



**Expert Committee on
Pesticide Residues in Food**

Broccoli

Pesticide Residues Monitoring Report 2015

This is an amalgamation of the quarterly reports

Introduction

We last surveyed broccoli in 2012. This year broccoli, which is also known as calabrese, was monitored across the EU as part of the EU co-ordinated multi-annual control programme.

We sampled and reported broccoli in every quarter of 2015.

A market research company bought the broccoli 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 November 2015
Number of samples	96 samples were tested for up to 339 pesticide residues
Origin of samples	<u>Fresh</u> <ul style="list-style-type: none">• 38 samples came from the UK• 55 samples came from the EU <u>Frozen</u> <ul style="list-style-type: none">• 2 samples came from the UK• 1 sample came from the EU
Residues found	65 samples contained no residues from those sought 31 samples contained residues above the reporting level None of the samples contained residues above the MRL 17 samples were labelled as organic. None contained residues from those sought
Multiple residues	13 samples contained residues of more than one pesticide <ul style="list-style-type: none">• 6 samples contained 2 residues• 6 samples contained 3 residues• 1 sample contained 4 residues

Risk assessments

Number of risk assessments	The laboratory detected 14 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	<p>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.</p> <p>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.</p>

Table a. Residues detected in retail samples of BROCCOLI purchased between January and November 2015

Commodity/Pesticide	Concentration range (mg/kg)	Number of samples in range
BROCCOLI, FRESH UK: 38 samples analysed		
azoxystrobin (MRL = 5)	<0.01 (i.e. not found) 0.2	37 1
boscalid (MRL = 5)	<0.01 (i.e. not found) 0.01 - 0.08	35 3
cypermethrin (MRL = 1)	<0.01 (i.e. not found) 0.01	37 1
difenoconazole (MRL = 1)	<0.01 (i.e. not found) 0.08	37 1
iprodione (MRL = 25)	<0.01 (i.e. not found) 0.02, 0.5	36 2
propamocarb (MRL = 3)	<0.01 (i.e. not found) 0.01 - 0.02	35 3
pyraclostrobin (MRL = 0.1)	<0.01 (i.e. not found) 0.01, 0.02	36 2
BROCCOLI, FROZEN UK: 2 samples analysed		
None found	-	2
BROCCOLI, FRESH Imported (EC): 55 samples analysed		
azoxystrobin (MRL = 5)	<0.01 (i.e. not found) 0.04 - 0.2	52 3
boscalid (MRL = 5)	<0.01 (i.e. not found) 0.08	54 1
chlorantraniliprole (MRL = 1)	<0.01 (i.e. not found) 0.03, 0.04	53 2
chlorothalonil (MRL = 0.01*) (MRL = 5) (MRL = 0.01*)	<0.01 (i.e. not found) 0.01 0.03 - 0.4 0.02	45 1 8 1
cypermethrin (MRL = 1)	<0.01 (i.e. not found) 0.01, 0.02	53 2
difenoconazole (MRL = 1)	<0.01 (i.e. not found) 0.01 - 0.1	50 5
fluazifop-p-butyl (sum) (MRL = 0.2)	<0.01 (i.e. not found) 0.02 - 0.2	51 4
fluopicolide (MRL = 2)	<0.01 (i.e. not found) 0.01	54 1
imidacloprid (MRL = 0.5)	<0.01 (i.e. not found) 0.01, 0.03	53 2
iprodione (MRL = 25)	<0.01 (i.e. not found) 0.5 - 1.4	52 3
metalaxyl	<0.01 (i.e. not found)	54

Commodity/Pesticide	Concentration range (mg/kg)	Number of samples in range
(MRL = 0.2)	0.03	1
propamocarb (MRL = 3)	<0.01 (i.e. not found) 0.01, 0.1	53 2
pyraclostrobin (MRL = 0.1)	<0.01 (i.e. not found) 0.01	54 1
thiamethoxam (sum) (MRL = 0.2)	<0.01 (i.e. not found) 0.01, 0.02	53 2
BROCCOLI, FROZEN Imported (EC): 1 sample analysed		
None found	-	1

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

Imported (EC) samples of broccoli were from Ireland (3), Italy (1), Spain (50), the Netherlands (2).
UK samples of broccoli (40).

Residues were distributed by country of origin, as follows:

azoxystrobin	Spain (3), UK (1)
boscalid	Spain (1), UK (3)
chlorothalonil	Spain (10)
chlorantraniliprole	Spain (2)
cypermethrin	Spain (2), UK (1)
difenoconazole	Spain (5), UK (1)
fluopicolide	Spain (1)
fluazifop-p-butyl (sum)	Spain (4)
imidacloprid	Spain (2)
iprodione	Spain (3), UK (2)
metalaxyl	Spain (1)
propamocarb	Spain (2), UK (3)
pyraclostrobin	Spain (1), UK (2)
thiamethoxam (sum)	Spain (2)

No residues were found in 29 of the 38 UK fresh samples

No residues were found in any of the UK frozen samples

No residues were found in 33 of the 55 Imported (EC) fresh samples

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

Table b. Residues detected in retail samples of BROCCOLI purchased between January and November 2015

Residues (1-4 compounds) were found in 31 of the 96 samples as follows:

