



**Expert Committee on  
Pesticide Residues in Food**

*Lettuce*

**Pesticide Residues Monitoring Report 2015**

## This is an amalgamation of the quarterly reports

### Introduction

We have surveyed lettuce every year since 1990s when residues of unapproved pesticides were detected in the UK grown lettuces. This issue was subsequently resolved, we continue to monitor lettuces as a large number of pesticides are used on the crop. This survey covers both UK grown and imported lettuces.

We sampled and reported lettuce in every quarter of 2015.

A market research company bought the lettuce samples from retail outlets across the UK.

### Conclusions

#### Summary statement

None of the residues detected by the laboratory would be expected to have an effect on health.

### Results

#### When samples were taken

Between January and December 2015

#### Number of samples

72 samples were tested for up to 347 pesticide residues

#### Origin of samples

##### Cos

- 1 sample came from the UK

##### Gem Hearts

- 1 sample came from the UK

##### Iceberg

- 13 samples came from the UK
- 22 samples came from the EU

##### Lettuce

- 5 samples came from the UK

##### Little Gem

- 10 samples came from the UK
- 9 samples came from the EU

##### Romaine

- 4 samples came from the UK
- 1 sample came from the EU

##### Round

- 6 samples came from the UK

#### Residues found

27 samples contained no residues from those sought

45 samples contained residues above the reporting level

None of the samples contained residues above the MRL

4 samples were labelled as organic. None contained residues from those sought

#### Multiple residues

21 samples contained residues of more than one pesticide

- 8 samples contained 2 residues
- 3 samples contained 3 residues
- 4 samples contained 5 residues
- 1 sample contained 6 residues
- 3 samples contained 7 residues
- 1 sample contained 9 residues
- 1 sample contained 10 residues

### Risk assessments

#### Number of risk assessments

The laboratory detected 23 different pesticide residues. Following the Chemicals Regulation Directorate (CRD)'s risk assessment, we do not expect these residues to have an effect on health.

**Combined risk assessments**

Some samples contained residues of more than one pesticide. When samples contain more than one pesticide belonging to the groups that CRD usually assess, where toxicologists expect these to add to each other's effect (have the same toxicological mode of action), CRD carry out a risk assessment of the combined residues.

In this case CRD did not carry out any risk assessments of combined residues because the laboratory did not find residues belonging to these groups with similar toxicological modes of action in any samples.

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**Table a. Residues detected in retail samples of LETTUCE purchased between January and December 2015**

Commodity/Pesticide	Concentration range (mg/kg)	Number of samples in range
<b>COS UK: 1 sample analysed</b>		
spirotetramat (sum) (MRL = 7)	<0.01 (i.e. not found) 0.01	0 1
<b>GEM HEARTS UK: 1 sample analysed</b>		
thiamethoxam (sum) (MRL = 5)	<0.01 (i.e. not found) 0.01	0 1
<b>ICEBERG UK: 13 samples analysed</b>		
None found	-	13
<b>LETTUCE UK: 5 samples analysed</b>		
azoxystrobin (MRL = 15)	<0.01 (i.e. not found) 0.05	4 1
boscalid (MRL = 30)	<0.01 (i.e. not found) 0.01 - 0.9	2 3
cyprodinil (MRL = 15)	<0.05 (i.e. not found) 0.9	4 1
fludioxonil (MRL = 10)	<0.01 (i.e. not found) 0.6	4 1
mandipropamid (MRL = 25)	<0.01 (i.e. not found) 0.3	4 1
propamocarb (MRL = 40)	<0.01 (i.e. not found) 0.1	4 1
propyzamide (MRL = 1)	<0.01 (i.e. not found) 0.06	4 1
pyraclostrobin (MRL = 2)	<0.01 (i.e. not found) 0.06, 0.1	3 2
spirotetramat (sum) (MRL = 7)	<0.01 (i.e. not found) 0.1, 0.2	1 2
<b>LITTLE GEM UK: 10 samples analysed</b>		
acetamiprid (MRL = 3)	<0.01 (i.e. not found) 0.02, 0.04	8 2
mandipropamid (MRL = 25)	<0.01 (i.e. not found) 0.01, 0.2	8 2
propamocarb (MRL = 40)	<0.01 (i.e. not found) 0.01	9 1
propyzamide (MRL = 0.6)	<0.01 (i.e. not found) 0.03	9 1
spirotetramat (sum) (MRL = 7)	<0.01 (i.e. not found) 0.01	7 1

Commodity/Pesticide	Concentration range (mg/kg)	Number of samples in range
thiamethoxam (sum)	<0.01 (i.e. not found)	9
(MRL = 5)	0.01	1
<b>ROMAINE UK: 4 samples analysed</b>		
boscalid	<0.01 (i.e. not found)	3
(MRL = 30)	0.03	1
propamocarb	<0.01 (i.e. not found)	3
(MRL = 40)	0.06	1
<b>ROUND UK: 6 samples analysed</b>		
azoxystrobin	<0.01 (i.e. not found)	5
(MRL = 15)	0.01	1
boscalid	<0.01 (i.e. not found)	4
(MRL = 30)	0.3, 0.5	2
cyprodinil	<0.05 (i.e. not found)	3
(MRL = 15)	0.3 - 1.7	3
dimethomorph	<0.01 (i.e. not found)	5
(MRL = 15)	0.01	1
fenhexamid	<0.05 (i.e. not found)	5
(MRL = 40)	0.2	1
fludioxonil	<0.01 (i.e. not found)	3
(MRL = 40)	0.4 - 1.4	3
indoxacarb	<0.01 (i.e. not found)	5
(MRL = 3)	0.5	1
mandipropamid	<0.01 (i.e. not found)	4
(MRL = 25)	0.01, 1.6	2
propyzamide	<0.01 (i.e. not found)	4
(MRL = 0.6)	0.02, 0.03	2
pymetrozine	<0.01 (i.e. not found)	5
(MRL = 3)	0.4	1
pyraclostrobin	<0.01 (i.e. not found)	4
(MRL = 2)	0.03, 0.04	2
spirotetramat (sum)	<0.01 (i.e. not found)	1
(MRL = 7)	0.01 - 0.9	3
thiamethoxam (sum)	<0.01 (i.e. not found)	5
(MRL = 5)	0.02	1
<b>ICEBERG Imported (EC): 22 samples analysed</b>		
acetamiprid	<0.01 (i.e. not found)	21
(MRL = 3)	0.02	1
azoxystrobin	<0.01 (i.e. not found)	21
(MRL = 15)	0.03	1
boscalid	<0.01 (i.e. not found)	20
(MRL = 30)	0.02, 0.06	2
chlorantraniliprole	<0.01 (i.e. not found)	20
(MRL = 20)	0.01, 0.02	2

