



COMMISSION OF THE EUROPEAN COMMUNITIES

ANNEX 1 TO THE COMMISSION STAFF WORKING DOCUMENT

Monitoring of Pesticide Residues

in Products of Plant Origin

in the European Union, Norway, Iceland and Liechtenstein

2006

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Table A: List of all detectable substances

The table lists all substances analysed for in surveillance samples of fruit and vegetables. It specifies, where they were detected in one to four samples (1-4), or in five or more samples (>4). Substances are listed according to their residue definition in the EC-Directives or, for those not covered by EC-Directives, in the national legislation, e.g. "endosulfan" refers to " α -endosulfan", " β -endosulfan" and "endosulfan-sulphate".

1,2-dibromoethane	
1-naphthylacetic acid	1-4
2,3,5,6-TCA	
2,3,5-trimethacarb	
2,3,6-TBA	
2,4,5-T	1-4
2,4,6-tribromanisol	
2,4-D	>4
2,4-DB	
2,6-dichlorobenzamide	
2,6-dichloro-cresol	
2-chlorethanol, total	
2-phenylphenol (orthophenylphenol)	>4
3,4,5-trimethacarb	
3-ketocarbofuran	
4-CPA	1-4
abamectin, sum	>4
acephate	>4
acetamiprid	>4
acetochlor	
acibenzolar	
acibenzolar-S-methyl	1-4
acifluorfen	
aclonifen	>4
acrinathrin	>4
alachlor	1-4
alanycarb	
aldicarb, sum	>4
aldimorph	
aldrin	1-4
allethrin	
allidochlor	
alloydim-sodium	
alodan	
alpha-cypermethrin (alphamethrin)	>4
ametryn	
amidithion	
amidosulfuron	
aminocarb	

amitraz, total	1-4
amitrole (aminotriazol)	
ancymidol	
anilazine	1-4
antraquinone	
aspon	
asulam	
atraton	
atrazine	1-4
azaconazole	
azamethiphos	
azimsulfuron	
azinphos-ethyl	1-4
azinphos-methyl	>4
aziprotryne	
azocyclotin	
azolamide	
azoxystrobin	>4
barban	
beflubutamid	
benalaxyl	>4
benazolin	
bendiocarb, sum	
benfluralin	>4
benfuracarb	
benfuresate	
benodanil	
bensulfuron	
bensulide	
bensultap	
bentazone	
benthiavalicarb-isopropyl	
benzoximate	
benzoylprop	
benzthiazuron	
beta-cyfluthrin	1-4
beta-cypermethrin	
bifenazate	
bifenox	
bifenthrin	>4

binapacryl	>4
bioallethrin	
biphenyl	>4
bitertanol	>4
boscalid (nicobifen)	>4
bromacil	1-4
bromfenvinphos	
bromfenvinphos-methyl	
bromide, total	>4
bromocyclen	
bromofenoxim	
bromophos	1-4
bromophos-methyl	
bromopropylate	>4
bromoxynil	
bromoxynil octanoate	
bromoxynil phenol	
bromoxynil-methyl-ether	
bromoxynil-octanoate	
brompyrazon	
bromuconazole	
bufencarb	
bupirimate	>4
buprofenzin	>4
butocarboxim sulfon	
butocarboxim, sum	
butoxycarboxim	
butralin	
buturon	
butylate	
cadusafos	>4
camphechlor (toxaphen)	
captafol	>4
captan	>4
captan/folpet, sum	>4
carbanolate	
carbaryl	>4
carbendazim, sum	>4
carbetamide	1-4
carbofuran, sum	>4

carbophenothion	1-4
carbosulfan	>4
carboxin	
carfentrazone-ethyl	
carpropamid	
cekafix	
chinomethionat	>4
chloranil	
chlorbenseide	
chlorbenseide sulfon	
chlorbenzilate	
chlorbromuron	1-4
chlorbufam	
chlordane, sum (a-/g-)	1-4
chlordane, sum(a-/g- /oxy-)	
chlordecone	>4
chlordene, alpha-	
chlordene, gamma-	
chlordimeform	
chlorfenapyr	>4
chlorfenethol	
chlorfenprop	
chlorfenson	>4
chlorfenvinphos	>4
chlorfluazuron	1-4
chlorflurenol	
chlorflurenol, total	
chloridazon	>4
chlormephos	
chlormequat	>4
chloroaniline(3-)	
chlorobenzilate	1-4
chloroneb	
chloropropylate	
chlorothalonil	>4
chloroxuron	
chlorpropham	>4
chlorpyrifos	>4
chlorpyrifos-methyl	>4
chlorsulfuron	
chlorthal	1-4
chlorthal-dimethyl	>4
chlorthiamid	
chlorthion	
chlorthiophos	
chlorthiophos-sulfone	
chlortoluron	1-4
chlozolate	1-4
chromafenozide	
cinidon-ethyl	1-4
cinosulfuron	

cis-nonachlor	
cis-permethrin	
clethodim	
clethodim-imin-sulfon	
clethodim-sulfoxid	1-4
clodinafop-propagyl	1-4
cloethocarb	
clofentezine	>4
clomazone	1-4
clopyralid	
cloquintocet-methyl	1-4
cloquintocet-mexyl	
clothianidin	>4
copper compounds	>4
coumachlor	
coumaphos	
crimidine	
crotoxyfos	
crufomate	
cyanazine	
cyanofenphos	
cyanophos	
cyazofamid	>4
cycloate	
cycloxydim	
cycluron	
cyflufenamid	
cyfluthrin, sum	>4
cyhalofop-butyl	
cyhalothrin	>4
cyhexatin, sum	>4
cymiazol	
cymoxanil	>4
cypermethrin, total	>4
cyphenothrin	
cyprazine	
cyproconazole	>4
cyprodinil	>4
cyprofuram	
cyromazine	>4
cythioate	
dalapon	
daled	
daminozide, sum	1-4
danifos	
dazomet	
DDMU	
DDT, sum	>4
deltamethrin	>4
demeton-O	
demeton-O-methyl	1-4
demeton-S	

demeton-S-methyl	1-4
demeton-S-methyl- sulfone	
desethylatrazin	
desisopropylatrazin	
desmedipham	1-4
desmetryn	
diafenthiuron	1-4
dialifos	
diallate	
diazinon	>4
dicamba	
dichlobenil (dichlorobenil)	>4
dichlofenthion (dichlorfenthion)	
dichlofluanid	>4
dichlone	
dichloran	1-4
dichlormid	
dichlorophenone	1-4
dichlorprop	1-4
dichlorvos	>4
diclobutrazol	1-4
diclofop	
dicloran	>4
dicofol	>4
dicrotophos	1-4
dieldrin, sum	>4
diethyl-ethyl	
diethofencarb	>4
difenoconazole	>4
difenoxuron	
difenzoquat	
difenzoquat methylsulfate	
diflovidazin	>4
diflubenzuron	>4
diflufenican	1-4
dikegulac	
dimefox	
dimefuron	
dimethachlor	
dimethametryn	
dimethenamid	1-4
dimethenamid-p	
dimethipin	
dimethirimol	
dimethoate, sum	>4
dimethomorph	>4
dimethylvinphos (E)	
dimethylvinphos (Z)	

dimetilan	
dimoxystrobin	
diniconazole	>4
dinitramine	
dinobuton	
dinocap	1-4
dinoseb, sum	
dinoterb	
dioxabenzofos	
dioxacarb	
dioxathion	>4
diphenamid	
diphenyl sulfone	
diphenylamine	>4
dipropetryn	
dipropylisocinchomeron at	
diquat	>4
disulfoton, sum	1-4
ditalimfos	1-4
dithianon	>4
dithofencarb	>4
diuron	>4
DMSA	
DNOC	
dodemorph	
dodine	>4
doxacarb	
edifenphos	1-4
endosulfan, sum	>4
endosulfandioli	
endothal	
endrin, sum	
endrin-aldehyd	
EPN	>4
epoxiconazole	>4
EPTC	
esfenvalerate	>4
etacelasil	
etaconazole	
ethalfuralin	
ethephon	1-4
ethidimuron	
ethiofencarb, sum	>4
ethion	>4
ethiprole	
ethirimol	>4
ethoate-methyl	
ethofumesate	>4
ethoprophos	>4
ethoxyquin	>4
etofenprox	>4