Number of residues	Sample ID	Type of BROCCOLI	Residues found (mg/kg)														Country of origin
			AZOX	BOS	CLN	CTP	CYP	DIFC	FPC	FZPBS	IMI	IPR	MTX	PCB	PYC	THMSM	
(1)	0066/2015	FRESH	-	-	-	-	-	-	-	-	-	-	-	0.01	-	-	UK
	1145/2015	FRESH	-	-	-	-	-	-	-	-	-	-	-	0.02	-	-	UK
	1621/2015	FRESH	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	UK
	2262/2015	FRESH	-	-	-	-	-	-	-	-	-	0.02	-	-	-	-	UK
	3013/2015	FRESH	-	-	-	-	-	-	-	-	-	-	-	0.02	-	-	UK
	3476/2015	FRESH	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	UK
	0047/2015	FRESH	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	Spain
	0049/2015	FRESH	-	-	-	-	-	-	-	0.1	-	-	-	-	-	-	Spain
	0345/2015	FRESH	-	-	-	-	-	-	-	-	-	-	-	0.01	-	-	Spain
	0378/2015	FRESH	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	Spain
	0427/2015	FRESH	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	Spain
	0453/2015	FRESH	-	-	0.3	-	-	-	-	-	-	-	-	-	-	-	Spain
	0757/2015	FRESH	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	Spain
	0858/2015	FRESH	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	Spain
	1579/2015	FRESH	-	-	-	-	-	-	-	-	0.03	-	-	-	-	-	Spain
	1620/2015	FRESH	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	Spain
1668/2015	FRESH	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	Spain	
2483/2015	FRESH	-	-	-	-	-	-	0.02	-	-	-	-	-	-	-	Spain	
(2)	1367/2015	FRESH	-	0.08	-	-	-	-	-	-	-	-	-	-	0.02	-	UK
	3477/2015	FRESH	-	0.06	-	-	-	-	-	-	-	-	-	-	0.01	-	UK
	0367/2015	FRESH	-	-	0.04	-	-	0.01	-	-	-	-	-	-	-	-	Spain
	0853/2015	FRESH	-	-	-	-	0.01	-	-	-	-	-	-	-	-	0.02	Spain
	2390/2015	FRESH	0.04	-	-	-	0.02	-	-	-	-	-	-	-	-	-	Spain
	2811/2015	FRESH	-	-	0.06	-	-	-	-	-	-	-	0.03	-	-	-	Spain
(3)	1056/2015	FRESH	0.2	-	-	-	-	0.08	-	-	-	0.5	-	-	-	-	UK
	0133/2015	FRESH	-	0.08	0.04	-	-	-	-	-	-	-	-	-	0.01	-	Spain
	0807/2015	FRESH	-	-	-	0.04	-	-	-	0.2	0.01	-	-	-	-	-	Spain
	1551/2015	FRESH	-	-	0.4	-	-	-	0.01	-	-	-	-	0.1	-	-	Spain
	3499/2015	FRESH	-	-	-	-	-	0.07	-	0.02	-	0.5	-	-	-	-	Spain
	5783/2015	FRESH	0.2	-	-	-	-	0.08	-	-	-	1.4	-	-	-	-	Spain
(4)	5850/2015	FRESH	0.1	-	-	-	-	0.1	-	0.04	-	1	-	-	-	-	Spain

The abbreviations used for the pesticide names are as follows:

AZOX	azoxystrobin	BOS	boscalid	CLN	chlorothalonil
CTP	chlorantraniliprole	CYP	cypermethrin	DIFC	difenoconazole
FPC	fluopicolide	FZPBS	fluazifop-p-butyl (sum)	IMI	imidacloprid
IPR	iprodione	MTX	metalaxyl	PCB	propamocarb
PYC	pyraclostrobin	THMSM	thiamethoxam (sum)		

Table c. Residues sought but not found in retail samples of BROCCOLI purchased between January and November 2015

