



## Maize (flour) Annual Report 2013 - 2014

Table 1 Fungicides

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
azoxystrobin	Whole	0.01	0.01	2	0	0
captafol	Whole	0.01	Not Set	2	0	0
captan	Whole	0.01	Not Set	2	0	0
carbendazim	Whole	0.01	Not Set	2	0	0
chlorothalonil	Whole	0.01	Not Set	2	0	0
cyproconazole	Whole	0.01	Not Set	2	0	0
difenoconazole	Whole	0.01	Not Set	2	0	0
epoxiconazole	Whole	0.01	0.05	2	0	0
etridiazole	Whole	0.01	Not Set	2	0	0
fluquinconazole	Whole	0.01	Not Set	2	0	0
flutriafol	Whole	0.01	0.02	2	0	0
fluxapyroxad	Whole	0.01	Not Set	2	0	0
hexaconazole	Whole	0.01	Not Set	2	0	0
imazaquin	Whole	0.01	Not Set	1	0	0
ipconazole	Whole	0.01	0.01	1	0	0
iprodione	Whole	0.01	Not Set	2	0	0
penconazole	Whole	0.01	Not Set	2	0	0
procymidone	Whole	0.01	Not Set	2	0	0
propiconazole	Whole	0.01	0.05	2	0	0
prothioconazole	Whole	0.01	0.3	2	0	0
pyraclostrobin	Whole	0.01	0.01	2	0	0
tebuconazole	Whole	0.01	0.2	2	0	0
thiabendazole	Whole	0.01	Not Set	2	0	0
triadimefon	Whole	0.01	0.5	2	0	0
triadimenol	Whole	0.01	0.01	2	0	0
triticonazole	Whole	0.01	0.05	2	0	0

Table 2 Herbicides

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
2,4-D	Whole	0.01	0.2	2	0	0
atrazine	Whole	0.01	0.1	2	0	0
bromoxnil	Whole	0.01	0.2	2	0	0
carfentrazone-ethyl	Whole	0.01	0.05	2	0	0

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
chlorsulfuron	Whole	0.01	0.05	2	0	0
clethodim (parent only)	Whole	0.01	Not Set	2	0	0
clodinafop-propargyl	Whole	0.01	Not Set	2	0	0
clopyralid	Whole	0.01	2	2	0	0
dicamba	Whole	0.01	0.05	2	0	0
diflufenican	Whole	0.01	Not Set	2	0	0
diuron	Whole	0.01	0.1	2	0	0
imazamox	Whole	0.01	Not Set	1	0	0
imazapic	Whole	0.01	Not Set	1	0	0
imazapyr	Whole	0.01	Not Set	1	0	0
imazethapyr	Whole	0.01	Not Set	1	0	0
iodosulfuron-methyl	Whole	0.01	Not Set	2	0	0
MCPA	Whole	0.01	0.02	2	0	0
metolachlor	Whole	0.01	0.1	2	0	0
metosulam	Whole	0.01	0.02	2	0	0
metsulfuron-methyl	Whole	0.01	0.02	2	0	0
pendimethalin	Whole	0.01	0.05	2	0	0
picloram	Whole	0.01	0.2	2	0	0
sethoxydim	Whole	0.01	Not Set	2	0	0
simazine	Whole	0.01	Not Set	2	0	0
tralkoxydim	Whole	0.01	0.02	2	0	0
triasulfuron	Whole	0.01	0.02	2	0	0
triclopyr	Whole	0.01	Not Set	2	0	0
trifluralin	Whole	0.01	0.05	2	0	0

**Table 3 Insecticides - Acaracides**

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
diafenthiuron	Whole	0.01	Not Set	1	0	0

**Table 4 Insecticides - Benzoyl Urea**

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
diflubenzuron	Whole	0.01	2	2	0	0
triflumuron	Whole	0.01	0.05	2	0	0

**Table 5 Insecticides - Carbamates**

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
carbaryl	Whole	0.01	5	2	0	0
methomyl	Whole	0.01	0.1	2	0	0
pirimicarb	Whole	0.01	0.02	2	0	0
thiodicarb	Whole	0.01	0.1	2	0	0

**Table 6 Insecticides - Insect growth regulator**

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
methoprene	Whole	0.01	2	2	0	0
pyriproxyfen	Whole	0.01	Not Set	2	0	0