etoxazole	1-4
etridiazole	>4
etrimfos	1-4
famophos	
famoxadone	>4
famphur	
fenamidone	1-4
fenamiphos, sum	>4
fenarimol	>4
fenazaflor	
fenazaquin	>4
fenazox	
fenbuconazole	>4
fenbutatin oxide	>4
fenchlorazole	
fenchlorphos, sum	1-4
fenfuram	
fenhexamid	>4
fenitrothion	>4
fenobucarb	1-4
fenoprop	
fenothiocarb	
fenoxaprop	
fenoxaprop-p	
fenoxaprop-p-ethyl	
fenoxycarb	>4
fenpiclonil	>4
fenpropathrin	>4
fenpropidin	>4
fenpropimorph	>4
fenpyroximate	>4
fenson	1-4
fensulfothion	1-4
fenthion, sum	>4
fentin	
fentin acetate	
fentin hydroxide	
fenuron	
fenvalerate, total	>4
fenvalerate/esfenvalerate RR&SS	>4
fenvalerate/esfenvalerate RS&SR	>4
fipronil	>4
flampropisopropyl	
flamprop-methyl	
flazasulfuron	
flonicamid	1-4
florasulam	
fluaazifop after hydrolysis	>4
fluaazifop, total	>4

fluaazifop-p-butyl	1-4
fluazinam	1-4
fluaazolate	
fluaazuron	
flubenzimine	
fluchloralin	
flucycloxiuron	
flucythrinate	>4
fludioxonil	>4
flufenacet fluthiamid	1-4
flufenoxuron	>4
flumethrin	
flumetralin	
flumioxazin	
fluometuron	
fluorochloridone	1-4
fluorodifen	
fluoroglycofen	
fluotrimazole	
fluoxastrobin	
flupyrsulfuron	1-4
flupyrsulfuron-methyl	
fluquinconazole	>4
flurecol-butyl	
flurenol	
flurochloridone	
fluroxypyr	1-4
fluroxypyr-meptyl	
flurprimidol	
flurtamone	
flusilazole	>4
flusulfamide	
flutolanil	>4
flutriafol	>4
fluvalinate	>4
folpet	>4
fonofos	
forchlorfenuron	
formetanate	>4
formothion	
fosetyl-aluminium (phosethyl-aluminium)	>4
fosmethilan	
fosthiazate	
fuveridazole	1-4
furalaxyl	1-4
furathiocarb	
furmecycloxi	
genite	
gibberellic acid	1-4
glufosinate	
glufosinate-ammonium	

glyphosate	1-4
glyphosate-trimesium	
halacrinat	
halfenprox (brofenprox)	
halofenozide	>4
haloxyfop	>4
haloxyfop methyl ester	
haloxyfop-etotyl	
haloxyfop-R, total	
HCH, sum (a-/b-/d-/e-)	>4
heptachlor, sum	1-4
heptachloroepoxide	>4
heptenophos	1-4
hexachlorobenzene	>4
hexaconazole	>4
hexaflumuron	>4
hexazinone	
hexythiazox	>4
hymexazol	
imazalil	>4
imazamethabenz	
imazamox	
imazapyr	
imazaquin	1-4
imazosulfuron	
imibenconazol	
imidacloprid	>4
indoxacarb	>4
inorganic bromide	>4
iodofenphos	
iodosulfuron-methyl	
ioxynil	
ioxynil octanoate	
iprobefos	
iprodone	>4
iprovalicarb	>4
isazofos	
isobenzan	
isocarbamid	
isocarbophos	>4
isodrin	
isofenphos, sum	>4
isofenphos-methyl	>4
isomethiozin	
isoprocarb	1-4
isopropalin	
isoprothiolane	
isoproturon	>4
isoxaben	1-4
isoxadifen	
isoxadifen-ethyl	
isoxaflutole	

isoxathion	
kresoxim-methyl	>4
lambda-cyhalothrin	>4
landrin	
lenacil	1-4
leptophos	
lindane	>4
linuron	>4
lufenuron	>4
malathion/malaoxon, sum	>4
maleic hydrazide	>4
maneb group	>4
MCPA	>4
MCPB	
mecarbam	>4
mecoprop	1-4
mefenacet	
mefenpyr-diethyl	
mefluidide	
mepanipyrim	>4
mephosfolan	
mepiquat	>4
mepronil	>4
merphos	
mesotrione	
metalaxyl	>4
metalaxyl-M	
metam (-sodium)	
metamitron	>4
metazachlor	
metconazole	1-4
methabenzthiazuron	>4
methacrifos	
methamidophos	>4
methazole	
methfuroxam	
methidathion	>4
methiocarb, sum	>4
methomyl, sum	>4
methoprotryne	
methoxychlor	1-4
methoxyfenozide	>4
methyl isothiocyanate	
metobromuron	>4
metolachlor	1-4
metolcarb	1-4
metominostrobin	
metosulam	1-4
metoxuron	
metrafenone	>4
metribuzin	>4

metsulfuron-methyl	
mevinphos	>4
milbemectin	
mirex	1-4
molinate	
monalide	
monocrotophos	>4
monolinuron	1-4
monuron	
myclobutanil	>4
naled	
naphthylacetic acid	>4
napropamide	>4
naptalam	
neburon	
nicosulfuron	
nicotine	1-4
nitenpyram	>4
nitralin	>4
nitrapyrin	
nitrofen	
nitrotal-isopropyl	1-4
nitrothal	
norflurazon, sum	
novaluron	1-4
nuarimol	>4
o,p-dichlorbenzophenon	
ofurace	>4
orbencarb	
oryzalin	
oxabetrinil	
oxadiargyl	
oxadiazon	1-4
oxadixyl	>4
oxamyl	>4
oxamyl-oxim	1-4
oxasulfuron	
oxycarboxine	
oxychlorane	
oxydemeton-methyl, sum	>4
oxydisulfoton	1-4
oxyfluorfen	1-4
p,p'-dichlorbenzophenone (4,4-dichlorbenzophenon)	>4
paclobutrazol	1-4
paraquat	
parathion, sum	>4
parathion-methyl, sum	>4
pebulate	

penconazole	>4
pencycuron	>4
pendimethalin	>4
penfluron	1-4
pentachloraniline	>4
pentachloranisole	
pentachlorbenzen	
pentachlorophenol	
pentachlorothioanisol	
pentanochlor	
permethrin	>4
perthane	
pethoxamid	
phenkapton	
phenmedipham	>4
phenothiazine	
phenothrin	
phenthoate	1-4
phorate, sum	1-4
phosalone	>4
phosfolan	
phosmet	>4
phosmetoxon	
phosphamidon	>4
phosphine (hydrogen phosphide)	>4
phoxim	
picloram	
picolinafen	
picoxystrobin	
piperonyl butoxide	>4
pirimicarb, sum	>4
pirimiphos-ethyl	1-4
pirimiphos-methyl	>4
plifenate	
polychlorinated terpenes	
potasan	
prallethrin	
pretilachlor	
prochloraz	>4
procymidone	>4
profenofos	1-4
profluralin	
profoxydim clefoxydim	
prohexadione-calcium	
promecarb	>4
prometon	
prometryn	>4
propachlor	
propafos	
propamocarb	>4
propanil	

propaquizafop	
propargite	>4
propazine	
propetamphos	
propham	1-4
propiconazole	>4
propoxur	>4
propoxycarbazone	
propyzamide	>4
prosulfocarb	1-4
prosulfuron	
prothioconazole	
prothiofos	>4
prothoate	
pymetrozine	>4
pyracarbolide	
pyraclofos	
pyraclostrobin	>4
pyraflufen	
pyraflufen-ethyl	
pyrazophos	>4
pyrethrins	>4
pyridaben	>4
pyridafenthion	1-4
pyridate, sum	>4
pyrifenoxy	>4
pyrimethanil	>4
pyrimidifen	
pyriproxyfen	>4
pyroquilon	
quassia	
quinalphos	>4
quinclorac	
quinmerac	1-4
quinoclamine	
quinoxifen	>4
quintozene	>4
quizalofop	>4
quizalofop-ethyl	
rabenzazole	
resmethrin	1-4
rimsulfuron	
rotenone	>4
S 421	
sebuthylazine	
sebumeton	
sethoxydim	
silaflofen	
silthiopham	
simazine	1-4
simetryn	
spinosad	>4

spirodiclofen	>4
spiromesifen	>4
spiroxamine	>4
sulfallate	
Sulfentrazone	
sulfosulfuron	
sulfotep	
sulphur	>4
sulprofos	
tau-fluvalinate	>4
TCMTB	
tebuconazole (terbuconazole)	>4
tebufenozide	>4
tebufenpyrad	>4
tebupirimphos	
tebutam	
tebuthiuron	
tecnazene (TCNB)	1-4
teflubenzuron	>4
tefluthrin	1-4
temephos	
TEPP	
tepraloxymid	
terbacil	
terbufos, sum	1-4
terbumeton	
terbutylazine	>4
terbutryn	1-4
terbutylazine, desethyl-	>4
tetrachlorvinphos	1-4
tetraconazole	>4
tetradifon	>4
tetrahydrophthalimide	
tetramethrin	>4
tetrasul	1-4
thiabendazole (TBZ)	>4
thiacloprid	>4
thiamethoxam	>4
thiazopyr	
thifensulfuron-methyl	
thiobencarb	1-4
thiocyclam	>4
thiodicarb	
thiofanox, sum	>4
thiometon	
thionazin	
thiophanate-methyl	>4
thiram	
tiocarbazil	
tolclofos-methyl	>4
tolyfluanid	>4

tralkoxydim	
tralomethrin	
transfluthrin	
trans-nonachlor	
trans-permethrin	
triadimefon/triadimenol, sum	>4
triallate	1-4
triamiphos	
triapenthenol	
triasulfuron	
triazamate	
triazophos	>4
triazoxide	
tribenuron	

tribromophenol	
tribufos	
tributylphosphate	
trichlophenidin	
trichlorfon	>4
trichloronat	
triclopyr	>4
tricyclazole	
tridemorph	
trietazine	
trifenmorph	
trifloxystrobin	>4
triflumizole	>4
triflumuron	>4
trifluralin	>4

triflusulfuron	
triforine	1-4
trimethacarb, sum	
trinexapac	
triticonazole	1-4
uniconazole	
vamidothion, sum	1-4
vamidothion-sulfon	
vernolate	
vinclozolin, total	>4
warfarin	
XMC	
zeta-cypermethrin	
zoxamide	>4