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

2,4-D (sum) (0.02)	fenamidone (0.01)	oxadiazon (0.01)
2,4-DB (0.01)	fenamiphos (sum) (0.01)	oxadixyl (0.01)
2-phenylphenol (0.01)	fenarimol (0.01)	oxamyl (0.01)
abamectin (sum) (0.01)	fenazaquin (0.01)	oxasulfuron (0.01)
acephate (0.01)	fenbuconazole (0.01)	oxydemeton-methyl (sum) (0.01)
acetamiprid (0.01)	fenbutatin oxide (0.01)	oxyfluorfen (0.01)
acetochlor (0.01)	fenhexamid (0.01)	paclobutrazol (0.01)
aclonifen (0.01)	fenitrothion (0.01)	parathion (0.01)
acrinathrin (0.01)	fenoxycarb (0.01)	parathion-methyl (sum) (0.01)
aldicarb (sum) (0.01)	fenpropathrin (0.01)	penconazole (0.01)
aldrin and dieldrin (0.01)	fenpropidin (0.01)	pencycuron (0.01)
allethrin (0.01)	fenpropimorph (0.01)	pendimethalin (0.01)
alpha-HCH (0.01)	fenpyroximate (0.01)	penthiopyrad (0.01)
ametoctradin (0.01)	fenthion (partial sum) (0.01)	permethrin (0.01)
aminocarb (0.01)	fenthion (sum) (0.01)	phenmedipham (0.01)
amitraz (0.01)	fenvalerate & esfenvalerate (all isomers) (0.01)	phenthoate (0.01)
atrazine (0.01)	fipronil (sum) (0.01)	phorate (sum) (0.02)
azinphos-ethyl (0.01)	flonicamid (sum) (0.01)	phosalone (0.01)
azinphos-methyl (0.01)	fluazinam (0.01)	phosmet (sum) (0.01)
BAC (sum) (0.01)	flubendiamide (0.01)	phosphamidon (0.01)
benalaxyl (0.01)	flucythrinate (0.01)	phoxim (0.01)
bendiocarb (0.01)	fludioxonil (0.01)	picolinafen (0.01)
benfuracarb (0.01)	flufenacet (0.01)	picoxystrobin (0.01)
benthiavalicarb (sum) (0.01)	flufenoxuron (0.01)	piperonyl butoxide (0.01)
beta-HCH (0.01)	fluometuron (0.01)	pirimicarb (sum) (0.01)
bifenthrin (0.01)	fluopyram (0.01)	pirimiphos-ethyl (0.01)
biphenyl (0.01)	fluoxastrobil (0.01)	pirimiphos-methyl (0.01)
bitertanol (0.05)	fluquinconazole (0.01)	prochloraz (parent only) (0.01)
bromopropylate (0.01)	flusilazole (0.01)	Prochloraz (sum) (0.01)
bromoxynil (0.01)	flutolanil (0.01)	procymidone (0.01)
bromuconazole (0.01)	flutriafol (0.01)	profenofos (0.01)
bupirimate (0.01)	fluxapyroxad (0.01)	promecarb (0.01)
buprofezin (0.01)	folpet (0.01)	prometryn (0.01)
butocarboxim (parent) (0.01)	fonofos (0.01)	propaquizafop (0.01)
butoxycarboxim (0.01)	formetanate (0.01)	propargite (0.01)
cadusafos (0.01)	formothion (0.01)	propetamphos (0.01)
captan (0.01)	fosthiazate (0.01)	propham (0.01)
carbaryl (0.01)	furalaxyl (0.01)	propiconazole (0.01)
carbendazim (0.01)	furathiocarb (0.01)	propoxur (0.01)
carbofuran (sum) (0.01)	halofenozide (0.01)	propyzamide (0.01)
carbosulfan (0.01)	halosulfuron-methyl (0.01)	proquinazid (0.01)
carboxin (0.01)	haloxyfop (sum) (0.01)	prosulfocarb (0.01)
chlorbufam (0.01)	Haloxifop-R methyl (0.01)	prothioconazole (0.01)
chlordan (sum) (0.01)	Heptachlor (sum) (0.01)	prothiofos (0.01)
chlorfenapyr (0.01)	heptenophos (0.01)	pymetrozine (0.01)
chlorfenvinphos (0.01)	hexachlorobenzene (0.01)	pyrazophos (0.01)
chlorfluazuron (0.01)	hexachlorocyclohexane (sum) (0.01)	pyrethrins (0.01)
chloridazon (0.01)	hexaconazole (0.01)	pyridaben (0.01)
chlorobenzilate (0.01)	hexaflumuron (0.01)	pyridaphenthion (0.01)
chlorotoluron (0.01)	hexazinone (0.01)	pyrifenox (0.01)
chlorpropham (sum) (0.05)	hexythiazox (0.01)	pyrimethanil (0.01)
chlorpyrifos (0.01)	imazalil (0.01)	pyriproxifen (0.01)
chlorpyrifos-methyl (0.01)	indoxacarb (0.01)	pyroxsulam (0.01)
chlorthal-dimethyl (0.01)	ioxynil (0.01)	quassia (0.01)
chlozolinate (0.01)	iprovalicarb (0.01)	quinalphos (0.01)
clethodim (0.01)	isazophos (0.01)	Quinoclamine (0.01)
clofentezine (0.01)	isocarbophos (0.01)	quinoxifen (0.01)
clomazone (0.01)	isofenphos (0.01)	quintozene (sum) (0.01)
clothianidin (0.01)	isofenphos-methyl (0.01)	Quizalofop, incl. quizalofop-P (0.01)
coumaphos (0.01)	isoprocab (0.01)	rotenone (0.01)

crufomate (0.01)
cyanazine (0.01)
cyazofamid (0.01)
cycloxydim (0.01)
cyflufenamid (0.01)
cyfluthrin (0.01)
cyhalofop-butyl (sum) (0.01)

cymoxanil (0.01)
cyproconazole (0.01)
cyprodinil (0.01)
cyromazine (0.01)
DDAC (sum) (0.01)
DDT (sum) (0.01)
deltamethrin (0.01)
desmedipham (0.01)
diazinon (0.01)
dichlofluanid (0.01)
dichlorvos (0.01)
diclobutrazol (0.01)
dicloran (0.01)
dicofol (sum) (0.02)
dicrotophos (0.01)
diethofencarb (0.01)
diflubenzuron (0.01)
diflufenican (0.01)
dimethoate (sum) (0.01)
dimethomorph (0.01)
dimoxystrobin (0.01)
diniconazole (0.01)
dinocap (0.01)
diphenylamine (0.05)
disulfoton (sum) (0.01)
dithianon (0.01)
diuron (0.01)
dodine (0.05)
emamectin benzoate (0.01)
endosulfan (sum) (0.01)
endrin (0.01)
EPN (0.01)
epoxiconazole (0.01)
ethiofencarb (parent) (0.01)
ethion (0.01)
ethirimol (0.01)
ethofumesate (0.01)
ethoprophos (0.01)
etofenprox (0.01)
etoxazole (0.01)
etrimfos (0.01)
famoxadone (0.01)

