ANNEX B

Metconazole

B.8 Environmental fate and behaviour
Field trials

Metconazole (CL 900768) 60 G a.i./L SL (SF 09381): soil dissipation study (Germany 1995) (Bissinger H. J., Blobel R., Dombo P. 1996)

Field Trials, Soil Residue (Summary)		Active substance	: 5-[(4-chlorphenyl)methyl-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)-1-cyclopentanol
Responsible body for reporting (name and address)	Cyanamid forschung GmbH Postfach 100 D-55270 Schwabenheim Germany	Matrix	:soil
Country	: Germany	Submission date	:
Contents of ai	: 60 g/l	Page	:
Formulation	: SL (SF 09381)	Indoor/outdoor	:outdoor
Commercial product (name)	:-	Other ai in the formulation	-
Producer of commercial product	American Cyanamid Company		
Residues calculated as	:metzonazole (sum of cis and trans isomers)	common name and content	:

1	2	3	4		5	6	7	8	9	10	11
Location, including postal code	Matrix	Soil characteristics (USDA) 1) soil texture 2) pH ($CaCl_2$) 3)% org. carbon 4) meq/100 g	Application rate per treatment		Application date	Days after application	Soil layer (cm)	Residue (mg/kg)	DT50 (days)	DT90 (days)	Remarks
			kg as/ha	Water (l/ha)							
D-55270 Schwabenheim, Germany trial 95-096-01	Soil	1) silty loam 2) 5.7 3) 0.96 4) 10	0.225	400	15 May 95	-0 0 15 29 60 92 123 154 184 366 470 542	0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm	Nd 0.09 0.09 0.06 0.02 0.04 0.03 0.03 0.02 0.02 0.01 <0.01	40	442	Bare soil 2 X 42 m Extraction with acetone/hexane (v/v 1/1), GC with NPD Kinetics was square root first order
D-65207 Kloppenheim, Germany trial 95-096-02	Soil	1) silty clay loam 2) 6.1 3) 1.11 4) 13	0.220	390.9	23 May 95	-0 0 14 30 56 91 119 155 182 365 462 534	0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm	Nd 0.09 0.06 0.04 0.02 0.03 0.02 0.02 0.02 0.01 <0.01 <0.01	33	363	Bare soil 2 X 42 m Extraction with acetone/hexane (v/v 1/1), GC with NPD Kinetics was square root first order

Metconazole (CL 900768) 60 G a.i./L SL (SF 09381): soil dissipation study (UK 1995) (Bissinger H. J.,Burgess J. 1996)

Field Trials, Soil Residue (Summary)		Active substance	: 5-[(4-chlorphenyl)methyl-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)-1-cyclopentanol
Responsible body for reporting (name and address)	Cyanamid forschung GmbH Postfach 100 D-55270 Schwabenheim Germany	Matrix	:soil
Country	: UK	Submission date	:
Contents of ai	: 60 g/l	Page	:
Formulation	: SL (SF 09381)	Indoor/outdoor	:outdoor
Commercial product (name)	:-	Other ai in the formulation	-
Producer of commercial product	American Cyanamid Company		
Residues calculated as	:metzonazole (sum of cis and trans isomers)	common name and content	:

1	2	3	4		5	6	7	8	9	10	11
Location, including postal code	Matrix	Soil characteristics (USDA) 1) soil texture 2) pH ($CaCl_2$) 3)% org. carbon 4) meq/100 g	Application rate per treatment		Application date	Days after application	Soil layer (cm)	Residue (mg/kg)	DT50 (days)	DT90 (days)	Remarks
			kg as/ha	Water (l/ha)							
Ardley / Bicester, Oxon, OX6 9LT trial 95-097-01	Soil	1) silty loam 2) 6.1 3) 1.83 4) 23	0.225	400	1 June 95	-0 0 14 32 63 96 127 160 189 368 459 526	0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm	Nd 0.07 0.05 0.03 0.02 0.03 <0.01 0.02 0.02 <0.01 (0.02 **) <0.01	34	370	Bare soil 2.5 X 49.5 m Extraction with acetone/hexane (v/v 1/1), GC with NPD Kinetics was square root first order ** : considered as an outlier
Wood Enderby / Horncastle, Lincs LN9 6JH trial 95-097-02	Soil	1) sandy loam 2) 7.2 3) 1.78 4) 18	0.225	400	2 June 95	-0 0 17 32 63 97 125 153 185 369 455 528	0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm 0-10 cm	Nd 0.06 0.04 0.04 0.06 0.06 0.05 0.03 0.02 0.01 <0.01 <0.01	138	457	Bare soil 2.5 X 49.5 m Extraction with acetone/hexane (v/v 1/1), GC with NPD First order kinetics