Table B: Overall results of the national (incl. EU co-ordinated) monitoring programmes

Data for pesticide residues on fresh (incl. frozen) fruit, vegetables and cereals, sum of surveillance and enforcement samples. The results including processed products are shown in the last row of the table. See explanation about the differences in monitoring results by country under chapter 4.1 of the report.

	No. of samples analysed	No. of pesticides analysed for #	No. of different pesticides found #	% found from sought	No. of samples without detectable residues	%	No. of samples with residues below or at MRL (national or EC MRLs)	%	No. of samples with residues above MRL (national or EC MRLs)	%	No. of samples with confirmed residues above EC-MRLs	%
BE	1398	307	113	36.8	556	40	722	52	120	8.6	57	4.1
CZ	906	141	53	37.6	600	66	298	33	8	0.9	4	0.4
DK	1847	171	82	48.0	994	54	794	43	59	3.2	58	3.1
DE	15372	683	311	45.5	5496	36	8941	58	935	6.1	410	2.7
EE	436	197	61	31.0	261	60	166	38	9	2.1	9	2.1
EL	2435	142	48	33.8	2044	84	369	15	22	0.9	21	0.9
ES	4481	390	122	31.3	2788	62	1502	34	191	4.3	138	3.1
FR	4536	279	115	41.2	2350	52	1892	42	294	6.5	161	3.5
IE	1100	153	63	41.2	569	52	498	45	33	3.0	33	3.0
IT	7329	332	123	37.0	5225	71	2039	28	65	0.9	58	0.8
CY	305	144	44	30.6	176	58	103	34	26	8.5	23	7.5
LV	88	54	12	22.2	63	72	25	28	0	0.0	0	0.0
LT	456	210	37	17.6	338	74	108	24	10	2.2	10	2.2
LU	89	55	13	23.6	64	72	25	28	0	0.0	0	0.0
HU	3367	203	104	51.2	1568	47	1732	51	67	2.0	54	1.6
MT	47	161	4	2.5	41	87	5	11	1	2.1	1	2.1
NL	3088	385	149	38.7	1105	36	1661	54	322	10.4	210	6.8
AT	1921	293	128	43.7	824	43	950	49	147	7.7	43	2.2
PL	1247	95	38	40.0	995	80	211	17	41	3.3	38	3.0
PT	616	142	38	26.8	468	76	112	18	36	5.8	31	5.0
SI	1247	162	90	55.6	628	50	588	47	31	2.5	20	1.6
SK	1156	138	74	53.6	648	56	418	36	90	7.8	19	1.6
FI	1597	236	103	43.6	698	44	790	49	109	6.8	87	5.4
SE	1401	273	101	37.0	587	42	743	53	71	5.1	65	4.6
UK	2237	175	77	44.0	1060	47	1098	49	79	3.5	78	3.5
NO	1452	213	99	46.5	809	56	567	39	76	5.2	76	5.2
IS	300	45	27	60.0	175	58	114	38	11	3.7	11	3.7
LI	23	69	5	7.2	17	74	6	26	0	0.0	0	0.0
TOTAL	60477	209 (Average)	80 (Average)	38.2 (Av.)	31147	51.5	26477	43.8	2853	4.7	1715	2.8
Total incl. processed	65810				35494	53.9	27424	41.7	2892	4.4	1737	2.6

Figures for pesticides sought and found relate to fruit and vegetables only.

Table C: Fresh (incl. frozen) fruit and vegetables, surveillance sampling: results of the national (incl. EU co-ordinated) monitoring programmes

The results including processed products are shown in the last row of the table.

	No. of samples analysed	No. of pesticides analysed for	No. of different pesticides found	% found from sought	No. of samples without detectable residues	%	No. of samples with residues below or at MRL (national or EC MRLs)	%	No. of samples with residues above MRL (national or EC MRLs)	%	No. of samples with confirmed residues above EC-MRLs	%
BE	1359	307	113	36.8	533	39	706	52	120	8.8	57	4.2
CZ	832	141	53	37.6	527	63	297	36	8	1.0	4	0.5
DK	1613	171	82	48.0	792	49	762	47	59	3.7	58	3.6
DE	14324	683	311	45.5	5035	35	8398	59	891	6.2	390	2.7
EE	418	197	61	31.0	244	58	165	39	9	2.2	9	2.2
EL	2270	142	48	33.8	1892	83	359	16	19	0.8	19	0.8
ES	4077	390	122	31.3	2441	60	1457	36	179	4.4	128	3.1
FR	3468	279	115	41.2	1929	56	1332	38	207	6.0	104	3.0
IE	824	153	63	41.2	358	43	440	53	26	3.2	26	3.2
IT	6822	332	123	37.0	4773	70	1984	29	65	1.0	58	0.9
CY	279	144	44	30.6	159	57	94	34	26	9.3	23	8.2
LV	78	54	12	22.2	58	74	20	26	0	0.0	0	0.0
LT	287	210	37	17.6	202	70	79	28	6	2.1	6	2.1
LU	74	55	13	23.6	49	66	25	34	0	0.0	0	0.0
HU	3298	203	104	51.2	1523	46	1713	52	62	1.9	49	1.5
MT	47	161	4	2.5	41	87	5	11	1	2.1	1	2.1
NL	2977	385	149	38.7	1051	35	1611	54	315	10.6	208	7.0
AT	1895	293	128	43.7	801	42	947	50	147	7.8	43	2.3
PL	1062	95	38	40.0	826	78	196	18	40	3.8	37	3.5
PT	566	142	38	26.8	437	77	97	17	32	5.7	27	4.8
SI	1165	162	90	55.6	560	48	574	49	31	2.7	20	1.7
SK	1060	138	74	53.6	584	55	388	37	88	8.3	18	1.7
FI	1375	236	103	43.6	620	45	695	51	60	4.4	52	3.8
SE	1120	273	101	37.0	395	35	666	59	59	5.3	55	4.9
UK	1791	175	77	44.0	887	50	845	47	59	3.3	58	3.2
NO	1345	213	99	46.5	745	55	533	40	67	5.0	67	5.0
IS	300	45	27	60.0	175	58	114	38	11	3.7	11	3.7
LI	21	69	5	7.2	15	71	6	29	0	0.0	0	0.0
TOTAL	54747	209 (Average)	80 (Average)	38.2 (Av.)	27652	50.5	24508	44.8	2587	4.7	1528	2.8
Total incl. processed	60062				31984	53.3	25452	42.4	2626	4.4	1550	2.6

Table D: Cereals, surveillance sampling: results of the national (incl. EU co-ordinated) monitoring programmes