isoprothiolane (0.01)
isoproturon (0.01)
isopyrazam (0.01)
isoxaben (0.01)
isoxaflutole (0.01)
kresoxim-methyl (0.01)
lambda-cyhalothrin (0.01)

lenacil (0.01)
lindane (0.01)
linuron (0.01)
lufenuron (0.01)
malathion (0.01)
mandipropamid (0.01)
MCPA (sum) (0.01)
mecarbam (0.01)
mepanipyrim (sum) (0.01)
mepronil (0.01)
meptyldinocap (0.01)
metaflumizone (0.01)
metamitron (0.01)
metazachlor (0.01)
metconazole (0.02)
methabenzthiazuron (0.01)
methacrifos (0.01)
methamidophos (0.01)
methidathion (0.01)
methiocarb (sum) (0.01)
methomyl (sum) (0.01)
methoxychlor (0.01)
methoxyfenozide (0.01)
metobromuron (0.01)
metolachlor (0.01)
metolcarb (0.01)
metoxuron (0.01)
metrafenone (0.01)
metribuzin (0.01)
mevinphos (0.01)
molinate (0.01)
monocrotophos (0.01)
monolinuron (0.01)
Monuron (0.01)
myclobutanil (0.01)
napropamide (0.01)
nitenpyram (0.01)
nitrothal-isopropyl (0.01)
nuarimol (0.01)
ofurace (0.01)
Oxadiazyl (0.01)

simazine (0.01)
spinosad (0.01)
spirodiclofen (0.01)
spiromesifen (0.01)
spirotetramat (sum) (0.01)
spiroxamine (0.01)
sum of butocarboxim and
butocarboxim sul (0.01)
tau-fluvalinate (0.01)
tebuconazole (0.01)
tebufenozide (0.01)
tebufenpyrad (0.01)
tebuthiuron (0.01)
tecnazene (0.01)
teflubenzuron (0.01)
tefluthrin (0.01)
terbufos (0.01)
Terbufos (sum not defintion) (0.01)
terbumeton (0.01)
terbuthylazine (0.01)
terbutryn (0.01)
tetrachlorvinphos (0.01)
tetraconazole (0.01)
tetradifon (0.01)
tetramethrin (0.01)
thiabendazole (0.01)
thiacloprid (0.01)
thiophanate-methyl (0.01)
tolclofos-methyl (0.01)
tolfenpyrad (0.01)
tolyfluanid (sum) (0.01)
triadimefon & triadimenol (0.01)
triallate (0.01)
triasulfuron (0.01)
triazamate (0.01)
triazamate (acid) (0.01)
triazamate (ester) (0.01)
triazophos (0.01)
trichlorfon (0.01)
triclopyr (0.05)
tricyclazole (0.01)
trifloxystrobin (0.01)
triflumuron (0.01)
trifluralin (0.01)
triforine (0.05)
triticonazole (0.01)
tritosulfuron (0.01)
vinclozolin (sum) (0.01)
zoxamide (0.01)