Commodity/Pesticide	Concentration range (mg/kg)	Number of samples in range
cyprodinil (MRL = 15)	<0.05 (i.e. not found) 0.05, 0.08	20 2
difenoconazole (MRL = 3)	<0.01 (i.e. not found) 0.03	21 1
dithiocarbamates (MRL = 5)	<0.05 (i.e. not found) 0.08	21 1
fludioxonil (MRL = 15) (MRL = 40)	<0.01 (i.e. not found) 0.01, 0.02 0.02, 0.04	18 2 2
folpet (MRL = 2)	<0.01 (i.e. not found) 0.02	20 2
imidacloprid (MRL = 2)	<0.01 (i.e. not found) 0.02 - 0.2	9 13
metalaxyl (MRL = 3)	<0.01 (i.e. not found) 0.01 - 0.2	16 6
methomyl (sum) (MRL = 0.05)	<0.01 (i.e. not found) 0.03	21 1
propamocarb (MRL = 40) (MRL = 40)	<0.01 (i.e. not found) 0.02 0.02, 0.03	19 1 2
propyzamide (MRL = 1)	<0.01 (i.e. not found) 0.05	21 1
pyraclostrobin (MRL = 2)	<0.01 (i.e. not found) 0.01	21 1
spirotetramat (sum) (MRL = 7)	<0.01 (i.e. not found) 0.02	7 1
thiamethoxam (sum) (MRL = 5)	<0.01 (i.e. not found) 0.01, 0.02	20 2

**LITTLE GEM Imported (EC): 9 samples analysed**

acetamiprid (MRL = 3)	<0.01 (i.e. not found) 0.06	8 1
azoxystrobin (MRL = 15)	<0.01 (i.e. not found) 0.01	8 1
boscalid (MRL = 30)	<0.01 (i.e. not found) 0.02, 0.03	7 2
difenoconazole (MRL = 3)	<0.01 (i.e. not found) 0.02	8 1
dimethomorph (MRL = 15)	<0.01 (i.e. not found) 0.02, 0.3	7 2
dithiocarbamates (MRL = 5)	<0.05 (i.e. not found) 0.2	8 1
fenhexamid (MRL = 40)	<0.05 (i.e. not found) 0.4	8 1

Commodity/Pesticide	Concentration range (mg/kg)	Number of samples in range
fluopicolide (MRL = 9)	<0.01 (i.e. not found) 0.05	8 1
imidacloprid (MRL = 2)	<0.01 (i.e. not found) 0.02 - 0.2	2 7
metalaxyl (MRL = 3)	<0.01 (i.e. not found) 0.03	8 1
propamocarb (MRL = 40)	<0.01 (i.e. not found) 0.06, 0.4	7 2
pyraclostrobin (MRL = 2)	<0.01 (i.e. not found) 0.01, 0.1	7 2
thiamethoxam (sum) (MRL = 5)	<0.01 (i.e. not found) 0.01	8 1
<b>ROMAINE Imported (EC): 1 sample analysed</b>		
None found	-	1

Imported (EC) samples of lettuce were from Spain (31), the Netherlands (1).  
UK samples of lettuce (40).

Residues were distributed by country of origin, as follows:

acetamiprid	Spain (2), UK (2)
azoxystrobin	Spain (2), UK (2)
boscalid	Spain (4), UK (6)
chlorantraniliprole	Spain (2)
cyprodinil	Spain (2), UK (4)
difenoconazole	Spain (2)
dimethomorph	Spain (2), UK (1)
dithiocarbamates	Spain (2)
fludioxonil	Spain (4), UK (4)
fenhexamid	Spain (1), UK (1)
fluopicolide	Spain (1)
folpet	Spain (2)
indoxacarb	UK (1)
imidacloprid	Spain (20)
mandipropamid	UK (5)
methomyl (sum)	Spain (1)
metalaxyl	Spain (7)
propamocarb	Spain (5), UK (3)
propyzamide	Spain (1), UK (4)
pyraclostrobin	Spain (3), UK (4)
pymetrozine	UK (1)
spirotetramat (sum)	the Netherlands (1), UK (7)
thiamethoxam (sum)	Spain (3), UK (3)