Metconazole (WL 136184, KNF-S-474c): the dissipation from soil at six field sites in the UK, France and Germany following application of 60 g/l soluble liquid and 100 g/l emulsifiable concentrate formulations, SF07455 and SF07355 –1991/1992 (Davies E.H. 1993)

Field Trials, Soil Residue (Summary)		Active substance	: 5-[(4-chlorphenyl)methyl-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)-1-cyclopentanol
Responsible body for reporting (name and address)	:	Matrix	:soil
Country	: UK, France, Germany	Submission date	:
Contents of ai	: 60 g/l	Page	:
Formulation	: SL	Indoor/outdoor	:outdoor
Commercial product (name)	:SF07455	Other ai in the formulation	-
Producer of commercial product	Shell Chimie		
Residues calculated as	:metzonazole	common name and content	:

1	2	3	4		5	6	7	8	9	10	11
Dossier NE Report NE Location, including postal code	Matrix	Soil characteristics (USDA) 1) soil texture 2) pH ($CaCl_2$) 3)% org. carbon 4) meq/100 g	Application rate per treatment		Application date	Days after application	Soil layer (cm)	Residue (mg/kg)	DT50 (days)	DT90 (days)	Remarks
			kg as/ha	Water (l/ha)							
Hoath, Kent, UK	Soil	1) clay loam 2) 8 3) 1.57 4) -	0.175		30 May 91	0 14 28 56 112 224 364 224 364	0-15 cm 15-30 cm	0.19 0.13 0.12 0.09 0.08 0.05 0.03 <0.01 <0.01	133	434	12 X 6 m, 3 replicates Extraction with acetone/ hexane (1/1 v/v) , clean-up on SCX Bond-Elut cartridges Derermination with GC with NPD First order kinetics
Hoath, Kent, UK	Soil	1) clay loam 2) 8 3) 1.57 4) -	0.350		30 May 91	0 14 28 56 112 224 364 224 364	0-15 cm 15-30 cm	0.33 0.18 0.27 0.15 0.15 0.10 0.09 <0.01 <0.01	182	609	12 X 6 m, 3 replicates Extraction with acetone/ hexane (1/1 v/v) , clean-up on SCX Bond-Elut cartridges Derermination with GC with NPD First order kinetics

1	2	3	4		5	6	7	8	9	10	11
Dossier NE Report NE Location, including postal code	Matrix	Soil characteristics (USDA) 1) soil texture 2) pH ($CaCl_2$) 3)% org. carbon 4) meq/100 g	Application rate per treatment		Application date	Days after application	Soil layer (cm)	Residue (mg/kg)	DT50 (days)	DT90 (days)	Remarks
			kg as/ha	Water (l/ha)							
Reculver, Kent, UK	Soil	1) sandy loam 2) 4.1 3) 0.52 4) -	0.175		30 May 91	0 14 28 56 112 224 364 224 364	0-15 cm 15-30 cm 	0.16 0.09 0.05 0.06 0.04 0.04 0.02 <0.01 <0.01	112	371	12 X 6 m, 3 replicates Extraction with acetone/ hexane (1/1 v/v) , clean-up on SCX Bond-Elut cartridges Derermination with GC with NPD First order kinetics
Reculver, Kent, UK	Soil	1) sandy loam 2) 4.1 3) 0.52 4) -	0.350		30 May 91	0 14 28 56 112 224 364 224 364	0-15 cm 15-30 cm 	0.31 0.14 0.12 0.12 0.10 0.06 0.09 0.01 <0.01	203	665	12 X 6 m, 3 replicates Extraction with acetone/ hexane (1/1 v/v) , clean-up on SCX Bond-Elut cartridges Derermination with GC with NPD First order kinetics
Quincieux, Genay, France	Soil	1) sandy silt loam 2) - 3) - 4) -	0.175		29 May 91	0 14 28 56 126 224 336 224 336	0-15 cm 15-30 cm 	0.32 0.27 0.16 0.12 0.02 <0.01 <0.01 <0.01 <0.01	28	98	12 X 6 m, 4 replicates Extraction with acetone/water , clean-up with dichlormethane/ ethyl acetate, clean up by HPLC Derermination with GC with NPD First order kinetics

