



**Expert Committee on
Pesticide Residues in Food**

Chilli Peppers

Pesticide Residues Monitoring Report 2015

This is an amalgamation of the quarterly reports

Introduction

We last surveyed chilli peppers in 2010. The survey included any fresh chilli pepper or hot pepper varieties such as Scotch bonnet, cayenne, bird eye, finger or Thai

We sampled chilli peppers in every quarter of 2015 and reported them in quarters two and four.

The Rural Payment Agency's Horticultural Marketing Inspectors collected the chilli pepper samples from a range of points in the supply chain (wholesale markets, retail depots, ports and import points).

Conclusions

Summary statement

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

Monocrotophos residues

We found a residue of monocrotophos at 0.3 mg/kg, in a sample of chilli peppers from India. Monocrotophos is an insecticide that has not been authorised for use in the EU since 2003. There is uncertainty about the potential for monocrotophos to cause genetic damage; therefore, on a precautionary basis we consider any findings of monocrotophos in food as not desirable. However, considering the very low intakes any risks are likely to be low.

Results

When samples were taken	Between January and December 2015
Number of samples	48 samples were tested for up to 343 pesticide residues
Origin of samples	5 samples came from the UK 25 samples were imported from outside the EU 18 samples came from the EU
Residues found	22 samples contained no residues from those sought 26 samples contained residues above the reporting level 7 samples contained residues above the MRL 1 sample was labelled as organic. None contained residues from those sought
Multiple residues	15 samples contained residues of more than one pesticide <ul style="list-style-type: none">• 5 samples contained 2 residues• 3 samples contained 3 residues• 3 samples contained 4 residues• 1 sample contained 5 residues• 1 sample contained 7 residues• 2 samples contained 10 residues
Residues measured above the MRL	The laboratory detected 12 residues above the MRL in 7 samples of chilli peppers <ul style="list-style-type: none">• 1 sample from India contained a residue of profenofos at 0.5 mg/kg. The MRL is 0.01 mg/kg.• 1 sample from Pakistan contained a residue of thiphanate-methyl at 0.2 mg/kg. The MRL is 0.1* mg/kg.

* **Maximum Residue Levels set at the LOD (LOD MRL):** These MRLs are set at a default level, i.e. at the limit of determination (LOD) as specified in EC Regulation 396/2005.

- 1 sample from India contained residues of ethion at 0.05 mg/kg, the MRL is 0.01* mg/kg and flonicamid at 0.2 mg/kg, the MRL is 0.15 mg/kg.
- 1 sample from Egypt contained residues of chlorpyrifos at 1.1 mg/kg, the MRL is 0.5 mg/kg and profenofos at 1.3 mg/kg, the MRL is 0.01* mg/kg.
- 1 sample from India contained residues of acephate at 0.02 mg/kg, the MRL is 0.01* mg/kg, ethion at 0.4 mg/kg, the MRL is 0.01* mg/kg and thiophanate-methyl at 0.6 mg/kg, the MRL is 0.1* mg/kg.
- 1 sample from India contained residues of monocrotophos at 0.3 mg/kg, the MRL is 0.01* mg/kg and profenofos at 0.4 mg/kg, the MRL is 0.01* mg/kg.
- 1 sample from Israel contained a residue of flonicamid at 0.2 mg/kg. The MRL is 0.15 mg/kg.

Risk assessments

Number of risk assessments

The laboratory detected 38 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.

Follow up action

Letters sent

The Secretariat wrote to the suppliers of the samples with residues above the MRL.

Table a. Residues detected in samples of CHILLI PEPPERS obtained between January and December 2015

Commodity/Pesticide	Concentration range (mg/kg)	Number of samples in range
CHILLI PEPPERS, UK: 5 samples analysed		
None found	-	5
CHILLI PEPPERS, Imported (Non-EC): 25 samples analysed		
acephate (MRL = 0.01*)	<0.01 (i.e. not found) 0.02	24 1
acetamiprid (MRL = 0.3)	<0.02 (i.e. not found) 0.03 - 0.07	21 4
azoxystrobin (MRL = 3)	<0.02 (i.e. not found) 0.02 - 0.06	22 3
bifenthrin (MRL = 0.5)	<0.02 (i.e. not found) 0.1	24 1
bupirimate (MRL = 2)	<0.02 (i.e. not found) 0.07, 0.5	23 2
carbendazim (MRL = 0.1*)	<0.02 (i.e. not found) 0.02 - 0.07	22 3
carbofuran (sum) (MRL = 0.01*)	<0.01 (i.e. not found) 0.01	24 1
chlorantraniliprole (MRL = 1)	<0.02 (i.e. not found) 0.05	24 1
chlorpyrifos (MRL = 0.5)	<0.02 (i.e. not found) 0.05, 0.2 1.1	22 2 1
clothianidin (MRL = 0.05)	<0.02 (i.e. not found) 0.05	24 1
cypermethrin (MRL = 0.5)	<0.1 (i.e. not found) 0.1	24 1
difenoconazole (MRL = 0.8)	<0.02 (i.e. not found) 0.05	24 1
ethion (MRL = 0.01*)	<0.01 (i.e. not found) 0.05, 0.4	23 2
flonicamid (sum) (MRL = 0.15)	<0.02 (i.e. not found) 0.03 0.2	22 1 2
imidacloprid (MRL = 1)	<0.02 (i.e. not found) 0.09 - 0.6	21 4
iprodione (MRL = 5)	<0.04 (i.e. not found) 0.04	24 1
kresoxim-methyl (MRL = 1)	<0.02 (i.e. not found) 0.04	24 1
lambda-cyhalothrin (MRL = 0.1)	<0.02 (i.e. not found) 0.05 - 0.1	22 3