Residues were found in all of the 1 UK cos samples

Residues were found in all of the 1 UK gem hearts samples

No residues were found in any of the UK iceberg samples

No residues were found in 1 of the 5 UK lettuce samples

No residues were found in 5 of the 10 UK little gem samples

No residues were found in 3 of the 4 UK romaine samples

No residues were found in 2 of the 6 UK round samples

No residues were found in 1 of the 22 Imported (EC) iceberg samples

No residues were found in 1 of the 9 Imported (EC) little gem samples

No residues were found in any of the Imported (EC) romaine samples





Number of residues	Sample ID	Type Of Lettuce	Residues found (mg/kg)																							Country of origin
			ACET	AZOX	BOS	CTP	CYD	DIFC	DMR	DTC	FLUD	FNHX	FPC	FPET	IDX	IMI	MDI	METHS	MTX	PCB	PPZ	PYC	PYMT	STTPS	THMSM	
(3)	2252/2015	Lettuce	-	-	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06	-	0.1	-	UK	
	3104/2015	Little Gem	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	-	-	-	0.01	UK	
	2652/2015	Little Gem	0.06	-	-	-	-	-	-	-	-	-	-	-	0.09	-	-	-	-	-	-	-	-	0.01	Spain	
(5)	1935/2015	Round	-	0.01	-	-	1.7	-	-	-	0.9	-	-	-	-	0.01	-	-	-	-	-	-	0.07	-	UK	
	0610/2015	Iceberg	-	-	-	0.01	0.08	-	-	0.04	-	-	-	-	-	-	0.03	0.2	-	-	-	-	-	-	Spain	
	2583/2015	Little Gem	-	-	0.02	-	-	-	0.02	-	-	-	-	-	0.2	-	-	-	0.06	-	0.01	-	-	-	Spain	
	2590/2015	Iceberg	-	-	0.06	-	-	-	-	-	-	-	-	-	0.09	-	-	0.07	0.03	-	0.01	-	-	-	Spain	
(6)	0177/2015	Iceberg	-	0.03	-	-	-	0.03	-	-	-	-	0.02	-	0.03	-	-	0.02	-	0.05	-	-	-	-	Spain	
(7)	1931/2015	Round	-	-	0.5	-	0.3	-	-	0.4	-	-	-	-	-	-	-	-	-	0.03	0.03	0.4	0.01	-	UK	
	2576/2015	Lettuce	-	0.05	0.9	-	0.9	-	-	0.6	-	-	-	-	-	0.3	-	-	-	0.06	0.1	-	-	-	UK	
	5503/2015	Iceberg	-	-	0.02	0.02	0.05	-	-	0.08	0.02	-	0.02	-	-	-	-	0.04	-	-	-	-	-	-	Spain	
(9)	0013/2015	Little Gem	-	-	0.03	-	-	-	0.3	0.2	-	0.4	0.05	-	-	0.1	-	-	0.03	0.4	-	0.1	-	-	Spain	
(10)	3435/2015	Round	-	-	0.3	-	1.4	-	0.01	-	1.4	0.2	-	-	0.5	-	1.6	-	-	-	0.02	0.04	-	0.9	UK	

The abbreviations used for the pesticide names are as follows:

ACET	acetamiprid	AZOX	azoxystrobin	BOS	boscalid
CTP	chlorantraniliprole	CYD	cyprodinil	DIFC	difenoconazole
DMR	dimethomorph	DTC	dithiocarbamates	FLUD	fludioxonil
FNHX	fenhexamid	FPC	fluopicolide	FPET	folpet
IDX	indoxacarb	IMI	imidacloprid	MDI	mandipropamid
METHS	methomyl (sum)	MTX	metalaxyl	PCB	propamocarb
PPZ	propyzamide	PYC	pyraclostrobin	PYMT	pymetrozine
STTPS	spirotetramat (sum)	THMSM	thiamethoxam (sum)		

**Table c. Residues sought but not found in retail samples of LETTUCE purchased between January and December 2015**

The following pesticide(s) were actively sought but not found at or above their reporting limits (in parentheses in mg/kg):

1,4-dimethylnaphthalene (0.01)	EPTC (0.05)	Monuron (0.01)
2,4-D (sum) (0.01)	ethiofencarb (parent) (0.01)	myclobutanil (0.01)
2,4-DB (0.01)	ethion (0.01)	napropamide (0.05)
2-phenylphenol (0.05)	ethirimol (0.01)	nitfenpyram (0.01)
6-benzyladenine (0.01)	ethofumesate (0.01)	nitrothal-isopropyl (0.01)
abamectin (sum) (0.01)	ethoprophos (0.01)	nuarimol (0.01)
acephate (0.01)	etofenprox (0.01)	ofurace (0.01)
acetochlor (0.01)	etoxazole (0.02)	Oxadiazyl (0.01)
acibenzolar-s-methyl (0.02)	etridiazole (0.05)	oxadixyl (0.01)
aclonifen (0.05)	etrimfos (0.01)	oxamyl (0.01)
acrinathrin (0.05)	famoxadone (0.01)	oxasulfuron (0.01)
alachlor (0.01)	fenamidone (0.01)	oxydemeton-methyl (sum) (0.01)
aldicarb (sum) (0.01)	fenamiphos (sum) (0.01)	oxyfluorfen (0.05)
aldrin and dieldrin (0.01)	fenarimol (0.01)	paclobutrazol (0.01)
alpha-HCH (0.01)	fenazaquin (0.01)	parathion (0.01)
ametoctradin (0.01)	fenbuconazole (0.01)	parathion-methyl (sum) (0.01)
amidosulfuron (0.01)	fenbutatin oxide (0.05)	penconazole (0.01)
amitraz (0.01)	fenitrothion (0.01)	pencycuron (0.01)
anthraquinone (0.01)	fenoxycarb (0.01)	pendimethalin (0.01)
asulam (0.05)	fenpropathrin (0.01)	pentanochlor (0.01)
atrazine (0.01)	fenpropidin (0.05)	permethrin (0.01)
azinphos-methyl (0.02)	fenpropimorph (0.01)	phenmedipham (0.05)
BAC (sum) (0.05)	fenpyroximate (0.01)	phenthoate (0.01)
benalaxyl (0.01)	fensulfthion (sum) (0.01)	phorate (partial sum) (0.02)
bendiocarb (0.01)	fenthion (partial sum) (0.01)	phosalone (0.01)
benfuracarb (0.01)	fenvalerate & esfenvalerate (all isomers) (0.01)	phosmet (sum) (0.01)
benthiavalicarb (sum) (0.01)	fipronil (sum) (0.01)	phosphamidon (0.01)
beta-HCH (0.01)	flonicamid (sum) (0.01)	phoxim (0.01)
bifenthrin (0.01)	fluazifop-p-butyl (sum) (0.01)	picolinafen (0.01)
biphenyl (0.01)	fluazinam (0.01)	picoxystrobin (0.01)
bispyribac-sodium (0.01)	flubendiamide (0.01)	piperonyl butoxide (0.01)
bitertanol (0.01)	flucythrinate (0.05)	pirimicarb (sum) (0.01)
bromophos-ethyl (0.01)	flufenacet (0.01)	pirimiphos-ethyl (0.01)
bromopropylate (0.01)	flufenoxuron (0.02)	pirimiphos-methyl (0.01)
bromoxynil (0.01)	fluometuron (0.01)	prochloraz (parent only) (0.01)
bromuconazole (0.01)	fluopyram (0.01)	Prochloraz (sum) (0.01)
bupirimate (0.01)	fluoxastrobin (0.01)	procymidone (0.01)
buprofezin (0.01)	fluquinconazole (0.01)	profenofos (0.01)
butachlor (0.01)	flurochloridone (0.05)	promecarb (0.01)
butocarboxim (parent) (0.01)	fluroxypyr (sum) (0.05)	prometryn (0.01)
butoxycarboxim (0.01)	flusilazole (0.01)	propachlor (0.01)
cadusafos (0.01)	flutolanil (0.01)	propaquizafop (0.05)
captan (0.02)	flutriafol (0.01)	propargite (0.01)
carbaryl (0.01)	fluxapyroxad (0.01)	propetamphos (0.01)
carbendazim (0.01)	fonofos (0.01)	propiconazole (0.01)
carbofuran (sum) (0.01)	formetanate (0.05)	propineb (sum) (0.01)
carbosulfan (0.01)	formothion (0.01)	propoxur (0.01)
carboxin (0.05)	fosthiazate (0.01)	proquinazid (0.01)
chlorbufam (0.02)	furalaxyl (0.01)	prosulfocarb (0.05)
chlordan (sum) (0.01)	furathiocarb (0.01)	prosulfuron (0.02)
chlorfenapyr (0.02)	furmecyclox (0.01)	prothioconazole (0.01)
chlorfenvinphos (0.01)	halofenozide (0.01)	prothiofos (0.01)
chloridazon (0.01)	halosulfuron-methyl (0.01)	pyrazophos (0.01)
chlorothalonil (0.01)	haloxyfop (sum) (0.01)	pyrethrins (0.01)
chlorpropham (sum) (0.05)	Heptachlor (sum) (0.01)	pyridaben (0.01)
chlorpyrifos (0.01)	heptenophos (0.01)	pyridaphenthion (0.01)
chlorpyrifos-methyl (0.01)	hexachlorobenzene (0.01)	pyrimethanil (0.05)
chlorthal-dimethyl (0.01)	hexachlorocyclohexane (sum) (0.01)	pyriproxifen (0.01)
chlortoluron (0.01)	hexaconazole (0.01)	quassia (0.01)
chlozolinate (0.01)	hexythiazox (0.01)	quinalphos (0.01)