	No. of samples analysed	No. of pesticides analysed for	No. of different pesticides found	% found from sought	No. of samples without detectable residues	%	No. of samples with residues below or at MRL (national or EC MRLs)	%	No. of samples with residues above MRL (national or EC MRLs)	%	No. of samples with confirmed residues above EC-MRLs	%
BE	39	40	4	10.0	23	59	16	41	0	0.0	0	0.0
CZ	74	138	1	0.7	73	99	1	1	0	0.0	0	0.0
DK	234	117	6	5.1	202	86	32	14	0	0.0	0	0.0
DE	508	652	29	4.4	283	56	224	44	1	0.2	1	0.2
EE	18	88	1	1.1	17	94	1	6	0	0.0	0	0.0
EL	129	65	3	4.6	123	95	6	5	0	0.0	0	0.0
ES	346	256	8	3.1	323	93	18	5	5	1.4	4	1.2
FR	255	221	10	4.5	160	63	94	37	1	0.4	1	0.4
IE	45	152	10	6.6	27	60	13	29	5	11.1	5	11.1
IT	507	268	10	3.7	452	89	55	11	0	0.0	0	0.0
CY	26	117	2	1.7	17	65	9	35	0	0.0	0	0.0
LV	10	53	1	1.9	5	50	5	50	0	0.0	0	0.0
LT	49	210	4	1.9	47	96	1	2	1	2.0	1	2.0
LU	15	55	0	0.0	15	100	0	0	0	0.0	0	0.0
HU	69	116	6	5.2	45	65	19	28	5	7.2	5	7.2
MT	0	0	0	0.0	0	0	0	0	0	0	0	0
NL	71	384	12	3.1	39	55	29	41	3	4.2	2	2.8
AT	26	293	4	1.4	23	88	3	12	0	0.0	0	0.0
PL	151	71	7	9.9	139	92	12	8	0	0.0	0	0.0
PT	42	141	3	2.1	28	67	14	33	0	0.0	0	0.0
SI	77	152	5	3.3	68	88	9	12	0	0.0	0	0.0
SK	95	135	9	6.7	64	67	30	32	1	1.1	1	1.1
FI	121	178	6	3.4	75	62	44	36	2	1.7	2	1.7
SE	238	45	11	24.4	182	76	56	24	0	0.0	0	0.0
UK	404	56	9	16.1	159	39	245	61	0	0.0	0	0.0
NO	94	146	9	6.2	61	65	32	34	1	1.1	1	1.1
IS	0	0	0	0.0	0	0	0	0	0	0	0	0
LI	2	69	0	0.0	2	100	0	0	0	0.0	0	0.0
TOTAL	3645	151 (Average)	6 (Av.)	4 (Av.)	2652	72.8	968	26.6	25	0.7	23	0.6

Table E: Fresh (incl. frozen) fruit and vegetables, enforcement sampling: results of the national (incl. EU co-ordinated) monitoring programmes

	No. of samples analysed	No. of samples without detectable residues	%	No. of samples with residues below or at MRL (national or EC MRLs)	%	No. of samples with residues above MRL (national or EC MRLs)	%	No. of samples with confirmed residues above EC-MRLs	%
BE	0	0	0	0	0	0	0	0	0
CZ	0	0	0	0	0	0	0	0	0
DK	0	0	0	0	0	0	0	0	0
DE	535	176	33	316	59	43	8	19	4
EE	0	0	0	0	0	0	0	0	0
EL	33	26	79	4	12	3	9	2	6
ES	56	22	39	27	48	7	13	6	11
FR	811	260	32	465	57	86	11	56	7
IE	13	4	31	7	54	2	15	2	15
IT	0	0	0	0	0	0	0	0	0
CY	0	0	0	0	0	0	0	0	0
LV	0	0	0	0	0	0	0	0	0
LT	93	63	68	27	29	3	3	3	3
LU	0	0	0	0	0	0	0	0	0
HU	0	0	0	0	0	0	0	0	0
MT	0	0	0	0	0	0	0	0	0
NL	35	14	40	19	54	2	6	0	0
AT	0	0	0	0	0	0	0	0	0
PL	34	30	88	3	9	1	3	1	3
PT	8	3	38	1	13	4	50	4	50
SI	5	0	0	5	100	0	0	0	0
SK	1	0	0	0	0	1	100	0	0
FI	101	3	3	51	50	47	47	33	33
SE	43	10	23	21	49	12	28	10	23
UK	42	14	33	8	19	20	48	20	48
NO	13	3	23	2	15	8	62	8	62
IS	0	0	0	0	0	0	0	0	0
LI	0	0	0	0	0	0	0	0	0
TOTAL	1823	628	34.4	956	52.4	239	13.1	164	9.0

Table F: Processed products, surveillance sampling: results of the national (incl. EU co-ordinated) monitoring programmes

	No. of samples analysed	No. of samples without detectable residues	%	No. of samples with residues below or at MRL (national or EC MRLs)	%	No. of samples with residues above MRL (national or EC MRLs)	%	No. of samples with confirmed residues above EC-MRLs	%
BE	86	64	74	22	26	0	0.0	0	0.0
CZ	41	37	90	4	10	0	0.0	0	0.0
DK	85	44	52	41	48	0	0.0	0	0.0
DE	110	89	81	21	19	0	0.0	0	0.0
EE	26	26	100	0	0	0	0.0	0	0.0
EL	553	386	70	166	30	1	0.2	0	0.0
ES	107	80	75	27	25	0	0.0	0	0.0
FR	202	160	79	39	19	3	1.5	2	1.0
IE	92	85	92	7	8	0	0.0	0	0.0
IT	752	545	72	199	26	8	1.1	0	0.0
CY	27	24	89	3	11	0	0.0	0	0.0
LV	16	16	100	0	0	0	0.0	0	0.0
LT	0	0	0	0	0	0	0	0	0
LU	12	12	100	0	0	0	0.0	0	0.0
HU	186	172	92	14	8	0	0.0	0	0.0
MT	0	0	0	0	0	0	0	0	0
NL	196	119	61	65	33	12	6.1	8	4.1
AT	270	220	81	46	17	4	1.5	2	0.7
PL	90	83	92	7	8	0	0.0	0	0.0
PT	62	53	85	9	15	0	0.0	0	0.0
SI	96	64	67	31	32	1	1.0	1	1.0
SK	18	16	89	2	11	0	0.0	0	0.0
FI	402	266	66	129	32	7	1.7	6	1.5
SE	113	89	79	24	21	0	0.0	0	0.0
UK	288	255	89	33	11	0	0.0	0	0.0
NO	88	82	93	6	7	0	0.0	0	0.0
IS	0	0	0	0	0	0	0	0	0
LI	2	0	0	2	100	0	0.0	0	0.0
TOTAL	3920	2987	76.2	897	22.9	36	0.9	19	0.5
Total incl baby food	5315	4332	81.5	944	17.8	39	0.7	22	0.4

Table G: Samples with residues of more than one pesticide in fresh (incl. frozen) fruit, vegetables and cereals, surveillance and enforcement sampling

	No. of samples analysed	2	3	4	5	6	7	8 and more	No. of samples with multiple residues	%
BE	1398	193	122	74	56	26	19	15	505	36.1
CZ	906	73	47	16	11	3	1	0	151	16.7
DK	1847	194	158	95	32	9	2	1	491	26.6
DE	15372	2002	1415	987	664	531	354	768	6721	43.7
EE	436	23	23	22	14	4	0	1	87	20.0
EL	2435	62	9	1				0	72	3.0
ES	4481	254	117	62	17	8	8	6	472	10.5
FR	4536	513	317	169	86	47	14	26	1172	25.8
IE	1100	124	68	40	16	2	2	2	254	23.1
IT	7329	526	223	93	48	19	9	6	924	12.6
CY	305	28	14	4	4			0	50	16.4
LV	88	5						0	5	5.7
LT	456	25	7	4	3	1		0	40	8.8
LU	89	8	8	1				0	17	19.1
HU	3367	429	234	111	51	14	10	5	854	25.4
MT	47	0						0	0	0.0
NL	3088	414	324	239	184	100	48	92	1401	45.4
AT	1921	225	160	100	83	78	44	129	819	42.6
PL	1247	31	8	0	1	1		0	41	3.3
PT	616	24	10	3	0	1		0	38	6.2
SI	1247	144	123	68	45	30	19	13	442	35.4
SK	1156	128	55	32	13	9	2	1	240	20.8
FI	1597	226	150	69	37	12	9	7	510	31.9
SE	1401	211	152	76	32	14	11	5	501	35.8
UK	2237	269	145	66	40	14	4	3	541	24.2
NO	1452	163	98	59	17	9	4	5	355	24.4
IS	300	43	23	9	1	0	1	0	77	25.7
LI	23	1	1					0	2	8.7
TOTAL	60477	6338	4011	2400	1455	932	561	1085	16782	27.7
%		10.5	6.6	4.0	2.41	1.54	0.93	1.79		

Table H: Pesticides found most often in the national (incl. EU co-ordinated) monitoring programmes in the European Union, Norway, Iceland and Liechtenstein for a) fruit and vegetables and b) cereals, as reported.