Commodity/Pesticide	Concentration range (mg/kg)	Number of samples in range
metalaxyl (MRL = 0.5)	<0.02 (i.e. not found) 0.2	24 1
monocrotophos (MRL = 0.01*)	<0.01 (i.e. not found) 0.3	24 1
pendimethalin (MRL = 0.05*)	<0.02 (i.e. not found) 0.02	24 1
piperonyl butoxide (No MRL)	<0.02 (i.e. not found) 0.1	24 1
profenofos (MRL = 0.01*)	<0.02 (i.e. not found) 0.4 - 1.3	22 3
propiconazole (MRL = 0.05*)	<0.02 (i.e. not found) 0.05	24 1
spinosad (MRL = 2)	<0.02 (i.e. not found) 0.02, 0.08	23 2
spiromesifen (MRL = 0.5)	<0.02 (i.e. not found) 0.08 - 0.1	22 3
tebuconazole (MRL = 0.6)	<0.02 (i.e. not found) 0.1	24 1
thiamethoxam (sum) (MRL = 0.7)	<0.02 (i.e. not found) 0.03 - 0.1	22 3
thiophanate-methyl (MRL = 0.1*)	<0.01 (i.e. not found) 0.08 0.2, 0.6	22 1 2
triadimefon & triadimenol (MRL = 1)	<0.02 (i.e. not found) 0.3, 0.4	23 2
trifloxystrobin (MRL = 0.3)	<0.02 (i.e. not found) 0.2	24 1
CHILLI PEPPERS, Imported (EC): 17 samples analysed		
chlorantraniliprole (MRL = 1)	<0.02 (i.e. not found) 0.03, 0.07	15 2
fludioxonil (MRL = 1)	<0.02 (i.e. not found) 0.03, 0.1	15 2
flutriafol (MRL = 1)	<0.02 (i.e. not found) 0.02 - 0.06	14 3
imidacloprid (MRL = 1)	<0.02 (i.e. not found) 0.05	16 1
methoxyfenozide (MRL = 1)	<0.02 (i.e. not found) 0.03	16 1
metrafenone (MRL = 2)	<0.02 (i.e. not found) 0.1	16 1
pymetrozine (MRL = 3)	<0.02 (i.e. not found) 0.04	16 1
spirotetramat (sum) (MRL = 2)	<0.02 (i.e. not found) 0.03	16 1
triadimefon & triadimenol	<0.02 (i.e. not found)	15

Commodity/Pesticide (MRL = 1)	Concentration range (mg/kg) 0.03, 0.04	Number of samples in range 2
CHILLI PEPPERS, CHILLI PEPPERS Imported (EC): 1 sample analysed		
cyproconazole (MRL = 0.05*)	<0.02 (i.e. not found) 0.02	0 1

NOTE: * Indicates MRL is set to the Limit of Determination.

Imported (EC) samples of chilli peppers were from Belgium (1), Italy (2), Spain (11), the Netherlands (4).
 Imported (Non-EC) samples of chilli peppers were from Egypt (2), Ethiopia (1), Gambia (1), India (9), Israel (2), Kenya (2), Morocco (4), Pakistan (1), Senegal (1), Uganda (2).
 UK samples of chilli peppers (5).

Residues were distributed by country of origin, as follows:

acephate	India (1)
acetamiprid	India (3), Uganda (1)
azoxystrobin	India (1), Kenya (1), Morocco (1)
bifenthrin	India (1)
bupirimate	Egypt (1), Kenya (1)
carbofuran (sum)	India (1)
carbendazim	India (2), Pakistan (1)
chlorpyrifos	Egypt (1), India (2)
cyproconazole	Spain (1)
clothianidin	Egypt (1)
chlorantraniliprole	India (1), Spain (2)
cypermethrin	India (1)
difenoconazole	India (1)
ethion	India (2)
flonicamid (sum)	India (1), Israel (1), Senegal (1)
flutriafol	Spain (3)
fludioxonil	Spain (2)
imidacloprid	India (3), Kenya (1), Spain (1)
iprodione	Israel (1)
kresoxim-methyl	India (1)
lambda-cyhalothrin	Egypt (1), Kenya (1), Uganda (1)
monocrotophos	India (1)
metrafenone	Spain (1)
metalaxyl	India (1)
methoxyfenozide	the Netherlands (1)
piperonyl butoxide	Egypt (1)
propiconazole	Egypt (1)
profenofos	Egypt (1), India (2)
pendimethalin	India (1)
pymetrozine	Spain (1)
spiromesifen	India (1), Kenya (1), Morocco (1)
spinosad	India (1), Israel (1)
spirotetramat (sum)	Spain (1)
tebuconazole	India (1)
thiamethoxam (sum)	Egypt (1), India (1), Uganda (1)
thiophanate-methyl	India (2), Pakistan (1)
trifloxystrobin	Morocco (1)
triadimefon & triadimenol	Morocco (2), Spain (2)