**Brand Name Annex
January to November 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)
Fresh								
0046/2015	02/02/2015	Broccoli	Spain	Aldi	70 Wellhall Road, Hamilton ML3 9BY	Wood Farm	Aldi Stores PO Box 26, Atherstone, Warwickshire CV9 2SH	None were detected above the set RL
1714/2015	11/05/2015	Naxor Broccoli	Spain	Aldi	Hines Road, Ipswich IP3 9BG	Wood Farm	Aldi Stores Ltd PO Box 26, Atherstone, Warwickshire CV9 2SH	None were detected above the set RL
2605/2015	13/04/2015	Parthenon Broccoli	Spain	Aldi	Alphington Road, Exeter EX2 8HG	Wood Farm	Aldi Stores Ltd PO Box 26, Atherstone, Warwickshire CV9 2SH	None were detected above the set RL
0043/2015	13/04/2015	Broccoli	Spain	Asda	Palace Grounds Road, Hamilton ML3 6AD	Asda	Asda Stores Ltd Asda House, Great Wilson Street, Leeds LS11 5AD	None were detected above the set RL
0134/2015	02/02/2015	Broccoli	Spain	Asda	Holles Street, Grimsby DN32 9DL	Asda	Asda Stores Ltd Asda House, Great Wilson Street, Leeds LS11 5AD	None were detected above the set RL
0159/2015	13/04/2015	Broccoli	Spain	Asda	Holles Street, Grimsby DN32 9DL	Asda	Asda Stores Ltd Asda House, Great Wilson Street, Leeds LS11 5AD	None were detected above the set RL
0427/2015	17/01/2015	Broccoli	Spain	Asda	1 Ring Road, Coleraine, Northern Ireland BT52 1QP			thiamethoxam (sum) 0.01 (MRL = 0.2)
0901/2015	06/07/2015	Broccoli	UK	Asda	Creech Barrow Road, Taunton TA1 2AN	Asda	Asda Stores Ltd Asda House, Great Wilson Street, Leeds LS11 5AD	None were detected above the set RL
1055/2015	05/10/2015	Broccoli	Ireland	Asda	1 Ring Road, Coleraine BT52 1QP	Asda	Asda Stores Ltd Asda House, Great Wilson Street, Leeds LS11 5AD	None were detected above the set RL
1056/2015	05/10/2015	Broccoli	Northern	Asda	1 Ring Road,			azoxystrobin 0.2 (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)
			Ireland (UK)		Coleraine BT52 1QP			difenoconazole 0.08 (MRL = 1) iprodisone 0.5 (MRL = 25)
1144/2015	07/09/2015	British Broccoli	UK	Asda	Whitehouse Industrial Estate, Goddard Road, Ipswich IP1 5PD	Asda	Asda Stores Ltd Asda House, Great Wilson Street, Leeds LS11 5AD	None were detected above the set RL
1212/2015	07/09/2015	Broccoli	UK	Asda	Reigate Road, Burgh Heath KT20 5NR	Asda	Asda Stores Ltd Asda House, Great Wilson Street, Leeds LS11 5AD	None were detected above the set RL
1214/2015	07/09/2015	Broccoli	UK	Asda	Reigate Road, Burgh Heath KT20 5NR			None were detected above the set RL
2262/2015	30/11/2015	Broccoli	UK	Asda	Belvedere Road, Lowestoft NR33 0TX			iprodisone 0.02 (MRL = 25)
2483/2015	29/11/2015	Broccoli	Spain	Asda	89-105 Main Street, Bangor BT20 4SD	Asda	Asda Stores Ltd Asda House, Great Wilson Street, Leeds LS11 5AD	difenoconazole 0.02 (MRL = 1)
2661/2015	10/05/2015	Broccoli	Spain	Asda	1 Ring Road, Coleraine, N Ireland BT52 1QP	Asda	Asda Stores Ltd Asda House, Great Wilson Street, Leeds LS11 5AD	None were detected above the set RL
3012/2015	07/09/2015	Broccoli	UK	Asda	Orbital Shopping Park, Thamesdown Drive, Haydon SN25 4BG			None were detected above the set RL
3163/2015	06/09/2015	Broccoli	Ireland	Asda	89-105 Main Street, Bangor BT20 4SD	Asda	Asda Stores Ltd Asda House, Great Wilson Street, Leeds LS11 5AD	None were detected above the set RL
5682/2015	30/11/2015	Broccoli	Spain	Asda	Holles Street, Grimsby DN32 9DL	Asda	Asda Stores Ltd Asda House, Great Wilson Street, Leeds LS11 5AD	None were detected above the set RL
1494/2015	01/06/2015	Broccoli	Spain	Asda	Prince Regent Road, Hounslow TW3 1JT	Asda	Asda Stores Ltd Asda House, Great Wilson Street, Leeds LS11 5AD	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)
3013/2015	07/09/2015	British Broccoli	UK	Asda	Orbital Shopping Park, Thamesdown Drive, Haydon SN25 4BG	Asda	Asda Stores Ltd Asda House, Great Wilson Street, Leeds LS11 5AD	propamocarb 0.02 (MRL = 3)