Country	Pesticides found most often.	
	a) Fruit and vegetables	b) Cereals
BE	<p><u>Multi-residue method:</u></p> <p>Iprodione, Boscalid (nicobifen), Imazalil, Sulphur, Chlorpropham, Thiabendazol, Benomyl group, Chlorpyrifos-ethyl, Procymidone, Difenconazole.</p> <p><u>Single-residue method:</u></p> <p>Fosetyl-aluminium, Ortho-phenylphenol, Maneb Group, Bromide, Chloromequat, Propamocarb, Ethepon.</p>	<p><u>Multi-residue method:</u></p> <p>Chloromequat, Malathion, Pirimiphos-methyl, Dichlorvos.</p> <p><u>Single-residue method:</u></p> <p>Nil.</p>
CZ	<p><u>Multi-residue method:</u></p> <p>Ortho-phenylphenol, Imazalil, Thiabendazol, Azoxystrobin, Benomyl Group, Imidacloprid, Thiacloprid, Procymidone, Cyprodinil, Fenhexamid.</p> <p><u>Single-residue method</u></p> <p>Maneb group</p>	<p><u>Multi-residue method:</u></p> <p>Pirimiphos-methyl.</p> <p><u>Single-residue method</u></p> <p>Nil.</p>
DK	<p><u>Multi-residue method:</u></p> <p>Imazalil, Benomyl Group, Chlorpyrifos, Thiabendazol, Ortho-phenylphenol, Cyprodinil, Iprodione, Fenhexamid, Fludioxonil, Cypermethrin.</p> <p><u>Single-residue method</u></p> <p>Chloromequat, Maneb group.</p>	<p><u>Multi-residue method:</u></p> <p>Pirimiphos-methyl, Deltamethrin, Malathion, Chlorpyrifos, Permethrin.</p> <p><u>Single-residue method</u></p> <p>Chloromequat.</p>

Country	Pesticides found most often.	
	a) Fruit and vegetables	b) Cereals
DE	No distinction MRM/SRM reported Bromide, Maneb group, Cyprodinil, Fludioxonil, Chloromequat, Benomyl Group, Iprodione, Tolyfluanid, Procymidone, Azoxystrobin.	No distinction MRM/SRM reported Chloromequat, Bromide, Pirimiphos-methyl, Maneb Group, Deltamethrin, Piperonyl-butoxide, Spiroxamine, Mepiquat, Triforine, Dichlorvos.
EE	<u>Multi-residue method:</u> Imazalil, Ortho-phenylphenol, Chlorpyriphos-ethyl, Benomyl Group, Thiabendazol, Endosulfan, Azoxystrobin, Iprodione, Triadimefon/triadimenol sum, Tolyfluanid. <u>Single-residue method:</u> Maneb group.	<u>Multi-residue method:</u> Propamocarb. <u>Single-residue method:</u> Nil.
EL	<u>Multi-residue method:</u> Chlorpyriphos-ethyl, Phosalone, Iprodione, Captan, Endosulfan, Ethoprophos, Diphenylamine, Methomyl, Cyprodinil, Procymidone. <u>Single-residue method:</u> Maneb group, Benomyl group, Thiabendazol.	<u>Multi-residue method:</u> Pirimiphos-methyl, Deltamethrin, Malathion/malaoxon sum. <u>Single-residue method:</u> Nil.
ES	No distinction MRM/SRM reported Chlorpyriphos-ethyl, Dichlorophenone, Procymidone, Imazalil, Imidacloprid, Maneb Group, Chinomethionat, Flutolanil, Chlorothalonil, Malathion/malaoxon sum.	No distinction MRM/SRM reported Malathion/malaoxon sum, Pirimiphos-methyl, Flusilazole, Deltamethrin, Cypermethrin, Propiconazole, Simazine, Tebuconazole.

Country	Pesticides found most often.	
	a) Fruit and vegetables	b) Cereals
FR	<u>Multi-residue method:</u> Chlorpyrifos, Procymidone, Imazalil, Iprodione, Ortho-phenylphenol, Lambda-cyhalothrin, Cyprodinil, Methomyl, Linuron, Sulphur <u>Single-residue method:</u> Maleic hydrazide, Bromide, Maneb Group, Thiabendazol, Benomyl Group, Imidacloprid, Ethoxyquin, Chloromequat.	<u>Multi-residue method:</u> Pirimiphos-methyl, Malathion/malaoxon sum, Piperonyl-butoxide, Dichlorvos, Deltamethrin, Tebufenozide, Chlorpyrifos-methyl, Bifenthrin, Chlorpyrifos, Cyprodinil. <u>Single-residue method:</u> Nil.
IE	No distinction MRM/SRM reported Thiabendazol, Iprodione, Chlorpyrifos-ethyl, Diphenylamine, Captan, Benomyl Group, Prochloraz, Imazalil, Malathion/malaoxon sum, Procymidone.	No distinction MRM/SRM reported Diazinon, Pirimiphos-methyl, Chlorpropham, Malathion/malaoxon sum, Tecnazene, Permethrin.
IT	No distinction MRM/SRM reported Chlorpyrifos, Procymidone, Azinphos-methyl, Cyprodinil, Captan, Imazalil, Fenitrothion, Maneb group, Thiabendazol, Chlorpyrifos-methyl.	No distinction MRM/SRM reported Malathion, Pirimiphos-methyl, Deltamethrin, Piperonyl-butoxide, Chlorpyrifos-methyl, Chlorpyrifos, Maneb Group, Parathion methyl, Dichlorvos, Bromopropylate.
CY	<u>Multi-residue method:</u> Cypermethrin, Benomyl Group, Chlorpyrifos, Procymidone, Methomyl, Endosulfan, Thiabendazol, Chlorothalonil, Imazalil, DDT. <u>Single-residue method:</u> Maneb group.	<u>Multi-residue method:</u> Pirimiphos-methyl, Carbaryl. <u>Single-residue method:</u> Nil.

Country	Pesticides found most often.	
	a) Fruit and vegetables	b) Cereals
LV	No distinction MRM/SRM reported Maneb group, Thiabendazol, Imazalil, Cypermethrin, Cyprodinil, Imidacloprid, Chlorpyriphos-methyl, Methiocarb, Pyrimethanil, Azoxystrobin.	No distinction MRM/SRM reported Chlormequat.
LT	No distinction MRM/SRM reported Chlorpyriphos, Propargite, Imazalil, Procymidone, Captan, Fenhexamid, Iprodione, Maneb group, Thiabendazol, Chlorothalonil.	No distinction MRM/SRM reported Chlorpyriphos, Pirimiphos-ethyl, Pirimiphos-methyl, Tebuconazole.
LU	No distinction MRM/SRM reported Folpet, Cyprodinil, Imazalil, Fludioxonil, Thiabendazol, Vinclozolin, Fenhexamid, Pyrimethanil, Dimethoate.	Nil.
HU	<u>Multi-residue method:</u> Copper compounds, Fenoxycarb, Propargite, Imazalil, Chlorpyriphos, HCH, Thiabendazol, Procymidone, Endosulfan, Vinclozolin. <u>Single-residue method:</u> Ortho-phenylphenol, Maneb Group, Glyphosate, Ethepon, Pymetrozine, Cyprodinil, Propamocarb, Carbaryl, Fenhexamid, Chlorpropham.	<u>Multi-residue method:</u> Methidathion, Chlorpyriphos-methyl, Pirimiphos-methyl, Azoxystrobin. <u>Single-residue method:</u> Spiroxamine, Hydrogen phosphide
MT	No distinction MRM/SRM reported Chlorpyriphos-ethyl, Chlorpyriphos-methyl, Dichlofluanid, Procymidone.	Nil.

Country	Pesticides found most often.	
	a) Fruit and vegetables	b) Cereals
NL	<u>Multi-residue method:</u> Benomyl Group, Imazalil, Chlorpyrifos-ethyl, Thiabendazol, Imidacloprid, Iprodione, Sulphur, Tolyfluanid, Ortho-phenylphenol, Cyprodinil. <u>Single-residue method:</u> Maneb Group, Propamocarb, Chlormequat.	<u>Multi-residue method:</u> Pirimiphos-methyl, Piperonyl-butoxide, Dichlorvos, Malathion, Bifenthrin, Boscalid, Chlorpyrifos-methyl, Pyrimethanil, Sulphur (S8), Thiabendazole. <u>Single-residue method:</u> Chlormequat.
AT	No distinction MRM/SRM reported Maneb group, Fludioxonil, Cyprodinil, Procymidone, Fenhexamid, Azoxystrobin, Iprodione, Imidacloprid, Benomyl Group, Chlorpyrifos-ethyl.	No distinction MRM/SRM reported Chlormequat, Benomyl Group, Chlorpyrifos-methyl, Prochloraz.
PL	<u>Multi-residue method:</u> Propiconazole, Pyrimethanil, Tolyfluanid, Procymidone, Chlorpyrifos, Captan/folpet sum, Fenpropathrin, Triadimefon/triadimenol sum, Dichlofluanid, Pirimicarb sum. <u>Single-residue method:</u> Maneb Group, Diphenylamine, Benomyl Group, Thiabendazol.	<u>Multi-residue method:</u> Permethrin, Deltamethrin, Acephate, Methamidophos, Dichlofluanid. <u>Single-residue method:</u> Benomyl Group, Maneb Group.
PT	<u>Multi-residue method:</u> Imidacloprid, Captan/folpet sum, Benomyl Group, Dimethoate, Cyprodinil, Fludioxonil, Acrinathrin, Procymidone. <u>Single-residue method:</u> Maneb group.	<u>Multi-residue method:</u> Malathion, Pirimiphos-methyl, Dichlorvos. <u>Single-residue method:</u> Nil.