**Table 7 Insecticides - Organophosphates**

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
azamethiphos	Whole	0.01	0.1	2	0	0
chlorfenvinphos (sum E and Z isomers)	Whole	0.01	Not Set	2	0	0
chlorpyrifos	Whole	0.01	0.1	2	0	0
chlorpyrifos-methyl	Whole	0.01	10	2	0	0
diazinon	Whole	0.01	0.1	2	0	0
dichlorvos	Whole	0.01	5	2	0	0
dimethoate	Whole	0.01	0.05	2	0	0
ethion	Whole	0.01	Not Set	1	0	0
ethoprophos	Whole	0.005	0.005	2	0	0
fenitrothion	Whole	0.01	10	2	0	0
malathion (maldison)	Whole	0.01	8	2	0	0
methacrifos	Whole	0.01	Not Set	2	0	0
methidathion	Whole	0.01	0.01	2	0	0
omethoate	Whole	0.01	0.05	2	0	0
phosmet	Whole	0.01	0.05	2	0	0
pirimiphos-methyl	Whole	0.01	7	2	0	0
profenofos	Whole	0.01	Not Set	2	0	0
terbufos	Whole	0.01	0.01	2	0	0
trichlorfon	Whole	0.01	0.1	2	0	0

**Table 8 Insecticides - Pyrethroid**

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
bifenthrin	Whole	0.01	0.02	2	0	0

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
bioresmethrin	Whole	0.01	Not Set	2	0	0
cyfluthrin (sum of isomers)	Whole	0.01	2	2	0	0
cyhalothrin (sum of isomers)	Whole	0.01	0.01	2	0	0
cypermethrin (sum of isomers)	Whole	0.01	1	2	0	0
deltamethrin	Whole	0.01	2	2	0	0
esfenvalerate	Whole	0.01	Not Set	1	0	0
fenvalerate (sum of isomers)	Whole	0.01	2	2	0	0
permethrin (sum of isomers)	Whole	0.01	2	2	0	0
phenothrin (sum of isomers)	Whole	0.01	Not Set	2	0	0

**Table 9 Insecticides - Other**

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
acetamiprid-P	Whole	0.01	Not Set	2	0	0
amitraz	Whole	0.01	Not Set	2	0	0
chlorfenapyr	Whole	0.01	Not Set	1	0	0
emamectin	Whole	0.002	Not Set	2	0	0
fipronil	Whole	0.005	Not Set	2	0	0
imidacloprid	Whole	0.01	0.05	2	0	0
indoxacarb	Whole	0.01	Not Set	2	0	0
piperonyl butoxide	Whole	0.01	20	2	0	0
spinosad	Whole	0.01	1	2	0	0

**Table 10 Contaminant - Organochlorine**

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
aldrin and dieldrin (HHDN+HEOD)	Whole	0.01	0.02	2	0	0
chlordane	Whole	0.01	0.02	2	0	0
DDT	Whole	0.01	0.1	2	0	0
dicofol	Whole	0.01	Not Set	1	0	0
endosulfan	Whole	0.01	Not Set	2	0	0
endrin	Whole	0.01	Not Set	2	0	0
HCB (hexachlorobenzene)	Whole	0.01	0.05	2	0	0
HCH (or BHC)	Whole	0.01	0.1	2	0	0
heptachlor	Whole	0.01	0.02	2	0	0
lindane (gamma-HCH)	Whole	0.01	0.5	2	0	0
methoxychlor	Whole	0.01	Not Set	2	0	0
mirex	Whole	0.01	Not Set	2	0	0

LOR = Limit of reporting

Aust. Std = Australian Standard

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.

No Limit - No Australian Standard applicable for the contaminant. The 'as low as reasonably achievable' principle applies. Detections at low levels are allowable.

*Disclaimer: Although the Australian Government has exercised due care and skill in the preparation and compilation of this publication, it does not warrant its accuracy, completeness, currency or suitability for any purpose. To the maximum extent permitted by law, the Australian Government disclaims all liability including liability in negligence for any loss, damage, cost or expense incurred by persons as a result of accessing, using or relying upon any of the information or data set out in this publication. Before relying on the material in any matters, users should carefully evaluate its accuracy, currency, completeness and relevance for the purposes intended, and should obtain any appropriate professional advice relevant to their particular circumstances.*