2062/2015	02/11/2015	Broccoli	UK	Chris's Fruit & Veg	773 Woodbridge Road, Ipswich IP4 4NE			None were detected above the set RL
0853/2015	01/06/2015	Ice Broccoli	Spain	Fresh Fruit Shop	59 Main Street, Uddingston G71 7EP			cypermethrin 0.01 (MRL = 1) thiamethoxam (sum) 0.02 (MRL = 0.2)
2039/2015	02/11/2015	Broccoli	UK	Fruitgrove	6 Grove Corner, Great Bookham, Surrey KT23 4LP			None were detected above the set RL
2390/2015	15/11/2015	Broccoli	Spain	Iceland	The Olive Bank Retail Park, Musselburgh, Edinburgh EH21 6RF	Iceland	Iceland Foods Ltd Second Avenue, Deeside Industrial Park, Deeside, Clwyd CH5 2NW	azoxystrobin 0.04 (MRL = 5) cypermethrin 0.02 (MRL = 1)
2466/2015	05/10/2015	British Broccoli	UK	Lidl Store	Alphington Road, Exeter EX2 8JB	Oaklands	Lidl UK GmbH 19 Worplesdon Road, Worplesdon, London SW19 4JS	None were detected above the set RL
2921/2015	12/04/2015	Broccoli Crown	Spain	Marks & Spencer	Bloomfield Centre, Bangor BT19 7HB	M & S	Marks & Spencer PLC PO Box 3339 CH99 9QS	None were detected above the set RL
3476/2015	05/10/2015	Scottish Broccoli Crown	Scotland (UK)	Marks & Spencer	49 Regent Way, Hamilton ML3 7EL	Simply M&S	Marks & Spencer Plc PO Box 3339, Chester CH99 9QS	boscalid 0.01 (MRL = 5)
1620/2015	01/06/2015	Broccoli	Spain	Mayfields Fruit & Veg	356A Pinhoe Road, Exeter EX4 8AJ			chlorothalonil 0.01 (MRL = 5)
0068/2015	10/08/2015	Broccoli	UK	Morrisons	Hilmore Road, Laceby, Grimsby DN37 7SQ	Morrisons	Wm Morrison Supermarkets PLC Gain Lane, Bradford BD3 7DL	None were detected above the set RL
0111/2015 Organic	02/03/2015	Organic broccoli	Spain	Morrisons	Dorcan House Site, Eldene Drive SN3 3TX	Morrisons	Wm Morrison Supermarkets PLC Gain Lane, Bradford BD3 7DL	None were detected above the set RL
0756/2015	01/06/2015	Broccoli	Spain	Morrisons	18 Tower Road, Lowestoft NR33 7NG			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)
1145/2015	07/09/2015	Broccoli	UK	Morrisons	Sproughton Road, Ipswich IP1 5AH	Morrisons	Wm Morrison Supermarkets PLC Gain Lane, Bradford BD3 7DL	propamocarb 0.02 (MRL = 3)
1727/2015	06/07/2015	Broccoli	UK	Morrisons	Sproughton Road, Ipswich IP1 5DH	Morrisons	Wm Morrison Supermarkets PLC Gain Lane, Bradford BD3 7DL	None were detected above the set RL
3193/2015	05/10/2015	Broccoli	UK	Morrisons	Peto Way, Lowestoft NR32 2ED	Morrisons	Wm Morrison Supermarkets Plc Gain Lane, Bradford BD3 7DL	None were detected above the set RL
3194/2015	05/10/2015	Broccoli	UK	Morrisons	Tower Road, Lowestoft NR33 7NG	Morrisons	Wm Morrison Supermarkets Plc Gain Lane, Bradford BD3 7DL	None were detected above the set RL
0049/2015	02/02/2015	Broccoli	Spain	Morrisons	Tower Road, Lowestoft NR33 7NG	Morrisons	Wm Morrison Supermarkets PLC Gain Lane, Bradford BD3 7DL	fluazifop-p-butyl (sum) 0.1 (MRL = 0.2)
0083/2015 Organic	02/02/2015	Organic Broccoli	Spain	Morrisons	Tower Road, Lowestoft NR33 7NG	Morrisons	Wm Morrison Supermarkets PLC Gain Lane, Bradford BD3 7DL	None were detected above the set RL
0345/2015	19/01/2015	Broccoli	Spain	Morrisons	Dorcan Way, Swindon SN3 3TX	Morrisons	Wm Morrison Supermarkets PLC Gain Lane, Bradford BD3 7DL	propamocarb 0.01 (MRL = 3)
1621/2015	01/06/2015	Iced English Broccoli	UK	Richards Greengrocers & Florists	64 Fore Street, Topsham EX3 0HL			cypermethrin 0.01 (MRL = 1)
0011/2015 Organic	31/01/2015	Organic Broccoli	Spain	Sainsbury's	10 Balloo Link, Bangor BT19 7HJ	Sainsbury's	Sainsbury's Supermarkets Ltd 33 Holborn, London EC1N 2HT	None were detected above the set RL
0066/2015	10/08/2015	British Broccoli	UK	Sainsbury's	Corporation Road, Grimsby DN31 1UF	Sainsbury's	Sainsbury's Supermarkets Ltd 33 Holborn, London EC1N 2HT	propamocarb 0.01 (MRL = 3)