1	2	3	4		5	6	7	8	9	10	11
Dossier NE Report NE Location, including postal code	Matrix	Soil characteristics (USDA) 1) soil texture 2) pH ($CaCl_2$) 3)% org. carbon 4) meq/100 g	Application rate per treatment		Application date	Days after application	Soil layer (cm)	Residue (mg/kg)	DT50 (days)	DT90 (days)	Remarks
			kg as/ha	Water (l/ha)							
Quincieux, Genay, France	Soil	1) sandy silt loam 2) - 3) - 4) -	0.350		29 May 91	0 14 28 56 126 224 336 224 336	0-15 cm 15-30 cm	0.17 0.09 0.02 0.03 0.02 <0.01 <0.01 <0.01 <0.01	28	98	12 X 6 m, 4 replicates Extraction with acetone/water , clean-up with dichlormethane/ ethyl acetate, clean up by HPLC Derermination with GC with NPD First order kinetics

1	2	3	4		5	6	7	8	9	10	11
Dossier NE Report NE Location, including postal code	Matrix	Soil characteristics (USDA) 1) soil texture 2) pH ($CaCl_2$) 3)% org. carbon 4) meq/100 g	Application rate per treatment		Application date	Days after application	Soil layer (cm)	Residue (mg/kg)	DT50 (days)	DT90 (days)	Remarks
			kg as/ha	Water (l/ha)							
Espiet, Bordeaux, France	Soil	1) silty clay loam 2) - 3) - 4) -	0.175		6 June 91	0 14 28 56 119 217 364 217 364	0-15 cm 15-30 cm 	0.22 0.23 0.24 0.14 0.11 0.04 <0.01 0.03 <0.01	70	238	12 X 6 m, 4 replicates Extraction with acetone/water , clean-up with dichlormethane/ ethyl acetate, clean up by HPLC Derermination with GC with NPD First order kinetics
Espiet, Bordeaux, France	Soil	1) silty clay loam 2) - 3) - 4) -	0.350		6 June 91	0 14 28 56 119 217 364 217 364	0-15 cm 15-30 cm 	0.28 0.22 0.22 0.15 0.11 0.05 <0.01 0.03 <0.01	70	238	12 X 6 m, 4 replicates Extraction with acetone/water , clean-up with dichlormethane/ ethyl acetate, clean up by HPLC Derermination with GC with NPD First order kinetics
Schwabenheim, Germany	Soil	1) sandy loam 2) 7.5 3) 1.04 4) -	0.175		29 May 91	0 14 28 56 112 224 364 0 224 364	0-15 cm 15-30 cm 	0.22 0.14 0.03 0.06 0.04 0.02 0.01 0.01 <0.01 <0.01	77	259	15X 5 m, 2 replicates Extraction with acetone/ hexane (1/1 v/v) , clean-up on SCX Bond-Elut cartridges Derermination with GC with NPD First order kinetics