No residues were found in any of the UK samples

No residues were found in 8 of the 25 Imported (Non-EC) samples

No residues were found in 9 of the 17 Imported (EC) samples

Residues were found in all of the 1 Imported (EC) chilli peppers samples

Number of residues	Sample ID	Residues found (mg/kg)																	Country of origin
		MON	MTF	MTX	MXF	PBO	PCZ	PFS	PND	PYMT	SPM	SPN	STTPS	TBC	THMSM	TME	TRFL	TRSP	
	3877/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Spain
	4154/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Spain
	4235/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03	Spain
	4342/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Spain
	4441/2015	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	the Netherlands
(2)	4024/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Israel
	3999/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	Pakistan
	3962/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Spain
	4133/2015	-	-	-	-	-	-	-	-	-	-	0.03	-	-	-	-	-	-	Spain
	4248/2015	-	-	-	-	-	-	-	0.04	-	-	-	-	-	-	-	-	-	Spain
(3)	4146/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	-	-	-	Egypt
	3870/2015	-	-	-	-	-	-	-	-	0.08	-	-	-	-	-	-	-	0.4	Morocco
	4265/2015	-	-	-	-	-	-	-	-	-	-	-	-	0.03	-	-	-	-	Uganda
(4)	3982/2015	0.3	-	-	-	-	-	0.4	0.02	-	-	-	-	-	-	-	-	-	India
	3935/2015	-	-	-	-	-	-	-	-	-	0.1	-	-	-	-	-	-	-	Kenya
	4057/2015	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04	Spain
(5)	3895/2015	-	-	-	-	0.1	0.05	1.3	-	-	-	-	-	-	-	-	-	-	Egypt
(7)	4001/2015	-	-	-	-	-	-	-	-	-	-	-	0.1	0.05	-	-	-	-	India
(10)	3864/2015	-	-	-	-	-	-	0.5	-	-	0.1	-	-	-	-	0.08	-	-	India
	3964/2015	-	-	0.2	-	-	-	-	-	-	-	0.08	-	-	-	0.6	-	-	India

The abbreviations used for the pesticide names are as follows:

ACE	acephate	ACET	acetamiprid	AZOX	azoxystrobin
BIF	bifenthrin	BUP	bupirimate	CBF_S	carbofuran (sum)
CBZ	carbendazim	CPF	chlorpyrifos	CPZ	cyproconazole
CTH	clothianidin	CTP	chlorantraniliprole	CYP	cypermethrin
DIFC	difenoconazole	ETN	ethion	FLC	flonicamid (sum)
FLF	flutriafol	FLUD	fludioxonil	IMI	imidacloprid
IPR	iprodione	KREM	kresoxim-methyl	LCY	lambda-cyhalothrin
MON	monocrotophos	MTF	metrafenone	MTX	metalaxyl
MXF	methoxyfenozide	PBO	piperonyl butoxide	PCZ	propiconazole
PFS	profenofos	PND	pendimethalin	PYMT	pymetrozine
SPM	spiromesifen	SPN	spinosad	STTPS	spirotetramat (sum)
TBC	tebuconazole	THMSM	thiamethoxam (sum)	TME	thiophanate-methyl
TRFL	trifloxystrobin	TRSP	triadimefon & triadimenol		