Sample ID	Date of Sampling	Description	Country of Origin	Retail Outlet	Address	Brand Name	Packer / Manufacturer	Pesticide residues found in mg/kg (MRL)
0367/2015	02/02/2015	Broccoli	Spain	Sainsbury's	1 Hill Barton Road, Exeter EX1 3PF	Sainsbury's	Sainsbury's Supermarkets Ltd 33 Holborn, London EC1N 2HT	chlorothalonil 0.04 (MRL = 5) difenoconazole 0.01 (MRL = 1)
0401/2015	19/01/2015	Broccoli	Spain	Sainsbury's	Bridgeway, Cobham KT11 1HW	Sainsbury's	Sainsbury's Supermarkets Ltd 33 Holborn, London EC1N 2HT	None were detected above the set RL
0421/2015 Organic	02/03/2015	Organic Broccoli	Spain	Sainsbury's	Bridgeway, Cobham KT11 1HW	Sainsbury's	Sainsbury's Supermarkets Ltd 33 Holborn, London EC1N 2HT	None were detected above the set RL
0494/2015 Organic	02/03/2015	Organic broccoli	Spain	Sainsbury's	Cameron Toll Shopping Centre, 6 Lady Road, Edinburgh EH16 5PB	Sainsbury's	Sainsbury's Supermarkets Ltd 33 Holborn, London EC1N 2HT	None were detected above the set RL
0557/2015	07/09/2015	British Broccoli	UK	Sainsbury's	Bittercote Drive, Bonehill, Tamworth B78 3HD	Sainsbury's	Sainsbury's Supermarkets Ltd 33 Holborn, London EC1N 2HT	None were detected above the set RL
0560/2015 Organic	07/09/2015	Organic Broccoli	UK	Sainsbury's	Bittercote Drive, Bonehill, Tamworth B78 3HD	Sainsbury's	Sainsbury's Supermarkets Ltd 33 Holborn, London EC1N 2HT	None were detected above the set RL
0838/2015	08/08/2015	British Broccoli	UK	Sainsbury's	Hollywood Exchange, 302 Airport Road West, Hollywood BT3 9EJ	Sainsbury's	Sainsbury's Supermarkets Ltd 33 Holborn, London EC1N 2HT	None were detected above the set RL
0858/2015	01/06/2015	Broccoli	Spain	Sainsbury's	Kirk Street, Strathaven ML10 6BA	Sainsbury's	Sainsbury's Supermarkets Ltd 33 Holborn, London EC1N 2HT	chlorantraniliprole 0.03 (MRL = 1)
0883/2015	06/07/2015	British Broccoli	UK	Sainsbury's	5 Douglas Park Lane, Hamilton ML3 0DF	Sainsbury's	Sainsbury's Supermarkets Ltd 33 Holborn, London EC1N 2HT	None were detected above the set RL
1367/2015	05/10/2015	British Broccoli	UK	Sainsbury's	Corporation Road, Grimsby DN31 1UF	Sainsbury's	Sainsbury's Supermarkets Ltd 33 Holborn, London EC1N 2HT	boscalid 0.08 (MRL = 5) pyraclostrobin 0.02 (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)
2465/2015	05/10/2015	Broccoli	UK	Sainsbury's	Alphington Road, Exeter EX2 8NH			None were detected above the set RL
2989/2015	11/05/2015	Broccoli	Spain	Sainsbury's	Ashworth Road, Bridgemoor, Swindon SN5 7AA	Sainsbury's	Sainsbury's Supermarkets Ltd 33 Holborn, London EC1N 2HT	None were detected above the set RL
3164/2015 Organic	06/09/2015	Organic Broccoli	UK	Sainsbury's	10 Balloo Link, Bangor BT19 7HJ	Sainsbury's	Sainsbury's Supermarkets Ltd 33 Holborn, London EC1N 2HT	None were detected above the set RL
3477/2015	05/10/2015	British Broccoli	Scotland (UK)	Sainsbury's	5 Douglas Park Lane, Hamilton ML3 0DF	Sainsbury's	Sainsbury's Supermarkets Ltd 33 Holborn, London EC1N 2HT	boscalid 0.06 (MRL = 5) pyraclostrobin 0.01 (MRL = 0.1)
0807/2015	01/06/2015	Broccoli	Spain	Sainsbury's	Hollywood Exchange, 302 Airport Road West, Belfast BT3 9EJ	Sainsbury's	Sainsbury's Supermarkets Ltd 33 Holborn, London EC1N 2HT	chlorantraniliprole 0.04 (MRL = 1) fluazifop-p-butyl (sum) 0.2 (MRL = 0.2) imidacloprid 0.01 (MRL = 0.5)
0420/2015 Organic	02/03/2015	Organic broccoli	Spain	Tesco	Oxshott Road, Leatherhead KT22 0EF	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt EN8 9SL	None were detected above the set RL
0757/2015	01/06/2015	Broccoli	Spain	Tesco	Leisure Way, Lowestoft, Suffolk NR32 4LZ	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt EN8 9SL	chlorothalonil 0.02 (MRL = 5)
0775/2015	10/08/2015	British Broccoli	UK	Tesco	Leisure Way, Lowestoft NR32 4TZ	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt EN8 9SL	None were detected above the set RL
0806/2015	01/06/2015	Broccoli	Spain	Tesco	Springhill Killeen Avenue, Bangor, North Down BT19 1ND	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt 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)
1035/2015	06/07/2015	Broccoli	Ireland	Tesco	2 Banfield Road, Coleraine BT52 1HU	Tesco	Tesco Ireland Ltd Gresham House, Marine Road, Dun Laoghaire, Co Dublin	None were detected above the set RL
1551/2015	11/05/2015	Broccoli	Spain	Tesco	Oxshott Road, Leatherhead KT22 0EF	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt EN8 9SL	chlorothalonil 0.4 (MRL = 5) fluopicolide 0.01 (MRL = 2) propamocarb 0.1 (MRL = 3)
1562/2015 Organic	06/07/2015	Organic Broccoli	Holland (the Netherlands)	Tesco	Oxshott Road, Leatherhead KT22 0EF	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt EN8 9SL	None were detected above the set RL
1563/2015	06/07/2015	British Broccoli	UK	Tesco	Oxshott Road, Leatherhead KT22 0EF	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt EN8 9SL	None were detected above the set RL
2811/2015	13/04/2015	Broccoli	Spain	Tesco	Leisure Way, Lowestoft, Suffolk NR32 4TZ	Tesco		chlorothalonil 0.06 (MRL = 5) metalaxyl 0.03 (MRL = 0.2)
2920/2015	12/04/2015	Broccoli	Spain	Tesco	Springhill, Killeen Avenue, Bangor, North Down BT19 1ND	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt EN8 9SL	None were detected above the set RL
3278/2015 Organic	10/08/2015	Organic Broccoli	UK	Tesco	Osterley Park, Syon Lane, Isleworth TW7 5NZ	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt EN8 9SL	None were detected above the set RL