Country	Pesticides found most often.	
	a) Fruit and vegetables	b) Cereals
SI	<u>Multi-residue method:</u> Maneb group, Chlorpyrifos, Phosalone, Cyprodinil, Pyrimethanil, Diazinon, Imazalil, Benomyl Group, Tolyfluanid, Diphenylamine. <u>Single-residue method:</u> Chlormequat.	<u>Multi-residue method:</u> Chlormequat, Malathion, Chlorpyrifos, Chlorpyrifos-methyl, Pirimiphos-methyl. <u>Single-residue method:</u> Chlormequat.
SK	<u>Multi-residue method:</u> Chlorpyrifos-ethyl, Imazalil, Thiabendazol, Procymidone, Iprodione, Fenhexamid, Imidacloprid, Endosulfan, Prochloraz, Cypermethrin. <u>Single-residue method:</u> Ortho-phenylphenol, Maneb Group, Methomyl.	<u>Multi-residue method:</u> Chlorpyrifos-methyl, Piperonyl-butoxide, Pirimiphos-methyl, Chlorpyrifos-ethyl, Fludioxonil, Malathion/malaoxon sum, Deltamethrin, Dichlorvos. <u>Single-residue method:</u> Chlormequat.
FI	<u>Multi-residue method:</u> Benomyl Group, Imazalil, Thiabendazol, Chlorpyrifos, Imidacloprid, Procymidone, Malathion/malaoxon sum, Tolyfluanid, Iprodione, Azinphos-methyl. <u>Single-residue method:</u> Maneb Group, Bromide, Dithianon, Hydrogen phosphide.	<u>Multi-residue method:</u> Pirimiphos-methyl, Malathion/malaoxon sum, Bitertanol. <u>Single-residue method:</u> Bromide, Chlormequat, Hydrogen phosphide.
SE	<u>Multi-residue method:</u> Thiabendazol, Imazalil, Benomyl Group, Carbaryl, Chlorpyrifos-ethyl, Cypermethrin, Azinphos-methyl, Iprodione, Imidacloprid. <u>Single-residue method:</u> Diquat, Maneb Group, Chlormequat, Ethoxyquin, Cyhexatin sum.	<u>Multi-residue method:</u> Pirimiphos-methyl, Chlorpyrifos-methyl, Dichlorvos, Deltamethrin, Malathion/malaoxon sum. <u>Single-residue method:</u> Chlormequat, Hydrogen phosphide, Bromide, Phosphine, Mepiquat, AMPA.

Country	Pesticides found most often.	
	a) Fruit and vegetables	b) Cereals
UK	<u>Multi-residue method:</u> Ortho-phenylphenol, Imazalil, Iprodione, Thiabendazol, Diphenylamine, Chlorpropham, Cyprodinil, Fenhexamid, Imidacloprid, Chlorpyrifos. <u>Single-residue method:</u> 2,4-D, Maleic hydrazide, Chlormequat, Maneb Group, Dodine, Bromide.	<u>Multi-residue method:</u> Pirimiphos-methyl, Fludioxonil, Chlorpyrifos-methyl, Iprodione, Malathion. <u>Single-residue method:</u> Chlormequat, Glyphosate, Trinexapac-ethyl, Mepiquat.
NO	<u>Multi-residue method:</u> Benomyl Group, Imazalil, Cyprodinil, Thiabendazol, Imidacloprid, Chlorpyrifos-ethyl, Fenhexamid, Iprodione, Fludioxonil, Methomyl. <u>Single-residue method:</u> 2,4-D, Maneb Group, Propamocarb, Dithianon, Diquat.	<u>Multi-residue method:</u> Malathion/malaoxon sum, Pirimiphos-methyl, Cyprodinil, Dichlorvos, Chlorpyrifos-methyl. <u>Single-residue method:</u> Glyphosate, Chlormequat, AMPA, Mepiquat.
IS	No distinction MRM/SRM reported Imazalil, Chlorpyrifos-ethyl, Thiabendazol, Ortho-phenylphenol, Procymidone, Iprodione, Tolyfluanid, Malathion/malaoxon sum, Dicofol, Cyprodinil.	No distinction MRM/SRM reported Nil.
LI	No distinction MRM/SRM reported Myclobutanil, Folpet, Captan, Procymidone, Tolyfluanid.	No distinction MRM/SRM reported Nil

Table I: Numbers of samples taken by participating States for each commodity in the EU co-ordinated programme

	Recommended number of samples (for each commodity)	Aubergines	Bananas	Cauliflower	Grapes	Orange Juice	Peas	Peppers	Wheat
BE	12	13	53	38	44	20	50	28	39
CZ	12	23	35	20	37	13	15	58	20
DK	12	18	50	16	61	15	16	51	90
DE	93	148	147	167	963	110	113	970	279
EE	12	15	14	20	25	15	15	15	5
EL	12	25	24	27	22	39	39	28	32
ES	45	71	71	85	60	61	102	155	49
FR	66	78	69	62	70	54	47	95	122
IE	12	14	18	16	21	14	17	15	20
IT	65	164	98	77	195	0	47	185	287
CY	12	26	26	15	37	27	27	29	26
LV	12	12	13	13	14	14	13	12	12
LT	12	10	11	12	10	7	1	14	11
LU	12	12	12	12	12	12	9	14	10
HU	12	13	17	13	18	15	12	14	18
MT	12	1	0	6	8	0	0	1	0
NL	17	21	48	71	174	3	35	117	31
AT	12	15	15	16	15	15	15	15	15
PL	45	48	50	49	50	50	50	54	50
PT	12	29	93	33	72	23	29	65	39
SI	12	30	30	41	51	30	34	46	43
SK	12	16	14	15	24	15	13	22	14
FI	12	17	22	35	42	18	19	89	51
SE	12	17	50	15	90	20	16	27	145
UK	66	96	96	96	298	72	97	72	70
TOT EU	613	932	1076	970	2413	662	831	2191	1478
NO	12	24	39	35	51	20	19	41	51
IS	12	1	21	7	12	0	0	14	0
LI	12	3	1	2	3	2	3	2	2
TOT EEA	649	960	1137	1014	2479	684	853	2248	1531

Table K: Residues of pesticides in the eight commodities as analysed in the EU Member States and EEA States

	Number of samples analysed	Without detectable residues	%	With residues below or at MRL (national or EC-MRL)	%	With residues above MRL (national or EC-MRL)	%
BE	285	117	41	155	54	13	4.6
CZ	221	152	69	67	30	2	0.9
DK	317	172	54	141	44	4	1.3
DE	2897	1089	38	1731	60	77	2.7
EE	124	70	56	53	43	1	0.8
EL	236	208	88	28	12	0	0.0
ES	654	410	63	221	34	23	3.5
FR	597	377	63	183	31	37	6.2
IE	135	90	67	45	33	0	0.0
IT	1053	789	75	260	25	4	0.4
CY	213	146	69	58	27	9	4.2
LV	103	73	71	30	29	0	0.0
LT	76	49	64	27	36	0	0.0
LU	93	70	75	23	25	0	0.0
HU	120	83	69	35	29	2	1.7
MT	16	13	81	2	13	1	6.3
NL	500	207	41	276	55	17	3.4
AT	121	65	54	54	45	2	1.7
PL	401	335	84	64	16	2	0.5
PT	383	292	76	72	19	19	5.0
SI	305	171	56	123	40	11	3.6
SK	133	63	47	52	39	18	13.5
FI	293	205	70	88	30	0	0.0
SE	380	224	59	152	40	4	1.1
UK	897	533	59	358	40	6	0.7
NO	280	164	59	114	41	2	0.7
IS	55	27	49	28	51	0	0.0
LI	18	11	61	7	39	0	0.0
Total	10906	6205	56.9	4447	40.8	254	2.3

Table L: Results from the EU co-ordinated monitoring programme for pesticide residues for each pesticide analysed for in aubergines, bananas, cauliflower, grapes, orange juice, peas, peppers and wheat.