Table c. Residues sought but not found in samples of CHILLI PEPPERS obtained 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 (0.02)	ethiofencarb (parent) (0.02)	mevinphos (0.02)
2,4-D (sum) (0.02)	ethirimol (0.02)	molinate (0.02)
2,4-DB (0.02)	ethofumesate (0.02)	monolinuron (0.02)
2-phenylphenol (0.1)	ethoprophos (0.02)	Monuron (0.02)
6-benzyladenine (0.02)	etofenprox (0.02)	myclobutanil (0.02)
abamectin (sum) (0.02)	etoxazole (0.04)	napropamide (0.1)
acetochlor (0.02)	etridiazole (0.1)	nitenpyram (0.02)
acibenzolar-s-methyl (0.04)	etrimfos (0.02)	nitrothal-isopropyl (0.02)
aclonifen (0.1)	famoxadone (0.02)	nuarimol (0.02)
acrinathrin (0.1)	fenamidone (0.02)	ofurace (0.02)
alachlor (0.02)	fenamiphos (sum) (0.02)	Oxadiargyl (0.02)
aldicarb (sum) (0.02)	fenarimol (0.02)	oxadixyl (0.02)
aldrin and dieldrin (0.02)	fenazaquin (0.02)	oxamyl (0.02)
alpha-HCH (0.02)	fenbuconazole (0.02)	oxasulfuron (0.02)
ametoctradin (0.02)	fenbutatin oxide (0.1)	oxydemeton-methyl (sum) (0.02)
amidosulfuron (0.02)	fenhexamid (0.1)	oxyfluorfen (0.1)
amitraz (0.02)	fenitrothion (0.02)	paclobutrazol (0.02)
anthraquinone (0.02)	fenoxycarb (0.02)	parathion (0.02)
asulam (0.1)	fenpropathrin (0.02)	parathion-methyl (sum) (0.02)
atrazine (0.02)	fenpropidin (0.1)	penconazole (0.02)
azinphos-methyl (0.04)	fenpropimorph (0.02)	pencycuron (0.02)
BAC (sum) (0.1)	fenpyroximate (0.02)	pentanochlor (0.02)
benalaxyl (0.02)	fensulfothion (sum) (0.02)	permethrin (0.02)
bendiocarb (0.02)	fenthion (partial sum) (0.02)	phenmedipham (0.1)
benfuracarb (0.02)	fenvalerate & esfenvalerate (all isomers) (0.02)	phenthoate (0.02)
benthiavalicarb (sum) (0.02)	fipronil (sum) (0.02)	phorate (partial sum) (0.04)
beta-HCH (0.02)	fluazifop-p-butyl (sum) (0.02)	phosalone (0.02)
biphenyl (0.02)	fluazinam (0.02)	phosmet (sum) (0.02)
bispyribac-sodium (0.02)	flubendiamide (0.02)	phosphamidon (0.02)
bitertanol (0.02)	flucythrinate (0.1)	phoxim (0.02)
boscalid (0.02)	flufenacet (0.02)	picolinafen (0.02)
bromophos-ethyl (0.02)	flufenoxuron (0.04)	picoxystrobin (0.02)
bromopropylate (0.02)	fluometuron (0.02)	pirimicarb (sum) (0.02)
bromoxynil (0.02)	fluopicolide (0.02)	pirimiphos-ethyl (0.02)
bromuconazole (0.02)	fluopyram (0.02)	pirimiphos-methyl (0.02)
buprofezin (0.02)	fluoxastrobin (0.02)	prochloraz (parent only) (0.02)
butachlor (0.02)	fluquinconazole (0.02)	procymidone (0.02)
butocarboxim (parent) (0.02)	flurochloridone (0.1)	promecarb (0.02)
butoxycarboxim (0.02)	fluroxypyr (sum) (0.1)	prometryn (0.02)
cadusafos (0.02)	flusilazole (0.02)	propachlor (0.02)
captan (0.04)	flutolanil (0.02)	propamocarb (0.02)
carbaryl (0.02)	fluxapyroxad (0.02)	propaquizafop (0.1)
carbosulfan (0.02)	folpet (0.02)	propargite (0.02)
carboxin (0.1)	fonofos (0.02)	propetamphos (0.02)
chlorbufam (0.1)	formetanate (0.1)	propoxur (0.02)
chlordane (sum) (0.02)	formothion (0.02)	propyzamide (0.02)
chlorfenapyr (0.04)	fosthiazate (0.02)	proquinazid (0.02)
chlorfenvinphos (0.02)	furalaxyl (0.02)	prosulfocarb (0.1)
chloridazon (0.02)	furathiocarb (0.02)	prosulfuron (0.04)
chlorpropham (sum) (0.1)	furmecyclox (0.02)	prothioconazole (0.02)
chlorpyrifos-methyl (0.02)	halofenozide (0.02)	prothiofos (0.02)
chlorthal-dimethyl (0.02)	halosulfuron-methyl (0.02)	pyraclostrobin (0.02)
chlortoluron (0.02)	haloxyfop (sum) (0.02)	pyrazophos (0.02)
chlozolinate (0.02)	Heptachlor (sum) (0.02)	pyrethrins (0.02)
chromafenozide (0.02)	heptenophos (0.02)	pyridaben (0.02)
clethodim (0.1)	hexachlorobenzene (0.02)	pyridaphenthion (0.02)
clofentezine (0.02)	hexachlorocyclohexane (sum) (0.02)	pyrimethanil (0.1)
clomazone (0.02)	hexaconazole (0.02)	pyriproxifen (0.02)
coumaphos (0.02)	hexythiazox (0.02)	quassia (0.02)
cyazofamid (0.02)	imazalil (0.04)	quinalphos (0.02)

cycloate (0.02)
cycloxydim (0.1)
cyflufenamid (0.02)
cyfluthrin (0.04)
cyhalofop-butyl (sum) (0.02)
cymoxanil (0.02)
cyprodinil (0.1)
cyromazine (0.1)
DDAC (sum) (0.1)
DDT (sum) (0.02)

deltamethrin (0.1)
demeton-S-methyl (0.02)
desmedipham (0.1)
diafenthiuron (0.1)
diazinon (0.02)
dichlobenil (0.1)
dichlofluanid (0.02)
dichlofluanid and DMSA (0.02)
dichlorprop (0.02)
dichlorvos (0.02)

diclobutrazol (0.02)
dicloran (0.02)
dicofol (sum) (0.02)
dicrotophos (0.02)
diethofencarb (0.02)
diflubenzuron (0.02)
diflufenican (0.02)
dimethenamid (0.02)
dimethoate (sum) (0.02)
dimethomorph (0.02)
dimoxystrobin (0.02)
diniconazole (0.02)
dinotefuran (0.02)
diphenylamine (0.1)
disulfoton (sum) (0.04)
diuron (0.02)
dodine (0.1)
emamectin benzoate (0.02)
endosulfan (sum) (0.02)
EPN (0.02)
epoxiconazole (0.02)
EPTC (0.1)