1	2	3	4		5	6	7	8	9	10	11
Dossier NE Report NE Location, including postal code	Matrix	Soil characteristics (USDA) 1) soil texture 2) pH ($CaCl_2$) 3)% org. carbon 4) meq/100 g	Application rate per treatment		Application date	Days after application	Soil layer (cm)	Residue (mg/kg)	DT50 (days)	DT90 (days)	Remarks
			kg as/ha	Water (l/ha)							
Schwabenheim, Germany	Soil	1) sandy loam 2) 7.5 3) 1.04 4) -	0.350		29 May 91	0 14 28 56 112 224 364 0 224 364	0-15 cm 15-30 cm	0.21 0.15 0.18 0.06 0.06 0.03 0.06 0.04 <0.01 <0.01	154	504	15X 5 m, 2 replicates Extraction with acetone/ hexane (1/1 v/v) , clean-up on SCX Bond-Elut cartridges Derermination with GC with NPD First order kinetics
Schonau, Bayern, Germany	Soil	1) silty clay loam 2) 7.0 3) 1.33 4) -	0.175		8 May 91	0 14 28 56 112 224 364 0 224 364	0-15 cm 15-30 cm	0.08 0.13 0.08 0.05 0.02 <0.01 0.01 <0.01 <0.01 <0.01	70	224	15X 5 m, 2 replicates Extraction with acetone/ hexane (1/1 v/v) , clean-up on SCX Bond-Elut cartridges Derermination with GC with NPD First order kinetics
Schonau, Bayern, Germany	Soil	1) silty clay loam 2) 7.0 3) 1.33 4) -	0.350		8 May 91	0 14 28 56 112 224 364 0 224 364	0-15 cm 15-30 cm	0.24 0.23 0.18 0.12 0.05 0.03 0.03 <0.01 <0.01 <0.01	91	287	15X 5 m, 2 replicates Extraction with acetone/ hexane (1/1 v/v) , clean-up on SCX Bond-Elut cartridges Derermination with GC with NPD First order kinetics

Metconazole (WL 136184, KNF-S-474c): the dissipation from soil at six field sites in the UK, France and Germany following application of 60 g/l soluble liquid and 100 g/l emulsifiable concentrate formulations, SF07455 and SF07355 –1991/1992 (Davies E.H. 1993)

Field Trials, Soil Residue (Summary)		Active substance	: 5-[(4-chlorphenyl)methyl-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)-1-cyclopentanol
Responsible body for reporting (name and address)	:	Matrix	:soil
Country	: UK, France, Germany	Submission date	:
Contents of ai	: 100 g/l	Page	:
Formulation	: EC	Indoor/outdoor	:outdoor
Commercial product (name)	:SF07355	Other ai in the formulation	-
Producer of commercial product	Shell Chimie		
Residues calculated as	:metzonazole	common name and content	:

1	2	3	4		5	6	7	8	9	10	11
Dossier NE Report NE Location, including postal code	Matrix	Soil characteristics (USDA) 1) soil texture 2) pH ($CaCl_2$) 3)% org. carbon 4) meq/100 g	Application rate per treatment		Application date	Days after application	Soil layer (cm)	Residue (mg/kg)	DT50 (days)	DT90 (days)	Remarks
			kg as/ha	Water (l/ha)							
Hoath, Kent, UK	Soil	1) clay loam 2) 8 3) 1.57 4) -	0.250		30 May 91	0 14 28 56 112 224 364 224 364	0-15 cm 15-30 cm 	0.13 0.09 0.08 0.08 0.06 0.05 0.03 <0.01 <0.01	161	539	12 X 6 m, 3 replicates Extraction with acetone/ hexane (1/1 v/v) , clean-up on SCX Bond-Elut cartridges Derermination with GC with NPD First order kinetics
Hoath, Kent, UK	Soil	1) clay loam 2) 8 3) 1.57 4) -	0.350		30 May 91	0 14 28 56 112 224 364 224 364	0-15 cm 15-30 cm 	0.21 0.16 0.14 0.12 0.08 0.06 0.04 <0.01 <0.01	147	483	12 X 6 m, 3 replicates Extraction with acetone/ hexane (1/1 v/v) , clean-up on SCX Bond-Elut cartridges Derermination with GC with NPD First order kinetics