Pesticide	Total No. of samples	No. of samples without residues	No. of samples with residues below or at MRL	%	No. of samples with residues above MRL	%
Acephate	9085	9074	10	0.11	1	0.01
Aldicarb	7323	7322	1	0.01	0	0.00
Azinphos-methyl	9123	9116	7	0.08	0	0.00
Azoxystrobin	9125	8651	471	5.16	3	0.03
Benomyl group	7717	7400	303	3.93	14	0.18
Bifenthrin	8793	8655	136	1.55	2	0.02
Bromopropylate	9274	9236	34	0.37	4	0.04
Bupirimate	8482	8472	5	0.06	5	0.06
Captan	8413	8294	119	1.41	0	0.00
Carbaryl	8400	8329	70	0.83	1	0.01
Chlormequat	1460	1205	254	17.40	1	0.07
Chlorothalonil	9609	9537	72	0.75	0	0.00
Chlorpropham	8016	8013	3	0.04	0	0.00
Chlorpyrifos	10030	9523	501	5.00	6	0.06
Chlorpyrifos-methyl	10022	9872	149	1.49	1	0.01
Cypermethrin	9553	9388	158	1.65	7	0.07
Cyprodinil	8428	7633	781	9.27	14	0.17
Deltamethrin	9585	9514	69	0.72	2	0.02
Diazinon	9998	9988	9	0.09	1	0.01
Dichlofluanid	9142	9135	7	0.08	0	0.00
Dichlorvos	6031	6005	25	0.41	1	0.02
Dicofol	8522	8499	17	0.20	6	0.07
Dimethoate + Omethoate	10072	10006	39	0.39	27	0.27
Diphenylamine	7630	7623	7	0.09	0	0.00
Endosulfan	10029	9807	217	2.16	5	0.05
Fenhexamid	7805	7358	446	5.71	1	0.01

Pesticide	Total No. of samples	No. of samples without residues	No. of samples with residues below or at MRL	%	No. of samples with residues above MRL	%
Fludioxonil	7966	7467	491	6.16	8	0.10
Folpet	8340	8237	102	1.22	1	0.01
Captan + Folpet	9243	9038	205	2.22	0	0.00
Imazalil	9011	8487	515	5.72	9	0.10
Imidacloprid	6729	5897	777	11.55	55	0.82
Iprodione	9318	8843	475	5.10	0	0.00
Kresoxim-methyl	8743	8662	81	0.93	0	0.00
Lambda-cyhalothrin	9036	8922	114	1.26	0	0.00
Malathion	9968	9836	132	1.32	0	0.00
Maneb group	4908	4468	425	8.66	15	0.31
Metalaxyl	9619	9362	255	2.65	2	0.02
Methamidophos	9163	9128	20	0.22	15	0.16
Methidathion	9499	9495	4	0.04	0	0.00
Methiocarb	7065	6866	179	2.53	20	0.28
Methomyl	7478	7354	100	1.34	24	0.32
Myclobutanil	8767	8487	280	3.19	0	0.00
Oxydemeton-methyl	6717	6717	0	0.00	0	0.00
Parathion	9443	9439	3	0.03	1	0.01
Phosalone	9122	9111	11	0.12	0	0.00
Pirimicarb	8860	8832	27	0.30	1	0.01
Pirimiphos-methyl	9882	9641	240	2.43	1	0.01
Procymidone	9780	8974	797	8.15	9	0.09
Propargite	7106	7070	32	0.45	4	0.06
Pyretrins	4342	4337	4	0.09	1	0.02
Pyrimethanil	8173	7812	358	4.38	3	0.04
Spiroxamine	6938	6870	68	0.98	0	0.00
Thiabendazole	8553	8103	449	5.25	1	0.01
Tolcloflos-methyl	8885	8884	1	0.01	0	0.00
Tolyfluanid	8508	8412	95	1.12	1	0.01

Pesticide	Total No. of samples	No. of samples without residues	No. of samples with residues below or at MRL	%	No. of samples with residues above MRL	%
Triademefon + Triadimenol	8956	8671	285	3.18	0	0.00
Vinclozolin	9690	9568	121	1.25	1	0.01

Table M: Presentation of the most important pesticide-commodity combinations where residues were found (in alphabetical order)

Pesticide	Detected most often in	% of samples of that commodity ¹	MRL exceeded most often in	% of samples of that commodity	Maximum residue found in mg/kg
Acephate	Bananas	0.42	Peppers	0.05	0.05 (Cauliflower)
Aldicarb	Orange Juice	0.18	None		0.11 (Orange Juice)
Azinphos-methyl	Grapes	0.26	None		0.31 (Grapes)
Azoxystrobin	Grapes	12.35	Peas	0.40	1.46 (Grapes)
Benomyl group	Grapes	10.33	Grapes	0.38	2.38 (Grapes)
Bifenthrin	Grapes	3.63	Cauliflower	0.12	0.65 (Cauliflower)
Bromopropylate	Grapes	1.23	Peppers	0.20	1.20 (Grapes)
Bupirimate	Peppers	0.32	Grapes	0.14	0.26 (Peppers)
Captan	Grapes	5.58	NA		2.10 (Grapes)
Carbaryl	Grapes	3.12	Grapes	0.05	1.46 (Grapes)
Chlormequat	Wheat	36.41	Aubergines	0.31	1.30 (Wheat)
Chlorothalonil	Aubergines	2.58	None		0.73 (Grapes)
Chlorpropham	Peppers	0.16	None		0.13 (Peppers)
Chlorpyrifos	Grapes	15.01	Grapes	0.13	0.89 (Grapes)
Chlorpyrifos-methyl	Grapes	4.82	Grapes	0.04	0.69 (Wheat)
Cypermethrin	Peppers	4.47	Grapes	0.18	0.90 (Grapes)
Cyprodinil	Grapes	29.34	Grapes	0.59	3.30 (Grapes)
Deltamethrin	Grapes	1.20	Cauliflower	0.11	0.70 (Wheat)
Diazinon	Peppers	0.34	Bananas	0.10	0.25 (Peppers)
Dichlofluanid	Grapes	0.32	None		0.88 (Grapes)
Dichlorvos	Wheat	2.17	Peppers	0.09	0.86 (Wheat)
Dicofol	Grapes	0.82	Peppers	0.23	1.90 (Grapes)

¹ Percentages in this column include samples at or below the MRL and exceeding the MRL

Pesticide	Detected most often in	% of samples of that commodity¹	MRL exceeded most often in	% of samples of that commodity	Maximum residue found in mg/kg
Dimethoate + Omethoate	Grapes	1.13	Grapes	0.42	0.63 (Aubergines) 0.63 (Grapes)
Diphenylamine	Peppers	0.17	None		0.04 (Peppers)
Endosulfan	Peppers	9.19	Aubergines	0.47	1.70 (Aubergines)
Fenhexamid	Grapes	20.85	Peas	0.15	2.99 (Grapes)
Fludioxonil	Grapes	18.11	Grapes	0.19	1.10 (Grapes)
Folpet	Grapes	4.84	Cauliflower	0.13	3.10 (Grapes)
Captan + Folpet	Grapes	8.94	None		3.10 (Grapes)
Imazalil	Bananas	45.51	Grapes	0.36	1.60 (Bananas)
Imidacloprid	Peppers	33.86	Aubergines	4.14	0.89 (Grapes)
Iprodione	Grapes	15.62	None		4.78 (Grapes)
Kresoxim-methyl	Grapes	2.49	None		0.34 (Grapes) 0.34 (Peppers)
Lambda-cyhalothrin	Grapes	4.35	None		0.20 (Grapes)
Malathion	Wheat	4.72	None		2.40 (Wheat)
Maneb group	Cauliflower	29.52	Cauliflower	1.81	3.50 (Cauliflower)
Metalaxyl	Grapes	8.25	Aubergines	0.12	0.60 (Grapes)
Methamidophos	Peppers	1.17	Peppers	0.66	0.72 (Cauliflower)
Methidathion	Grapes	0.09	None		0.02 (Grapes)
Methiocarb	Peppers	9.72	Peppers	0.87	3.25 (Peppers)
Methomyl	Peppers	4.19	Grapes	0.62	0.80 (Peppers)
Myclobutanil	Grapes	10.88	None		0.95 (Grapes)
Oxydemeton-methyl	None		None		
Parathion	Bananas	0.29	Bananas	0.10	0.16 (Bananas)
Phosalone	Grapes	0.32	None		0.98 (Grapes)
Pirimicarb	Peppers	1.01	Grapes	0.05	0.20 (Peppers)
Pirimiphos-methyl	Wheat	10.27	Aubergines	0.12	4.42 (Wheat)

Pesticide	Detected most often in	% of samples of that commodity¹	MRL exceeded most often in	% of samples of that commodity	Maximum residue found in mg/kg
Procymidone	Grapes	16.59	Peas	1.21	4.90 (Grapes)
Propargite	Grapes	1.48	Aubergines	0.49	0.92 (Grapes)
Pyrethrins	Peppers	0.41	Wheat	0.27	1.20 (Wheat)
Pyrimethanil	Grapes	11.50	Aubergines	0.29	4.00 (Grapes)
Spiroxamine	Grapes	3.28	None		0.14 (Grapes)
Thiabendazole	Bananas	40.96	Orange Juice	0.17	2.70 (Bananas)
Tolcloflos-methyl	Cauliflower	0.11	None		0.05 (Grapes)
Tolyfluanid	Grapes	3.20	Grapes	0.05	2.384 (Grapes)
Triademefon + Triadimenol	Grapes	6.80	None		0.55 (Grapes)
Vinclozolin	Peas	12.88	Peas	0.13	0.51 (Peas)