indoxacarb (0.02)
ioxynil (0.1)
iprovalicarb (0.02)
isazophos (0.02)
isocarbophos (0.02)
isofenphos (0.02)
isofenphos-methyl (0.02)
isoprocarb (0.02)
isoprothiolane (0.02)
isoproturon (0.02)

isopyrazam (0.02)
isoxaben (0.02)
isoxaflutole (0.02)
lenacil (0.02)
lindane (0.02)
linuron (0.02)
lufenuron (0.04)
malathion (0.02)
mandipropamid (0.02)
MCPA, MCPB and MCPA thioethyl
expressed (0.02)
mecarbam (0.02)
mepanipyrim (sum) (0.02)
mepronil (0.02)
mesosulfuron-methyl (0.02)
metaflumizone (0.1)
metamitron (0.02)
metconazole (0.02)
methabenzthiazuron (0.02)
methacrifos (0.02)
methamidophos (0.02)
methamidophos (0.01)
methidathion (0.02)
methiocarb (sum) (0.02)
methomyl (sum) (0.02)
methoxychlor (0.02)
metobromuron (0.02)
metolachlor (0.02)
metolcarb (0.02)
metosulam (0.02)
metoxuron (0.02)
metribuzin (0.1)
metsulfuron-methyl (0.1)

quinmerac (0.1)
Quinoclamine (0.02)
quinoxifen (0.02)
quintozene (sum) (0.02)
rimsulfuron (0.02)
rotenone (0.02)
spirodiclofen (0.02)
spiroxamine (0.02)
sulcotrione (0.1)
sum of butocarboxim and
butocarboxim sul (0.02)
tau-fluvalinate (0.02)
tebufenozide (0.02)
tebufenpyrad (0.02)
tebuthiuron (0.02)
tecnazene (0.02)
teflubenzuron (0.02)
tefluthrin (0.02)
terbufos (0.02)
Terbufos (sum not defintion) (0.02)
terbuthylazine (0.1)

tetrachlorvinphos (0.02)
tetraconazole (0.02)
tetradifon (0.02)
tetramethrin (0.02)
thiabendazole (0.1)
thiacloprid (0.02)
tolclofos-methyl (0.02)
tolfenpyrad (0.02)
tolyfluanid (sum) (0.02)
triallate (0.1)
triasulfuron (0.1)
triazamate (0.02)
triazophos (0.02)
triclopyr (0.1)
tricyclazole (0.02)
triflumizole (0.02)
triflumuron (0.02)
trifluralin (0.02)
triforine (0.1)
triticonazole (0.02)
vinclozolin (sum) (0.02)
zoxamide (0.02)

**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)
4333/2015	20/10/2015	Green Chillies	India	A & I Produce Ltd	Unit 11, Wholesale Fruit Centre, Bessemer Road, Cardiff CF11 8PD	None stated	Ruchi Exports Mumbai, India	imidacloprid 0.2 (MRL = 1)
3864/2015	03/02/2015	Chillies	India	A1 Veg	Birmingham Wholesale Market, Pershore Street, Birmingham B5 6UN	None stated	Evergreen AGRO 173, 1st Floor Sant Nagar, East of Kailash, New Delhi, India	acetamiprid 0.03 (MRL = 0.3) carbendazim 0.02 (MRL = 0.1*) chlorpyrifos 0.05 (MRL = 0.5) chlorantraniliprole 0.05 (MRL = 1) cypermethrin 0.1 (MRL = 0.5) imidacloprid 0.1 (MRL = 1) kresoxim-methyl 0.04 (MRL = 1) profenofos 0.5 (MRL = 0.01*) spiromesifen 0.1 (MRL = 0.5) thiophanate-methyl 0.08 (MRL = 0.1*)
4351/2015 Organic	25/08/2015	Chillies	UK	Abel Cole Ltd	72 Magellan Close, Walworth Industrial Estate, Andover SP10 5NT	None stated	Adrian Izzard Great Abingdon, Cambridge CB21 6AT	None were detected above the set RL
4059/2015	12/05/2015	Chillies	the Netherlands	Amwell Fruit Company	Unit X Tylers Cross Nursery, Epping Road, Nazeing, Waltham Abbey EN9 2DH	None stated	Gilad Produce BV Poortcamp 9C, 2675 Pt De Lier, Netherlands	None were detected above the set RL
3877/2015	17/03/2015	Picante Fino Rojo Chillies	Spain	Appleton Produce Ltd	Block B Wholesale Fruit & Vegetable market, Edge Lane, Liverpool L13 2EB	None stated	Hnos Escobar Reyes SL Ctra De La Moiontera 04716 Las Warias, Almeria	chlorantraniliprole 0.03 (MRL = 1)
4049/2015	02/06/2015	Chillies	India	Asda	Marsh Leys Farm, Woburn Road, Kempston MK43 9AB	None stated	Minor, Weir & Willis Ltd	None were detected above the set RL
3999/2015	13/04/2015	Green Chillies	Pakistan	Dhillon Farms Ltd	P3 Produce Hall, Western International	None stated	Nazin & Sons Plot No 4 Sommar Chatta	carbendazim 0.07 (MRL = 0.1*)