chromafenozide (0.01)	imazalil (0.02)	quinmerac (0.05)
clethodim (0.05)	ioxynil (0.05)	Quinoclamine (0.01)
clofentezine (0.01)	iprodione (0.02)	quinoxifen (0.01)
clomazone (0.01)	iprovalicarb (0.01)	quintozene (sum) (0.01)
clothianidin (0.01)	isazophos (0.01)	rimsulfuron (0.01)
coumaphos (0.01)	isocarbophos (0.01)	rotenone (0.01)
cyazofamid (0.01)	isofenphos (0.01)	spinosad (0.01)
cycloate (0.01)	isofenphos-methyl (0.01)	spirodiclofen (0.01)
cycloxydim (0.05)	isoproc carb (0.01)	spiromesifen (0.01)
cyflufenamid (0.01)	isoprothiolane (0.01)	spiroxamine (0.01)
cyfluthrin (0.02)	isoproturon (0.01)	sulcotrione (0.05)
cyhalofop-butyl (sum) (0.01)	isopyrazam (0.01)	sum of butocarboxim and butocarboxim sul (0.01)
		tau-fluvalinate (0.01)
cymoxanil (0.01)	isoxaben (0.01)	tebuconazole (0.01)
cypermethrin (0.02)	isoxaflutole (0.01)	tebufenozide (0.01)
cyproconazole (0.01)	kresoxim-methyl (0.01)	tebufenpyrad (0.01)
cyromazine (0.05)	lambda-cyhalothrin (0.02)	tebuthiuron (0.01)
DDAC (sum) (0.05)	lenacil (0.01)	tecnazene (0.01)
DDT (sum) (0.01)	lindane (0.01)	teflubenzuron (0.01)
deltamethrin (0.02)	linuron (0.01)	tefluthrin (0.01)
demeton-S-methyl (0.01)	lufenuron (0.02)	terbufos (0.01)
desmedipham (0.05)	malathion (0.01)	Terbufos (sum not defintion) (0.01)
diafenthiuron (0.05)	MCPA, MCPB and MCPA thioethyl expressed (0.01)	
	mecarbam (0.01)	terbuthylazine (0.05)
diazinon (0.01)	mepanipyrim (sum) (0.01)	tetrachlorvinphos (0.01)
dichlobenil (0.05)	mepronil (0.01)	tetraconazole (0.01)
dichlofluanid (0.01)	mesosulfuron-methyl (0.01)	tetradifon (0.01)
dichlofluanid and DMSA (0.01)	metaflumizone (0.05)	tetramethrin (0.01)
dichlorprop (0.01)	metamitron (0.01)	thiabendazole (0.05)
dichlorvos (0.01)	metconazole (0.01)	thiacloprid (0.01)
diclobutrazol (0.01)	methabenzthiazuron (0.01)	thiophanate-methyl (0.01)
dicloran (0.01)	methacrifos (0.01)	tolclofos-methyl (0.01)
dicofol (sum) (0.01)	methamidophos (0.01)	tolfenpyrad (0.01)
dicrotophos (0.01)	methidathion (0.01)	tolyfluanid (sum) (0.01)
diethofencarb (0.01)	methiocarb (sum) (0.01)	triadimefon & triadimenol (0.01)
diflubenzuron (0.01)	methoxychlor (0.01)	triallate (0.05)
diflufenican (0.01)	methoxyfenozide (0.01)	triasulfuron (0.05)
dimethenamid (0.01)	metobromuron (0.01)	triazamate (0.01)
dimethoate (sum) (0.01)	metolachlor (0.01)	triazophos (0.01)
dimoxystrobin (0.01)	metolcarb (0.01)	triclopyr (0.05)
diniconazole (0.01)	metosulam (0.01)	tricyclazole (0.01)
dinotefuran (0.01)	metoxuron (0.01)	trifloxystrobin (0.01)
diphenylamine (0.05)	metrafenone (0.01)	triflumizole (0.01)
disulfoton (sum) (0.02)	metribuzin (0.05)	triflumuron (0.01)
diuron (0.01)	metsulfuron-methyl (0.05)	trifluralin (0.01)
dodine (0.05)	mevinphos (0.01)	triforine (0.05)
emamectin benzoate (0.01)	molinate (0.01)	triticonazole (0.01)
endosulfan (sum) (0.01)	monocrotophos (0.01)	vinclozolin (sum) (0.01)
EPN (0.01)	monolinuron (0.01)	zoxamide (0.01)
epoxiconazole (0.01)		

