



## Wheat (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	0.02	138	0	0
captafol	Whole	0.01	Not Set	138	0	0
captan	Whole	0.01	Not Set	138	0	0
carbendazim	Whole	0.01	Not Set	138	0	0
chlorothalonil	Whole	0.01	Not Set	138	0	0
cyproconazole	Whole	0.01	0.02	138	0	0
difenoconazole	Whole	0.01	0.01	138	0	0
epoxiconazole	Whole	0.01	0.05	138	0	0
etridiazole	Whole	0.01	Not Set	138	0	0
fluquinconazole	Whole	0.01	0.02	138	0	0
flutriafol	Whole	0.01	0.02	138	0	0
fluxapyroxad	Whole	0.01	Not Set	138	0	0
hexaconazole	Whole	0.01	Not Set	138	0	0
imazaquin	Whole	0.01	Not Set	44	0	0
ipconazole	Whole	0.01	0.01	44	0	0
iprodione	Whole	0.01	Not Set	138	0	0
penconazole	Whole	0.01	Not Set	138	0	0
procymidone	Whole	0.01	Not Set	138	0	0
propiconazole	Whole	0.01	0.05	138	0	0
prothioconazole	Whole	0.01	0.3	138	0	0
pyraclostrobin	Whole	0.01	0.01	138	0	0
tebuconazole	Whole	0.01	0.2	138	0	0
thiabendazole	Whole	0.01	Not Set	138	0	0
triadimefon	Whole	0.01	0.5	138	0	0
triadimenol	Whole	0.01	0.01	138	0	0
triticonazole	Whole	0.01	0.05	138	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	138	0	0
atrazine	Whole	0.01	Not Set	138	0	0
bromoxynil	Whole	0.01	0.2	138	0	0

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
carfentrazone-ethyl	Whole	0.01	0.05	138	0	0
chlorsulfuron	Whole	0.01	0.05	138	0	0
clethodim (parent only)	Whole	0.01	0.1	138	0	0
clodinafop-propargyl	Whole	0.01	0.05	138	0	0
clopyralid	Whole	0.01	2	138	0	0
dicamba	Whole	0.01	0.05	138	0	0
diflufenican	Whole	0.01	0.02	138	0	0
diuron	Whole	0.01	0.1	138	0	0
imazamox	Whole	0.01	Not Set	44	0	0
imazapic	Whole	0.01	Not Set	44	0	0
imazapyr	Whole	0.01	Not Set	44	0	0
imazethapyr	Whole	0.01	Not Set	44	0	0
iodosulfuron-methyl	Whole	0.01	0.01	138	0	0
MCPA	Whole	0.01	0.02	138	0	0
metolachlor	Whole	0.01	0.02	138	0	0
metosulam	Whole	0.01	0.02	138	0	0
metsulfuron-methyl	Whole	0.01	0.02	138	0	0
pendimethalin	Whole	0.01	0.05	138	0	0
picloram	Whole	0.01	0.2	138	0	0
sethoxydim	Whole	0.01	0.1	138	0	0
simazine	Whole	0.01	Not Set	138	0	0
tralkoxydim	Whole	0.01	0.02	138	0	0
triasulfuron	Whole	0.01	0.02	138	0	0
triclopyr	Whole	0.01	Not Set	138	0	0
trifluralin	Whole	0.01	0.05	138	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	44	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	138	0	0
triflumuron	Whole	0.01	0.05	138	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	138	0	0
methomyl	Whole	0.01	0.1	138	0	0
pirimicarb	Whole	0.01	0.02	138	0	0
thiodicarb	Whole	0.01	Not Set	138	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	138	0	0
pyriproxyfen	Whole	0.01	Not Set	138	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	138	0	0
chlorfenvinphos (sum E and Z isomers)	Whole	0.01	0.05	138	0	0
chlorpyrifos	Whole	0.01	0.1	138	0	0
chlorpyrifos-methyl	Whole	0.01	10	138	0	0
diazinon	Whole	0.01	0.1	138	0	0
dichlorvos	Whole	0.01	5	138	0	0
dimethoate	Whole	0.01	0.05	138	0	0
ethion	Whole	0.01	Not Set	44	0	0
ethoprophos	Whole	0.005	0.005	138	0	0
fenitrothion	Whole	0.01	10	138	0	0
malathion (maldison)	Whole	0.01	8	138	0	0
methacrifos	Whole	0.01	Not Set	138	0	0
methidathion	Whole	0.01	0.01	138	0	0
omethoate	Whole	0.01	0.05	138	0	0
phosmet	Whole	0.01	0.05	138	0	0
pirimiphos-methyl	Whole	0.01	10	138	0	0
profenofos	Whole	0.01	Not Set	138	0	0
terbufos	Whole	0.01	0.01	138	0	0
trichlorfon	Whole	0.01	0.1	138	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	138	0	0
bioresmethrin	Whole	0.01	Not Set	138	0	0
cyfluthrin (sum of isomers)	Whole	0.01	2	138	0	0
cyhalothrin (sum of isomers)	Whole	0.01	0.05	138	0	0
cypermethrin (sum of isomers)	Whole	0.01	0.2	138	0	0
deltamethrin	Whole	0.01	2	138	0	0
esfenvalerate	Whole	0.01	Not Set	52	0	0
fenvalerate (sum of isomers)	Whole	0.01	2	138	0	0
permethrin (sum of isomers)	Whole	0.01	2	138	0	0
phenothrin (sum of isomers)	Whole	0.01	2	138	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	138	0	0
amitraz	Whole	0.01	Not Set	138	0	0
chlorfenapyr	Whole	0.01	Not Set	44	0	0
emamectin	Whole	0.002	Not Set	138	0	0
fipronil	Whole	0.005	Not Set	138	0	0
imidacloprid	Whole	0.01	0.05	138	0	0
indoxacarb	Whole	0.01	Not Set	138	0	0
piperonyl butoxide	Whole	0.01	20	138	0	0
spinosad	Whole	0.01	1	138	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	138	0	0
chlordane	Whole	0.01	0.02	138	0	0
DDT	Whole	0.01	0.1	138	0	0
dicofol	Whole	0.01	Not Set	44	0	0
endosulfan	Whole	0.01	Not Set	138	0	0
endrin	Whole	0.01	Not Set	138	0	0
HCB (hexachlorobenzene)	Whole	0.01	0.05	138	0	0
HCH (or BHC)	Whole	0.01	0.1	138	0	0
heptachlor	Whole	0.01	0.02	138	0	0

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
lindane (gamma-HCH)	Whole	0.01	0.5	138	0	0
methoxychlor	Whole	0.01	Not Set	138	0	0
mirex	Whole	0.01	Not Set	138	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.*