Sample ID	Date of Sampling	Description	Country of Origin	Retail Outlet	Address	Brand Name	Packer / Manufacturer	Pesticide residues found in mg/kg (MRL)
					Market Hayes Road, Southall UB2 5XJ		Gota, Karachi	thiophanate-methyl 0.2 (MRL = 0.1*)
4265/2015	02/06/2015	Chillies	Uganda	Dhillon Farms Ltd	Wholesale Market Precinct, Pershore Street, Birmingham B5 6UN	None stated	KK Foods Uganda	acetamiprid 0.04 (MRL = 0.3) lambda-cyhalothrin 0.05 (MRL = 0.1) thiamethoxam (sum) 0.03 (MRL = 0.7)
4237/2015	21/07/2015	Cayenne Chillies	Kenya	Dnata	Unit 1, 307 World Freight Terminal, Manchester Airport, Manchester M90 5PL	None stated	Jims Fresh Vegetable Grower & Exporters Ltd PO Box 47070-00200, Nairobi, Kenya	azoxystrobin 0.02 (MRL = 3)
4145/2015	18/05/2015	Serenade Chillies	Spain	DP Packing	Northgate, Spalding, Lincolnshire PE11 3SQ	None stated	Unica Adva De La Innovacion, Num 15 (Pitu) Pitagoras 2 Planta, Almeria , Spain	None were detected above the set RL
4146/2015	20/01/2015	Red Chilli Peppers	Egypt	DP Packing	Northgate, Pinchbeck, Spalding PE11 3SQ	None stated	Green Egypt 43 Sherif St, Cairo	bupirimate 0.07 (MRL = 2) clothianidin 0.05 (MRL = 0.05) thiamethoxam (sum) 0.1 (MRL = 0.7)
4342/2015	03/11/2015	Green Chillies	Spain	DP Packing	Northgate, Pinchbeck, Spalding PE11 3SQ	None stated	Unica Avda De La Innovacion IS(PITA) 15 ED Pitagoras 04139 Almeria, Spain	flutriafol 0.02 (MRL = 1)
4465/2015	01/12/2015	Red Chillies	UK	EH Booth	Chain Caul Way, Riverside Way, Preston PR2 2YL	None stated	Wealmoor Ltd Auriol Drive, Greenfold Park, Middlesex UB6 0TP	None were detected above the set RL
4001/2015	13/04/2015	Green Chillies	India	Exotica Superfruits Ltd	P69-70 Produce Hall, Western International Market Hayes Road, Southall UB2 5XJ	None stated	Kaybee Exports Cadbury Junction 605 Dev Company, Eastern Expressway, India	acetamiprid 0.07 (MRL = 0.3) bifenthrin 0.1 (MRL = 0.5) carbofuran (sum) 0.01 (MRL = 0.01*) ethion 0.05 (MRL = 0.01*) flonicamid (sum) 0.2 (MRL = 0.15) tebuconazole 0.1 (MRL = 0.6) thiamethoxam (sum) 0.05 (MRL = 0.7)