**Brand Name Annex  
January to December 2015 Samples**

Sample ID	Date of Sampling	Description	Country of Origin	Retail Outlet	Address	Brand Name	Packer / Manufacturer	Pesticide residues found in mg/kg (MRL)
<b>Cos</b>								
3129/2015	22/08/2015	Red Mini Cos Lettuce	UK	Sainsburys	James Road, Liverpool L25 5QA	Sainsburys	S Piccaver Lincolnshire, UK EC1N 2HT	spirotetramat (sum) 0.01 (MRL = 7)
<b>Gem Hearts</b>								
3229/2015	24/08/2015	Gem Hearts Lettuce	UK	Sainsburys	Middlewich Road, Nantwich CW5 6PH	Sainsburys	C Shropshire Cambridgeshire, UK EC1N 2HT	thiamethoxam (sum) 0.01 (MRL = 5)
<b>Iceberg</b>								
0048/2015	02/02/2015	Iceberg Lettuce	Spain	Aldi	70 Wellhall Road, Hamilton ML3 9BY	The Salad Box	Aldi Stores PO Box 26, Atherstone, Warwickshire CV9 2SH	imidacloprid 0.03 (MRL = 2) metalaxyl 0.02 (MRL = 3)
0122/2015	02/02/2015	Iceberg Lettuce	Spain	Asda	Holles Street, Grimsby DN32 9DL	Asda	Asda Stores Ltd Leeds, UK LS11 5AD	fludioxonil 0.01 (MRL = 15) imidacloprid 0.09 (MRL = 2)
0292/2015	26/01/2015	Iceberg Lettuce	Spain	Asda	Gibside Way, Metrocentre, Gateshead NE11 9YA	Asda	Asda Stores Ltd Leeds, UK LS11 5AD	imidacloprid 0.04 (MRL = 2) metalaxyl 0.01 (MRL = 3)
0577/2015	18/05/2015	Iceberg Lettuce	UK	Asda	Metrocentre, Gibside, Gateshead NE11 9YA	Asda	A Baybutt Lancs. UK	None were detected above the set RL
0610/2015	16/11/2015	Iceberg Lettuce	Spain	Asda	Gosforth, Newcastle NE3 5BU	Asda	Asda Stores Ltd Leeds, UK LS11 5AD	chlorantraniliprole 0.01 (MRL = 20) cyprodinil 0.08 (MRL = 15) fludioxonil 0.04 (MRL = 40) methomyl (sum) 0.03 (MRL = 0.05) metalaxyl 0.2 (MRL = 3)
1189/2015	02/11/2015	Iceberg Lettuce	Spain	Asda	Lombard Street, Newark NG24 1XG	Asda	Asda Stores Ltd Leeds, UK LS11 5AD	None were detected above the set RL
2747/2015	18/05/2015	Iceberg Lettuce	UK	Asda	Cherry Tree Road, Blackpool FY4 4QH	Asda	A Baybutt Lancs. UK	None were detected above the set RL
2963/2015	27/04/2015	Iceberg Lettuce	Spain	Asda	Killingbeck Drive, Leeds LS14 6UF	Asda	Asda Stores Ltd Leeds, UK LS11 5AD	imidacloprid 0.07 (MRL = 2)

Sample ID	Date of Sampling	Description	Country of Origin	Retail Outlet	Address	Brand Name	Packer / Manufacturer	Pesticide residues found in mg/kg (MRL)
5503/2015	16/11/2015	Iceberg Lettuce	Spain	Asda	Cherry Tree Road, Blackpool FY4 4QH	Asda Fresh	Asda Stores Ltd Leeds, UK LS11 5AD	boscalid 0.02 (MRL = 30) chlorantraniliprole 0.02 (MRL = 20) cyprodinil 0.05 (MRL = 15) dithiocarbamates 0.08 (MRL = 5) fludioxonil 0.02 (MRL = 40) folpet 0.02 (MRL = 2) metalaxyl 0.04 (MRL = 3)
1580/2015	11/05/2015	Iceberg Lettuce	Spain	Co-op	Lincoln Road, Newark NG24 2DQ	Co-op	Co-operative Group Ltd Manchester M60 0AG	imidacloprid 0.1 (MRL = 2)
2187/2015	19/10/2015	Iceberg Lettuce	UK	Co-op	273 Speke Road, Liverpool L25 0NN	Co-op	Co-operative Group Ltd Manchester M60 0AG	None were detected above the set RL
1532/2015	20/07/2015	Iceberg Lettuce	the Netherlands	Hunters Farm Shop	Watling Street, Milton Keynes MK17 9DW	The Greenery	The Greenery PO Box79 Barendrecht NL2990 AB	spirotetramat (sum) 0.02 (MRL = 7)
2590/2015	16/02/2015	Iceberg Lettuce	Spain	Iceland	Rheidol Retail Park, Station Road, Aberystwyth, Dyfed SY23 1LL	Iceland	Iceland Food Limited UK CH5 2NW	boscalid 0.06 (MRL = 30) imidacloprid 0.09 (MRL = 2) metalaxyl 0.07 (MRL = 3) propamocarb 0.03 (MRL = 40) pyraclostrobin 0.01 (MRL = 2)
2069/2015	02/11/2015	Iceberg Lettuce	Spain	Kay's Fruit & Veg	368 Nacton Road, Ipswich IP3 9ND	None stated	Rodanto Ltd Springfield Enterprise Park DA11 8HN	imidacloprid 0.2 (MRL = 2)
1503/2015	18/05/2015	Iceberg Lettuce	UK	Marks & Spencer	Winchester Circle, Kingston, Milton Keynes MK10 0BA	Marks & Spencer	Rob Parker Cambridgeshire, UK	None were detected above the set RL
2552/2015	17/02/2015	Iceberg Lettuce	Spain	Mears Grocers	Open Market, Marshalls Row, Brighton BN1 4JU	None stated		imidacloprid 0.04 (MRL = 2)
0177/2015	26/01/2015	Iceberg Lettuce	Spain	Morrisons	Squires Gate Lane, Blackpool FY4 2AY	Morrisons	Wm Morrison Supermarkets PLC Gain Lane, Bradford BD3 7DL	azoxystrobin 0.03 (MRL = 15) difenoconazole 0.03 (MRL = 3) folpet 0.02 (MRL = 2) imidacloprid 0.03 (MRL = 2) metalaxyl 0.02 (MRL = 3) propyzamide 0.05 (MRL = 1)