Table N: Number and origin of the samples taken by country (sum of surveillance and follow-up enforcement samples, sum of fresh (incl. frozen) fruit, vegetables, cereals and processed products

Country	Total number of samples taken	Samples taken per 100,000 inhabitants	No. of domestic samples taken	%	No. of samples from other Member States	%	No. of samples from Third Countries	%	Origin not known	%
BE	1539	15	796	52	288	18.7	319	20.7	136	8.8
CZ	1019	10	307	30	566	55.5	146	14.3	0	0.0
DK	1952	36	396	20	774	39.7	782	40.1	0	0.0
DE	15660	19	6136	39	6082	38.8	2254	14.4	1188	7.6
EE	472	35	181	38	206	43.6	81	17.2	4	0.8
EL	3017	27	2508	83	49	1.6	460	15.2	0	0.0
ES	4801	11	4742	99	23	0.5	36	0.7	0	0.0
FR	4749	8	3324	70	765	16.1	660	13.9	0	0.0
IE	1196	28	417	35	407	34.0	280	23.4	92	7.7
IT	8081	14	7237	90	201	2.5	643	8.0	0	0.0
CY	356	46	260	73	44	12.4	52	14.6	0	0.0
LV	114	5	24	21	68	59.6	22	19.3	0	0.0
LT	465	14	138	30	137	29.5	190	40.9	0	0.0
LU	116	25	28	24	66	56.9	22	19.0	0	0.0
HU	3694	37	2110	57	545	14.8	1039	28.1	0	0.0
MT	47	12	47	100	0	0.0	0	0.0	0	0.0
NL	3344	20	1290	39	903	27.0	1151	34.4	0	0.0
AT	2299	28	983	43	991	43.1	325	14.1	0	0.0
PL	1463	4	1029	70	282	19.3	152	10.4	0	0.0
PT	708	7	548	77	120	16.9	40	5.6	0	0.0
SI	1403	70	673	48	433	30.9	297	21.2	0	0.0
SK	1228	23	455	37	510	41.5	234	19.1	29	2.4
FI	2024	39	352	17	806	39.8	866	42.8	0	0.0
SE	1554	17	391	25	444	28.6	719	46.3	0	0.0
UK	2597	4	1049	40	709	27.3	839	32.3	0	0.0
NO	1585	34	563	36	543	34.3	479	30.2	0	0.0
IS	300	100	80	27	132	44.0	88	29.3	0	0.0
LI	27	77	20	74	6	22.2	1	3.7	0	0.0
TOTAL	65810	14.04	36084	54.8	16100	24.5	12177	18.5	1449	2.2

Table O: Accreditation, participation in proficiency tests and implementation of the EU Quality Control Procedures of the pesticide residue laboratories

Country	No. of laboratories	Accreditation	Participation in proficiency tests	Implementation of EU Quality Control Procedures (QC procedures)
BE	4	3 accredited by BELAC, 1 accredited by BELTEST	FAPAS, EU PT8 ² and others	Three laboratories are reported as fully implementing from 80 to 100 % of the QC procedures with remaining percentage partly implemented; information not provided for 1 laboratory.
CZ	1	Accredited by CAI	FAPAS, EU PT8 and others	At least 60 % of the QC procedures are reported fully implemented; remaining percentage partly implemented.
DK	2 (1 main lab performs 100% of sampling analyses. Second lab does confirmation)	Accredited by DANAK	FAPAS and EU PT8	Full implementation 70 % of the QC procedures is reported, remaining percentage partly implemented.
DE	33	All accredited by SAL or AKS.	FAPAS, EU PT8, and national PT	Different status of the application of QC procedures: full implementation reported between 50% and 100% with the remainder partially implemented.
EE	3	All accredited by EAK	2 labs participated in EU PT 08 and FAPAS.	Full implantation reported for 80-100% of QC procedures.
EL	9	7 labs (analysing 84% of samples) are not accredited. 1 lab is accredited by E.Sy.D and 1 by UKAS.	6 labs participated in EU or FAPAS.	60 % -90% of QC procedures reported fully implemented.
ES	29	15 ENAC accredited laboratories (doing approx. 63 % of the analyses).	FAPAS, EU PT8, and national PT (7 labs did not report any participation in PT)	Implementation level not reported for 6 labs. Varying levels of application of QC procedures: For 11 of the accredited labs implementation is 80% to 100% of all QC procedures. For the non-accredited labs, 20-80% of QC procedures are reported fully implemented.

² European Proficiency Test

Country	No. of laboratories	Accreditation	Participation in proficiency tests	Implementation of EU Quality Control Procedures (QC procedures)
FR	7	5 laboratories, which performed 84% of the analyses, are accredited by COFRAC	BIPEA ³ - FAPAS-EU PT8	Varying levels of application of QC procedures: full implementation between 60% and 100% reported; remaining percentage is partly implemented.
IE	1	Accredited by INAB	FAPAS, Multiresidue method.	80 % of the QC procedures are reported fully implemented – mainly compliant with remainder.
IT	36	22 laboratories are accredited by ISS-ORL or SINAL and analysed 73% of the monitoring samples	15 accredited labs participated in EU PT8, FAPAS or national PT.	Implementation level not reported for the 15 unaccredited labs and 13 of the accredited labs. For the other 8 labs, reported implementation between 60% and 80% of QC procedures and largely partial implementation of remainder.
CY	1	Accredited by ESYD	EU PT8.	90 % of the QC procedures are reported fully implemented – remainder partly implemented.
LV	1	Accredited by DAP, LATAK	EU PT8.	80 % of the QC procedures are reported fully implemented – partly compliant with remainder.
LT	1	Accredited by DAP	FAPAS and EU PT8.	40% of the EU QC procedures are reported as fully implemented and 40% as partly implemented.
LU	1	Accredited by OLAS	EU PT8	80 % of the QC procedures are reported fully implemented; remainder partly implemented.
HU	8	7 accredited by NIPH and 1 by NAT-1-1160.	7 labs participated in EU PT8, 1 in national PT.	For 7 labs, 60 % of the QC procedures are reported fully implemented –remainder are partly implemented. For 1 lab, (analysing less than 1% of samples) information is largely unreported.
MT	1 (in Italy)	Accredited by SINAL	2 Italian national PT	All of the QC procedures are reported fully implemented.
NL	1	Accredited by RvA	FAPAS, EU-pesticide residues.	All of the QC procedures are reported fully implemented
AT	4	Accredited by BMWA or AKS	EU proficiency tests, FAPAS and others.	90% to 100% of the QC procedures are reported fully implemented in 3 labs. Information not reported on the 4th lab.

³ Proficiency tests organised by the Bureau Interprofessionnel d'Etudes Analytiques

Country	No. of laboratories	Accreditation	Participation in proficiency tests	Implementation of EU Quality Control Procedures (QC procedures)
PL	16	All labs accredited by PCA.	15 labs participated in proficiency tests, including EU PT8; FAPAS and others.	Varying levels of application of QC procedures: between 70 and 100 % of the QC procedures are reported fully implemented by 12 labs with remaining procedures partly implemented. 3 labs report 60% fully implemented and the other lab reports 30% fully implemented, with remaining procedures partially implemented.
PT	4	1 lab accredited by IPAC	FAPAS, EU PT8 and others	Varied level of reported implementation, up to 100% for accredited lab. Others have implementation from 30 to 70%, with remaining mostly partially implemented.
SI	3	2 labs accredited by SA; 1 accredited by COFRAC	FAPAS, EU PT8 and others.	At least 90% of the QC procedures reported fully implemented the remainder mostly partially implemented.
SK	3	2 labs, performing 96% of analyses, accredited by SNAS	EU PTs, by the accredited labs.	60% to 90% of the QC procedures reported fully implemented, the remainder mostly partially implemented.
FI	2	Both accredited by FINAS	FAPAS and EU PTs.	Between 60 and 80 % of the QC procedures reported fully implemented; the reminder partially implemented.
SE	1	Accredited by SWEDAC	FAPAS (various)	80 % of the QC procedures reported fully implemented; the remainder partially.
UK	4	All accredited by UKAS	FAPAS and EU PTs.	All reported fully implemented
NO	1	Accredited by NA	EU PT8	More than 80 % of the QC procedures reported fully implemented the remainder partially.
IS	1	Accredited by SWEDAC	FAPAS and EU PT7	90% of the QC procedures reported fully implemented, remainder partially.
LI	1	Accredited by DACH	Not reported	At least 90 % of the QC procedures reported fully implemented, remainder partially.