Sample ID	Date of Sampling	Description	Country of Origin	Retail Outlet	Address	Brand Name	Packer / Manufacturer	Pesticide residues found in mg/kg (MRL)
5116/2015	01/12/2015	Finger Chillies	Uganda	Fruity Fresh (Western) Ltd	P39 Produce Hall, Western International Market, Southall UB2 5XJ	None stated	KK Food Produce Exporters Plot 1567 Naalya, Kampala Uganda	None were detected above the set RL
3895/2015	17/02/2015	Cayenne Chillies	Egypt	J Blackburn Ltd	C15-17 New Smithfield Market, Whitworth Street East, Openshaw, Manchester M11 2WP	None stated	Queens Fresh Produce 12 El Fareek Mahmoud Shoukry St, Kobay, El Kouba, Cairo Egypt	chlorpyrifos 1.1 (MRL = 0.5) lambda-cyhalothrin 0.1 (MRL = 0.1) piperonyl butoxide 0.1 (No MRL) propiconazole 0.05 (MRL = 0.05*) profenofos 1.3 (MRL = 0.01*)
4097/2015	03/03/2015	Green Chillies	Morocco	J R Holland Produce LLP	N.E.W Fruit & Vegetable Market, Earlsway, TVTE Gateshead NE11 6RF	None stated	Manar Station Azro, ZI Ait Melloul, Agadir, Morocco	None were detected above the set RL
4099/2015	28/04/2015	Red Pointed Chillies	Morocco	J R Holland Produce LLP	N.E.W. Fruit & Vegetable Market, Earlsway, TVTE, Gateshead NE11 0RF	None stated	Carel Km 4.8 Route Sebt Ait Blougra, Agadir, Morocco	triadimefon & triadimenol 0.3 (MRL = 1)
4235/2015	12/05/2015	Cayenne Picante Roso	Spain	John Henshall Ltd.	D4/7 New Smithfield Market, Whitworth Street East, Openshaw, Manchester M11 2WP	None stated	Iberveg Frescover, La Molina 91 Las Norias De Daza, 04716 El Esido, Almeria Spain	triadimefon & triadimenol 0.03 (MRL = 1)
4441/2015	11/08/2015	Green Chillies	the Netherlands	London Fresh Ltd	C34-37 New Covent Garden Market, London SW8 5JJ	None stated	Gumbilo	methoxyfenozide 0.03 (MRL = 1)
3955/2015	27/01/2015	Red Chilli Peppers	Israel	Mack Markets Division	Wholesale Fruit Centre, Albert Crescent, St Philips Marsh, Bristol BS2 0YN	None stated	Arava Export Growers Dorzvika, Israel	spinosad 0.02 (MRL = 2)
3976/2015	03/06/2015	Green Chillies	the Netherlands	Mack Markets Division	40 Oriana Way, Nursling Industrial Estate, Southampton SO16 0YU	None stated	Gilad Produce BV Poortcamp 9C 2678 Pt De Lier	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)
3964/2015	14/04/2015	Green Chilli Peppers	India	Mack Markets Division	Wholesale Fruit Centre, Albert Crescent, St Phillips Marsh, Bristol BS2 0YH	None stated	Khushi International 602 Plot No 9/25 Ashthavinayak, Apartment Sec-26, Washi Navi, Mumbai	acephate 0.02 (MRL = 0.01*)
								acetamiprid 0.03 (MRL = 0.3)
								azoxystrobin 0.05 (MRL = 3)
								carbendazim 0.07 (MRL = 0.1*)
								chlorpyrifos 0.2 (MRL = 0.5)
								ethion 0.4 (MRL = 0.01*)
								imidacloprid 0.6 (MRL = 1)
								metalaxyl 0.2 (MRL = 0.5)
								spinosad 0.08 (MRL = 2)
							thiophanate-methyl 0.6 (MRL = 0.1*)	
3982/2015	20/01/2015	Cayenne Chilli Peppers	India	Maroc Veg Ltd	P60 Produce Hall, Western International Market, Hayes Road, Southall UB2 5XJ	None stated	Evenfresh (UK) Ltd Unit 5B Beaver Industrial Park, Brent Road, Southall UB2 5FB	difenoconazole 0.05 (MRL = 0.8)
								monocrotophos 0.3 (MRL = 0.01*)
								profenofos 0.4 (MRL = 0.01*)
								pendimethalin 0.02 (MRL = 0.05*)
5155/2015	01/12/2015	Red Chillies	Italy	P & P King & Co Ltd	St James's Market, Essex St, Bradford BD4 7PN	None stated	Gustavo Favita SAS Via Fontana III trav 4-84016, Pagani, Italy	None were detected above the set RL
4127/2015	02/06/2015	Chillies	India	Paul's Fruit & Veg	80 Commercial Square, Leicester LE2 7SR	None stated	Field Fresh Foods PVT Ltd C2 First Floor, Plot No. 18, Urtiyog Vihar, Phase 1V, Gurgaon, India	None were detected above the set RL
4130/2015	21/07/2015	Green Chillies	India	Paul's Fruit & Veg	80 Commercial Square, Leicester LE2 7SR	None stated	Field Fresh Foods PVT Ltd C2 First Floor, Plot No. 16, Udyog Vihar, Phase 1V, Gurgaon, 122015, India	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)
3925/2015	24/08/2015	Chillies	Italy	Peter Broughton Ltd	Wholesale Fruit Centre, Bessemer Road, Cardiff CF11 8BB	None stated	Primo Mattino Badatella SPA, Via Sommacampagna 63 D/E Italy	None were detected above the set RL
4057/2015	16/02/2015	Red Long Chillies	Spain	Reynolds Catering Supplies Ltd	National Distribution Centre, Britannia Road, Waltham Cross, Hertfordshire EN8 7RQ	None stated	Ejidomar Avenida Nicolas Salmeron 68, El Ejido, Spain	flutriafol 0.06 (MRL = 1) fludioxonil 0.1 (MRL = 1) metrafenone 0.1 (MRL = 2) triadimefon & triadimenol 0.04 (MRL = 1)