Sample ID	Date of Sampling	Description	Country of Origin	Retail Outlet	Address	Brand Name	Packer / Manufacturer	Pesticide residues found in mg/kg (MRL)
2398/2015	16/11/2015	Iceberg Lettuce	Spain	Nadia's Greengrocers	18 Argyle Place, Edinburgh EH9 1JJ	None stated	S Coop. Hoyawar DIP de La Moya S/N, Murcia	thiamethoxam (sum) 0.01 (MRL = 5)
3314/2015	20/07/2015	Iceberg Lettuce	UK	Pippins	23 Clifton Street, Cardiff CF24 1LQ	None stated	G' Fresh Ltd Sandfield farms Ltd, Manor Farm, Luddington, Stratford Upon Avon	None were detected above the set RL
0267/2015	26/01/2015	Iceberg Lettuce	Spain	Sainsburys	Bitterscote Drive, Bone Hill, Tamworth B78 3HD	Sainsburys	A Hernandez Spain	acetamiprid 0.02 (MRL = 3)
0540/2015	18/05/2015	Iceberg Lettuce	UK	Sainsburys	Bittercote Drive, Bone Hill, Tamworth B78 3HD	Sainsburys	Philip Maddocks Shropshire, UK	None were detected above the set RL
1382/2015	10/08/2015	Iceberg Lettuce	UK	Sainsburys	Corporation Road, Grimsby DN31 1UF	Sainsburys	S Piccaver Lincolnshire, UK	None were detected above the set RL
1969/2015	27/04/2015	Iceberg Lettuce	Spain	Sainsburys	27 New England Street, Brighton BN1 4GQ	Sainsburys	A Marhuenda Spain	thiamethoxam (sum) 0.02 (MRL = 5)
2526/2015	16/02/2015	Iceberg Lettuce	Spain	Salmon P&J Ltd	22 Pepper Street, Nantwich CW5 5AB	None stated	Gregal SDAD Co op Murcia, Spain	imidacloprid 0.08 (MRL = 2)
1628/2015	01/06/2015	Iceberg Lettuce	UK	Spar	49 Magdalen Road, Exeter EX2 4TA	None stated		None were detected above the set RL
0305/2015	26/01/2015	Iceberg Lettuce	Spain	Tesco	Hall Road, Hull HU6 7XP	Tesco	Tesco Stores Ltd Cheshunt, UK EN8 9SL	imidacloprid 0.03 (MRL = 2)
0366/2015	02/02/2015	Iceberg Lettuce	Spain	Tesco	Exeter Vale, Russel Way, Exeter EX2 7EZ	Tesco	Tesco Stores Ltd Cheshunt, UK EN8 9SL	fludioxonil 0.02 (MRL = 15) imidacloprid 0.02 (MRL = 2)
0710/2015	18/05/2015	Iceberg Lettuce	UK	Tesco	Eastern Bay Road, Pengham Green, Cardiff CF24 2HP	Tesco	Tesco Stores Ltd Cheshunt, UK EN8 9SL	None were detected above the set RL
0742/2015	16/11/2015	Iceberg Lettuce	Spain	Tesco	Hall Road, Hull HU6 7XP	Tesco	Tesco Stores Ltd Cheshunt, UK EN8 9SL	propamocarb 0.02 (MRL = 40)
0767/2015	10/08/2015	Iceberg Lettuce	UK	Tesco	Leisure Way, Lowestoft NR32 4TZ	Tesco	Tesco Stores Ltd Cheshunt, UK EN8 9SL	None were detected above the set RL
1398/2015	24/08/2015	Iceberg Lettuce	UK	Tesco	Church Road, Hove BN3 2DL	Tesco	Tesco Stores Ltd Cheshunt, UK EN8 9SL	None were detected above the set RL