1	2	3	4		5	6	7	8	9	10	11
Dossier NE Report NE Location, including postal code	Matrix	Soil characteristics (USDA) 1) soil texture 2) pH ($CaCl_2$) 3)% org. carbon 4) meq/100 g	Application rate per treatment		Application date	Days after application	Soil layer (cm)	Residue (mg/kg)	DT50 (days)	DT90 (days)	Remarks
			kg as/ha	Water (l/ha)							
Reculver, Kent, UK	Soil	1) sandy loam 2) 4.1 3) 0.52 4) -	0.250		30 May 91	0 14 28 56 112 224 364 224 364	0-15 cm 15-30 cm 	0.13 0.09 0.06 0.08 0.06 0.04 0.05 <0.01 <0.01	231	770	12 X 6 m, 3 replicates Extraction with acetone/ hexane (1/1 v/v) , clean-up on SCX Bond-Elut cartridges Derermination with GC with NPD First order kinetics
Reculver, Kent, UK	Soil	1) sandy loam 2) 4.1 3) 0.52 4) -	0.350		30 May 91	0 14 28 56 112 224 364 224 364	0-15 cm 15-30 cm 	0.18 0.15 0.11 0.11 0.09 0.08 0.07 <0.01 <0.01	259	854	12 X 6 m, 3 replicates Extraction with acetone/ hexane (1/1 v/v) , clean-up on SCX Bond-Elut cartridges Derermination with GC with NPD First order kinetics
Quincieux, Genay, France	Soil	1) sandy silt loam 2) - 3) - 4) -	0.250		29 May 91	0 14 28 56 126 224 336 224 336	0-15 cm 15-30 cm 	0.23 0.11 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	7	28	12 X 6 m, 4 replicates Extraction with acetone/water , clean-up with dichlormethane/ ethyl acetate, clean up by HPLC Derermination with GC with NPD First order kinetics

1	2	3	4		5	6	7	8	9	10	11
Dossier NE Report NE Location, including postal code	Matrix	Soil characteristics (USDA) 1) soil texture 2) pH ($CaCl_2$) 3)% org. carbon 4) meq/100 g	Application rate per treatment		Application date	Days after application	Soil layer (cm)	Residue (mg/kg)	DT50 (days)	DT90 (days)	Remarks
			kg as/ha	Water (l/ha)							
Quincieux, Genay, France	Soil	1) sandy silt loam 2) - 3) - 4) -	0.350		29 May 91	0 14 28 56 126 224 336 224 336	0-15 cm 15-30 cm	0.38 0.24 0.11 0.02 <0.01 <0.01 <0.01 <0.01 <0.01	14	42	12 X 6 m, 4 replicates Extraction with acetone/water , clean-up with dichlormethane/ ethyl acetate, clean up by HPLC Derermination with GC with NPD First order kinetics

1	2	3	4		5	6	7	8	9	10	11
Dossier NE Report NE Location, including postal code	Matrix	Soil characteristics (USDA) 1) soil texture 2) pH ($CaCl_2$) 3)% org. carbon 4) meq/100 g	Application rate per treatment		Application date	Days after application	Soil layer (cm)	Residue (mg/kg)	DT50 (days)	DT90 (days)	Remarks
			kg as/ha	Water (l/ha)							
Espiet, Bordeaux, France	Soil	1) silty clay loam 2) - 3) - 4) -	0.250		6 June 91	0 14 28 56 119 217 364 217 364	0-15 cm 15-30 cm 	- 0.19 0.22 0.12 0.07 0.05 <0.01 0.01 <0.01	70	231	12 X 6 m, 4 replicates Extraction with acetone/water , clean-up with dichlormethane/ ethyl acetate, clean up by HPLC Derermination with GC with NPD First order kinetics
Espiet, Bordeaux, France	Soil	1) silty clay loam 2) - 3) - 4) -	0.350		6 June 91	0 14 28 56 119 217 364 217 364	0-15 cm 15-30 cm 	- 0.30 0.18 0.18 0.06 0.03 <0.01 0.03 <0.01	49	168	12 X 6 m, 4 replicates Extraction with acetone/water , clean-up with dichlormethane/ ethyl acetate, clean up by HPLC Derermination with GC with NPD First order kinetics
Schwabenheim, Germany	Soil	1) sandy loam 2) 7.5 3) 1.04 4) -	0.175		29 May 91	0 14 28 56 112 224 364 0 224 364	0-15 cm 15-30 cm 	0.09 0.09 0.10 0.03 0.04 0.04 0.02 0.02 0.01 <0.01	133	441	15X 5 m, 2 replicates Extraction with acetone/ hexane (1/1 v/v) , clean-up on SCX Bond-Elut cartridges Derermination with GC with NPD First order kinetics