4402/2015	30/11/2015	Chillies	Spain	Reynolds Catering Supplies Ltd	National Distribution Centre, Britannia Road, Waltham Cross EN8 7RQ	None stated	Esidomar Avenida Nicolas Salmeros 68, El Esido, Spain	None were detected above the set RL
4024/2015	17/02/2015	Red Chilli Peppers	Israel	Rodanto Import Export	Springhead Enterprise Park, Northfleet, Gravesend DA11 8HN	None stated	Aviv Flowers Packing House Ltd Gesher Haer Street 27, Emer Hefer, Israel	flonicamid (sum) 0.2 (MRL = 0.15) iprodione 0.04 (MRL = 5)
3942/2015	14/04/2015	Finger Chillies	Gambia	Sainsburys	Sainsburys Distribution Centre, Pelton Road, Basingstoke RG21 6XW	Sainsburys	W07105 Radville, Gambia	None were detected above the set RL
4081/2015	16/02/2015	Scotch Bonnet Chillies	Senegal	Sainsburys	Wincanton, Nectar Way, Pineham Park, Swan Valley, Northampton NN4 9BX	Sainsburys	Barfoots Of Botley Ltd Sefter Farm, Paghams Road, Bognor Regis PO21 3PX	flonicamid (sum) 0.03 (MRL = 0.15)
4318/2015	06/07/2015	Red Chillies	UK	Sainsburys	Distribution Centre, Folly Brook Road, Emerald Park, Bristol BS16 7FQ	Sainsburys	Genovese Bedfordshire, UK	None were detected above the set RL
4329/2015	07/09/2015	Red Chillies	UK	Sainsburys	Distribution Centre, Folly Brook Road, Emerald Park, Bristol BS16 7AJ	Sainsburys	Genovese Bedfordshire, UK	None were detected above the set RL
4354/2015	17/11/2015	Finger Chillies	India	Sainsburys	Houndsmills, Basingstoke RG21 6XW	Sainsburys	Namdhari India	None were detected above the set RL
4407/2015	03/11/2015	Green Chillies	Jersey (UK)	Sainsburys	Nectar Way, Pineham Park, Northampton NN4 9BX	Sainsburys	Woodside Farms Trinity, Jersey JE3 5DU	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)
4248/2015	04/06/2015	Picante Rojo Chillies	Spain	SAVCO Ltd	Wholesale Market Edge lane, Liverpool L13 2EE	None stated	Pimento Picante Rojo Envasado Por BO4172862/001, Andalucia, Spain	imidacloprid 0.05 (MRL = 1) pymetrozine 0.04 (MRL = 3)
3935/2015	03/06/2015	Red Chillies	Kenya	Tesco	Canberra Road, Nursling Industrial Estate, Southampton SO16 0YA	Tesco	Tesco Stores Ltd Cheshunt, UK EN8 9SL	bupirimate 0.5 (MRL = 2) imidacloprid 0.09 (MRL = 1) lambda-cyhalothrin 0.06 (MRL = 0.1) spiromesifen 0.1 (MRL = 0.5)
4093/2015	03/02/2015	Red Chilli Peppers	Morocco	Thomas Baty Ltd	N.E.W. Fruit & Vegetable Market, Earlsway, TVTE, Gateshead NE11 0QY	None stated	Agafonte SARL Avenue Mohamed VI, Zone Industrielle Ait Melloul 80/50, Morocco	trifloxystrobin 0.2 (MRL = 0.3)
3868/2015	25/08/2015	Cayenne Chillies	Belgium	Total Produce Ltd.	D30-33 New Smithfield Market, Whitworth Street East, Openshaw, Manchester M11 2WP	None stated	Aroma Best Fesh Group, Belgium	None were detected above the set RL
3870/2015	17/03/2015	Cayenne Chillies	Morocco	Total Produce Ltd.	D30-33 New Smithfield Market, Whitworth Street East, Openshaw, Manchester M11 2WP	None stated	Akka Coop Cofima 7385C, Douar Ben Cheikhtemsia, Morocco	azoxystrobin 0.06 (MRL = 3) spiromesifen 0.08 (MRL = 0.5) triadimefon & triadimenol 0.4 (MRL = 1)
3962/2015	17/03/2015	Red Chillies	Spain	Total Produce Ltd.	Wholesale Fruit Centre, Albert Crescent, St Philips Marsh, Bristol BS2 0YN	None stated	Hnos Escobar Reyes SL Ctra De La Moiontera 261, 04716 Las Norias De Daza (Almeria) Andalucia, Soain	flutriafol 0.03 (MRL = 1) fludioxonil 0.03 (MRL = 1)
4133/2015	06/10/2015	Red Chillies	Spain	Total Produce Ltd.	Wholesale Fruit Market, Freemans Common, Aylestone Road, Leicester LE2 7SF	None stated	Primo Sat. Agroiris, Ctra Almerimar, Almeria, Spain	chlorantraniliprole 0.07 (MRL = 1) spirotetramat (sum) 0.03 (MRL = 2)
4469/2015	08/09/2015	Comet Chillies	the Netherlands	Total Produce Ltd.	Block B Wholesale Fruit & Veg Market, Edge Lane, Liverpool L13 2FE	None stated	Versland Selection BV PostBuss 2680 AA Monster	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)
3952/2015	12/05/2015	Scotch Bonnet Chillies	Spain	Waitrose	Doncaster Road, Southern Industrial Estate, Bracknell RG12 8YA	Waitrose	Waitrose Ltd Bracknell, Berkshire RG12 8YA	None were detected above the set RL
3997/2015	14/04/2015	Chillies	Ethiopia	Worldwide Exotics Ltd	C25-27 New Covent Garden Market, London SW8 5JJ	None stated	Luna Fruits PLC	None were detected above the set RL
4154/2015	25/08/2015	Green Serenade Chillies	Spain	DP Packing	Northgate, Pinchbeck, Spalding PE11 3SQ	None stated	Frutas Alhambra Cananeral, Granada, Spain	cyproconazole 0.02 (MRL = 0.05*)