Sample ID	Date of Sampling	Description	Country of Origin	Retail Outlet	Address	Brand Name	Packer / Manufacturer	Pesticide residues found in mg/kg (MRL)
5554/2015	16/11/2015	Iceberg Lettuce	Spain	Tesco	Watling Street, Milton Keynes MK1 1DD	Tesco	Tesco Stores Ltd Cheshunt, UK EN8 9SL	imidacloprid 0.02 (MRL = 2)
3357/2015	20/07/2015	Iceberg Lettuce	UK	The Salad Bowl	4 Topping Street, Blackpool FY1 3AX	None stated	A Baybutt & Sons Ltd Hodsons Farm, 467 Moss Lane, Hesketh Bank, Preston	None were detected above the set RL
0220/2015	26/01/2015	Iceberg Lettuce	Spain	Waitrose	3 Baggage Gate, Oak Grove, Milton Keynes MK10 9SU	Waitrose	Waitrose Ltd Bracknell, Berkshire RG12 8YA	propamocarb 0.02 (MRL = 40)
0722/2015	18/05/2015	Iceberg Lettuce	UK	Waitrose	Beverly Road, Willerby, Hull HU10 6EB	Waitrose	Waitrose Ltd Bracknell, Berkshire RG12 8YA	None were detected above the set RL
<b>Lettuce</b>								
2252/2015	02/11/2015	Lettuce	UK	All Seasons Groceries	49b High Street, Royal Wootton Bassett, Swindon SN4 7AQ	None stated	Gore Hall Farm Ryding's Ln, Southport PR9 8EB	boscalid 0.7 (MRL = 30) pyraclostrobin 0.06 (MRL = 2) spirotetramat (sum) 0.1 (MRL = 7)
1937/2015	19/10/2015	Flat Lettuce	UK	CK's Foodstore	Waun Fawr, Aberystwyth, Dyfed SY23 3QH	Gore Hall	Gore Hall Produce Ltd Gore Hall Farm, Banks, Southport	propamocarb 0.1 (MRL = 40) spirotetramat (sum) 0.2 (MRL = 7)
2576/2015	17/02/2015	English Glasshouse Lettuce	UK	Pineapple	94 South Road, Waterloo, Liverpool L22 0LY	None stated	Three Acres Nurseries Gorse Lane, Tarlton	azoxystrobin 0.05 (MRL = 15) boscalid 0.9 (MRL = 30) cyprodinil 0.9 (MRL = 15) fludioxonil 0.6 (MRL = 10) mandipropamid 0.3 (MRL = 25) propyzamide 0.06 (MRL = 1) pyraclostrobin 0.1 (MRL = 2)
1664/2015	11/05/2015	Lettuce	UK	Tesco	76 Duke Street, Edinburgh EH6 8HL	Tesco	Alan Grummitt Norfolk, UK	None were detected above the set RL
1440/2015	20/07/2015	Lettuce	UK	Varleys Fruit Shop	8 New Market, Morpeth NE61 1PS	Almar Salads	Almar Nurseries The Marshes Lane, Mere Brow, Preston PR4 6JR	boscalid 0.01 (MRL = 30)

Sample ID	Date of Sampling	Description	Country of Origin	Retail Outlet	Address	Brand Name	Packer / Manufacturer	Pesticide residues found in mg/kg (MRL)
<b>Little Gem</b>								
0050/2015	02/02/2015	Little Gem Lettuce	Spain	Morrisons	Tower Road, Lowestoft NR33 7NG	Morrisons	Wm Morrison Supermarkets PLC Gain Lane, Bradford BD3 7DL	azoxystrobin 0.01 (MRL = 15) difenoconazole 0.02 (MRL = 3)
2652/2015	11/05/2015	Little Gem Lettuce	Spain	Aldi	Hines Road, Ipswich IP3 9BG	The Salad Box	Aldi Stores PO Box 26, Atherstone, Warwickshire CV9 2SH	acetamiprid 0.06 (MRL = 3) imidacloprid 0.09 (MRL = 2) thiamethoxam (sum) 0.01 (MRL = 5)
0328/2015	26/01/2015	Little Gem Lettuce	Spain	Morrisons	507 Newport Road, Penylan, Cardiff CF23 9YG	Morrisons	Wm Morrison Supermarkets PLC Gain Lane, Bradford BD3 7DL	imidacloprid 0.02 (MRL = 2)
1089/2015	10/08/2015	Little Gem Lettuce	UK	Morrisons	Dorlan way, Eldene Drive, Swindon SN3 3TX	None stated		spirotetramat (sum) 0.01 (MRL = 7)
2515/2015	17/02/2015	Little Gem Lettuce	Spain	Morrisons	Harehills Lane, Leeds L58 3RG	Morrisons	Wm Morrison Supermarkets PLC Gain Lane, Bradford BD3 7DL	imidacloprid 0.02 (MRL = 2)
0013/2015	31/01/2015	Little Gem lettuce	Spain	Sainsburys	10 Balloo Link, Bangor BT19 7HJ	Sainsburys	E Serrano Spain	boscalid 0.03 (MRL = 30) dimethomorph 0.3 (MRL = 15) dithiocarbamates 0.2 (MRL = 5) fenhexamid 0.4 (MRL = 40) fluopicolide 0.05 (MRL = 9) imidacloprid 0.1 (MRL = 2) metalaxyl 0.03 (MRL = 3) propamocarb 0.4 (MRL = 40) pyraclostrobin 0.1 (MRL = 2)
0842/2015 Organic	08/08/2015	Little Gem Lettuce	UK	Sainsburys	10 Balloo Link, Bangor BT19 7HJ	Sainsburys	Hamish Mellor Cambridgeshire, UK	None were detected above the set RL
3047/2015	19/10/2015	Gem Hearts Lettuce	UK	Sainsburys	27 New England Street, Brighton BN1 4GQ	Sainsburys	C Shropshire Cambridgeshire, UK	None were detected above the set RL
3104/2015	23/08/2015	Little Gem Lettuce	UK	Sainsburys	Eleventh Avenue, Gateshead NE11 0JY	Sainsburys	C Shropshire Cambridgeshire, UK	acetamiprid 0.02 (MRL = 3) propamocarb 0.01 (MRL = 40) thiamethoxam (sum) 0.01 (MRL = 5)