3499/2015	30/11/2015	Broccoli	Spain	Tesco	12 North Road, Bellshill ML4 1EN	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt EN8 9SL	difenoconazole 0.07 (MRL = 1) fluazifop-p-butyl (sum) 0.02 (MRL = 0.2) iprodione 0.5 (MRL = 25)
5850/2015	30/11/2015	Broccoli	Spain	Tesco	1 Ash Hill Drive, Pinner HA5 2AG	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt EN8 9SL	azoxystrobin 0.1 (MRL = 5) difenoconazole 0.1 (MRL = 1) fluazifop-p-butyl (sum) 0.04 (MRL = 0.2) iprodione 1 (MRL = 25)
5851/2015 Organic	30/11/2015	Organic Broccoli	Spain	Tesco	1 Ash Hill Drive, Pinner HA5 2AG	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt 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)
0012/2015	02/02/2015	Broccoli	Spain	Tesco	Springhill Superstore, Killeen Avenue, Bangor BT19 1ND	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt EN8 9SL	None were detected above the set RL
0047/2015	02/02/2015	Broccoli	Spain	Tesco	12 North Road, Bellshill ML4 1EN	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt EN8 9SL	chlorothalonil 0.05 (MRL = 5)
0453/2015	19/01/2015	Broccoli	Spain	Tesco	76 Duke Street, Edinburgh EH6 8HL	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt EN8 9SL	chlorothalonil 0.3 (MRL = 5)
1093/2015 Organic	07/09/2015	Organic Broccoli	UK	Tesco	Olive Bank Road, Musselburgh EH21 7BL	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt EN8 9SL	None were detected above the set RL
1668/2015	11/05/2015	Broccoli	Spain	Tesco	76 Duke Street, Edinburgh EH6 8HL	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt EN8 9SL	chlorothalonil 0.1 (MRL = 5)
3271/2015	07/09/2015	British Broccoli	Scotland (UK)	Tesco	Olive Bank Road, Musselburgh EH21 7BL	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt EN8 9SL	None were detected above the set RL
0133/2015	02/02/2015	Broccoli	Spain	Tesco Extra	Market Street, Grimsby DN31 1QS	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt EN8 9SL	boscalid 0.08 (MRL = 5) chlorothalonil 0.04 (MRL = 5) pyraclostrobin 0.01 (MRL = 0.1)
0378/2015	19/01/2015	Broccoli	Spain	Tesco Extra	Anson Road, Ipswich IP5 3RU	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt EN8 9SL	chlorothalonil 0.03 (MRL = 5)
0396/2015 Organic	02/03/2015	Organic broccoli	Spain	Tesco Extra	Anson Road, Martlesham Heath, Ipswich, Suffolk IP5 3RU	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt EN8 9SL	None were detected above the set RL
1368/2015	05/10/2015	British Broccoli	UK	Tesco Extra	Market Street, Grimsby DN31 1QS	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt 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)
3250/2015 Organic	09/08/2015	Organic Broccoli	Holland (the Netherlands)	Tesco Extra	Olive Bank Road, Musselburgh, Edinburgh EH21 7BL	Tesco	Tesco New Tesco House, Delamare Road, Cheshunt EN8 9SL	None were detected above the set RL
5783/2015	30/11/2015	Broccoli	Spain	Tesco Extra	Exeter Vale Shopping Centre, Russell Way, Exeter, Devon EX2 7EZ	Tesco	Tesco Stores Ltd New Tesco House, Delamare Road, Cheshunt EN8 9SL	azoxystrobin 0.2 (MRL = 5) difenoconazole 0.08 (MRL = 1) iprodione 1.4 (MRL = 25)
2140/2015	20/10/2015	Broccoli	UK	Tesco Metro	St Peter's Street, St Albans AL1 3DU			None were detected above the set RL
1579/2015	11/05/2015	Broccoli	Spain	The Co-operative	The Bridge, Lincoln Road, Newark NG24 2DQ	The Co-operative	Co-operative Group Ltd 1 Angel Square, Manchester M60 0AG	imidacloprid 0.03 (MRL = 0.5)
0004/2015	31/01/2015	Broccoli	Spain	The Co-operative food	88/90 North End Road, Fulham SW6 1NJ	The Co-operative	The Co-operative Group 1 Angel Square, Manchester M60 0AG	None were detected above the set RL
2239/2015	02/11/2015	Broccoli	UK	The Market Garden	16 Dyer Street, Cirencester GL7 2PF			None were detected above the set RL
2271/2015	02/11/2015	Broccoli	Northern Ireland (UK)	The Salad Bowl	6 Queen Street, Coleraine BT52 1BE			None were detected above the set RL
0467/2015 Organic	01/03/2015	Organic Broccoli	Italy	Waitrose	Ossington Way, Newark NG24 1FF	Waitrose DUCHY	Waitrose Limited Bracknell, Berkshire RG12 8YA	None were detected above the set RL
0470/2015	19/01/2015	Broccoli	Spain	Waitrose	Ossington Way, Newark NG24 1FF	Waitrose	Waitrose Limited Bracknell, Berkshire RG12 8YA	None were detected above the set RL
1592/2015 Organic	05/07/2015	Organic Broccoli	UK	Waitrose	Ossington Way, Newark NG24 1FF	Waitrose	Waitrose Limited Bracknell, Berkshire RG12 8YA	None were detected above the set RL
2768/2015	27/04/2015	Broccoli	Spain	Waitrose	402 North End Road, Fulham, London SW6 1LU	Waitrose	Waitrose Limited Bracknell, Berkshire RG12 8YA	None were detected above the set RL
1082/2015 Organic	10/08/2015	Organic Broccoli	UK	Waitrose	Sheep Street, Cirencester G29 1SZ	Waitrose	Waitrose Limited Bracknell, Berkshire RG12 8YA	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)
Frozen								
2096/2015	01/11/2015	Broccoli	Spain	Asda	Lombard Street, Newark NG24 1XG	Asda	Asda Stores Ltd Asda House, Great Wilson Street, Leeds LS11 5AD	None were detected above the set RL
0368/2015	02/02/2015	Broccoli	UK	Sainsbury's	1 Hill Barton Road, Exeter EX1 3PF	Sainsbury's	Sainsbury's Supermarkets Ltd 33 Holborn, London EC1N 2HT	None were detected above the set RL
1613/2015	05/07/2015	Broccoli	UK	Waitrose	Ossington Way, Newark NG24 1FF	Waitrose	Waitrose Limited Bracknell, Berkshire RG12 8YA	None were detected above the set RL