0
methamidophos	Whole	0.01	not set	2	–	0
methidathion	Whole	0.01	not set	2	–	0
methiocarb	Whole	0.01	0.1	2	0	0
methomyl	Whole	0.01	1	2	0	0
methoprene	Whole	0.01	not set	2	–	0
methoxychlor	Whole	0.01	not set	2	–	0
methoxyfenozide	Whole	0.01	not set	2	–	0
mevinphos	Whole	0.01	not set	2	–	0
monocrotophos	Whole	0.01	not set	2	–	0
omethoate	Whole	0.01	0.1	2	0	0
parathion	Whole	0.01	not set	2	–	–
parathion-methyl	Whole	0.01	not set	2	–	–
permethrin	Whole	0.01	not set	2	–	–
phenothrin	Whole	0.01	not set	2	–	–
phorate	Whole	0.01	not set	2	–	–
phosmet	Whole	0.01	not set	2	–	–
piperonyl butoxide	Whole	0.01	8	2	0	0
pirimicarb	Whole	0.01	0.02	2	0	0
pirimiphos-methyl	Whole	0.01	not set	2	–	–
profenofos	Whole	0.01	not set	2	–	–
propargite	Whole	0.01	3	2	0	0
prothiofos	Whole	0.01	not set	2	–	–
pymetrozine	Whole	0.01	0.02	2	0	0
pyrethrins	Whole	0.01	1	2	0	0
pyriproxyfen	Whole	0.01	not set	2	–	–
spinetoram	Whole	0.01	0.01	2	0	0
spinosad	Whole	0.01	0.01	2	0	0
spirotetramat	Whole	0.01	not set	2	–	0
sulfoxaflor	Whole	0.01	not set	2	–	0

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