Sample ID	Date of Sampling	Description	Country of Origin	Retail Outlet	Address	Brand Name	Packer / Manufacturer	Pesticide residues found in mg/kg (MRL)
1162/2015	18/07/2015	Little Gem Lettuce	UK	Stodds	Market Place, Newark NG24 1EG	None stated	FB Eminson The Poplars, 165 Backgate Lane, Tarleton PR4 6UU	mandipropamid 0.2 (MRL = 25) propyzamide 0.03 (MRL = 0.6)
0699/2015	18/05/2015	Little Gem Lettuce	UK	Tesco	Eastern Bay Road, Pengham Green, Cardiff CF24 2HP	Tesco	Simon Gardner Cambridgeshire, UK	None were detected above the set RL
0995/2015	24/08/2015	Little Gem Lettuce	UK	Tesco	361 Roundhay Road, Leeds LS8 4BU	Tesco	Simon Gardner Cambridgeshire, UK	mandipropamid 0.01 (MRL = 25)
1537/2015	11/05/2015	Little Gem Lettuce	UK	Tesco	Oxshott Road, Leatherhead KT22 0EF	Tesco	Simon Gardner Cambridgeshire, UK	None were detected above the set RL
1917/2015	27/04/2015	Little Gem Lettuce	Spain	Tesco	Litherland, Liverpool L21 8NZ	Tesco	Tesco Stores Ltd Cheshunt, UK EN8 9SL	imidacloprid 0.03 (MRL = 2)
2583/2015	16/02/2015	Little Gem Lettuce	Spain	The Fruit Shop	25 Station Road, Ashington, Northumberland NE63 9UZ	None stated	Explot. Agric. Samper SCL Finca lo Mazon, S/N 30590 Gea Y Truyols, Murcia	boscalid 0.02 (MRL = 30) dimethomorph 0.02 (MRL = 15) imidacloprid 0.2 (MRL = 2) propamocarb 0.06 (MRL = 40) pyraclostrobin 0.01 (MRL = 2)
2274/2015	02/11/2015	Little Gems Lettuce	UK	The Salad Bowl	6 Queen Street, Coleraine, Co. Londonderry BT52 1BE	None stated	Lancashire	acetamiprid 0.04 (MRL = 3)
0006/2015	31/01/2015	Little Gem Hearts	Spain	Waitrose	402 North End Road, Fulham SW6 1LU	Waitrose	Waitrose Ltd Bracknell, Berkshire RG12 8YA	imidacloprid 0.02 (MRL = 2)
2668/2015 Organic	09/08/2015	Little Gem Lettuce	UK	Waitrose	145 Morningside Road, Edinburgh EH10 4AX	Waitrose	Waitrose Ltd Bracknell, Berkshire RG12 8YA	None were detected above the set RL
5590/2015 Organic	15/11/2015	Little Gem Lettuce	Spain	Waitrose	Stonney Land Drive, Lichfield, Staffordshire WS13 6RX	Waitrose	Waitrose Ltd Bracknell, Berkshire RG12 8YA	None were detected above the set RL
<b>Romaine</b>								
1803/2015	27/04/2015	Romaine Lettuce	Spain	Aldi	Stadium Retail Park, Crewe, Cheshire CW1 2RP	The Salad Box	Aldi Stores PO Box 26, Atherstone, Warwickshire CV9 2SH	None were detected above the set RL

Sample ID	Date of Sampling	Description	Country of Origin	Retail Outlet	Address	Brand Name	Packer / Manufacturer	Pesticide residues found in mg/kg (MRL)
3394/2015	20/07/2015	Romaine Lettuce	UK	Asda	Althorpe Road, Hull HU7 3DA	Asda	A Baybutt Lancashire, UK	None were detected above the set RL
2036/2015	02/11/2015	Romaine Lettuce	UK	Fruit Grove	6 Grove Corner, Great Bookham, Surrey KT23 4LP	None stated	GN Coxhead Chainhouse Nurseries, Whitestake, Preston	None were detected above the set RL
2295/2015	19/10/2015	Romaine Lettuce	UK	Tesco	Vernon Way, Crewe, Cheshire CW1 2DD	Tesco	Alex Duncan Sussex, UK	boscalid 0.03 (MRL = 30) propamocarb 0.06 (MRL = 40)
3282/2015 Organic	11/08/2015	Romaine Lettuce	UK	Tesco	Osterley Park, Syon Lane, Isleworth TW7 5NZ	Tesco	Tesco Stores Ltd Cheshunt, UK EN8 9SL	None were detected above the set RL
<b>Round</b>								
1982/2015	27/04/2015	Round Lettuce	UK	Asda	Portland Park, Lintonville Terrace, Ashington NE63 9XG	Asda	Asda Stores Ltd Leeds, UK LS11 5AD	None were detected above the set RL
2662/2015	10/05/2015	Round Lettuce	Northern Ireland (UK)	Asda	1 Ring Road, Coleraine, Northern Ireland BT52 1QP	Asda	Asda Stores Ltd Leeds, UK LS11 5AD	None were detected above the set RL
3435/2015	19/10/2015	Round Lettuce	UK	Asda	Portland Park, Lintonville, Ashington NE63 9XG	Asda	Asda Stores Ltd Leeds, UK LS11 5AD	boscalid 0.3 (MRL = 30) cyprodinil 1.4 (MRL = 15) dimethomorph 0.01 (MRL = 15) fludioxonil 1.4 (MRL = 40) fenhexamid 0.2 (MRL = 40) indoxacarb 0.5 (MRL = 3) mandipropamid 1.6 (MRL = 25) propyzamide 0.02 (MRL = 0.6) pyraclostrobin 0.04 (MRL = 2) spirotetramat (sum) 0.9 (MRL = 7)
1931/2015	07/12/2015	Round Lettuce	UK	Morrisons	Parc-y-Dofau, Aberystwyth SY23 3RN	Morrisons	Wm Morrison Supermarkets PLC Gain Lane, Bradford BD3 7DL	boscalid 0.5 (MRL = 30) cyprodinil 0.3 (MRL = 15) fludioxonil 0.4 (MRL = 40) propyzamide 0.03 (MRL = 0.6) pyraclostrobin 0.03 (MRL = 2) pymetrozine 0.4 (MRL = 3) spirotetramat (sum) 0.01 (MRL = 7)

Sample ID	Date of Sampling	Description	Country of Origin	Retail Outlet	Address	Brand Name	Packer / Manufacturer	Pesticide residues found in mg/kg (MRL)
1935/2015	24/08/2015	Round Lettuce	UK	Morrisons	Parc-y- Dolau, Aberystwyth SY23 3RN	Morrisons	Wm Morrison Supermarkets PLC Gain Lane, Bradford BD3 7DL	azoxystrobin 0.01 (MRL = 15) cyprodinil 1.7 (MRL = 15) fludioxonil 0.9 (MRL = 40) mandipropamid 0.01 (MRL = 25) spirotetramat (sum) 0.07 (MRL = 7)
2222/2015	20/10/2015	Round Lettuce	UK	Morrisons	Harehills Lane, Leeds LS8 3RG	Morrisons	Wm Morrison Supermarkets PLC Gain Lane, Bradford BD3 7DL	thiamethoxam (sum) 0.02 (MRL = 5)