1	2	3	4		5	6	7	8	9	10	11
Dossier NE Report NE Location, including postal code	Matrix	Soil characteristics (USDA) 1) soil texture 2) pH ($CaCl_2$) 3)% org. carbon 4) meq/100 g	Application rate per treatment		Application date	Days after application	Soil layer (cm)	Residue (mg/kg)	DT50 (days)	DT90 (days)	Remarks
			kg as/ha	Water (l/ha)							
Schwabenheim, Germany	Soil	1) sandy loam 2) 7.5 3) 1.04 4) -	0.350		29 May 91	0 14 28 56 112 224 364 0 224 364	0-15 cm 15-30 cm	0.25 0.16 0.17 0.06 0.04 0.05 0.04 0.03 0.01 0.01	112	371	15X 5 m, 2 replicates Extraction with acetone/ hexane (1/1 v/v) , clean-up on SCX Bond-Elut cartridges Derermination with GC with NPD First order kinetics
Schonau, Bayern, Germany	Soil	1) silty clay loam 2) 7.0 3) 1.33 4) -	0.175		8 May 91	0 14 28 56 112 224 364 0 224 364	0-15 cm 15-30 cm	0.23 0.09 0.08 0.07 0.02 0.01 0.01 <0.01 <0.01 <0.01	56	189	15X 5 m, 2 replicates Extraction with acetone/ hexane (1/1 v/v) , clean-up on SCX Bond-Elut cartridges Derermination with GC with NPD First order kinetics
Schonau, Bayern, Germany	Soil	1) silty clay loam 2) 7.0 3) 1.33 4) -	0.350		8 May 91	0 14 28 56 112 224 364 0 224 364	0-15 cm 15-30 cm	0.52 0.24 0.17 0.13 0.05 <0.01 0.02 0.01 <0.01 <0.01	56	189	15X 5 m, 2 replicates Extraction with acetone/ hexane (1/1 v/v) , clean-up on SCX Bond-Elut cartridges Derermination with GC with NPD First order kinetics
		5)									

BAS 555 F (Metconazole) (BAS 555 00 F, Caramba 60 g/L SL): soil accumulation study (UK, 1995) (Smalley R. 2002)

Field Trials, Soil Residue (Summary)		Active substance	: 5-[(4-chlorphenyl)methyl-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)-1-cyclopentanol
Responsible body for reporting (name and address)	:	Matrix	:soil
Country	: UK	Submission date	:
Contents of ai	: 60 g/l	Page	:
Formulation	: SL	Indoor/outdoor	:outdoor
Commercial product (name)	CARAMBA (BAS 555 00 F, SF 09381)	Other ai in the formulation	-
Producer of commercial product	BASF		
Residues calculated as	:metzonazole	common name and content	:

1	2	3	4		5	6	7	8	9	10	11
Dossier NE Report NE Location, including postal code	Matrix	Soil characteristics (USDA) 1) soil texture 2) pH ($CaCl_2$) 3)% org. carbon 4) meq/100 g	Application rate per treatment		Application date	Days after application	Soil layer (cm)	Residue (mg/kg)	DT50 (days)	DT90 (days)	Remarks
			kg as/ha	Water (l/ha)							
MK-UK-95-095 Weston-on-the-Green, UK	Soil	1) clay loam 2) 6.1 3) 2.98 4) 23	0.09		31 May 95	0	0-10 cm	<0.01			Cropped Winter wheat sown in Autumn 95
					19 June 95	0	0-10 cm	<0.01			Winter barley sown in Autumn 96
						127	0-10 cm	<0.01			Winter wheat sown in Autumn 97
						284	0-10 cm	<0.01			Winter barley sown in Autumn 98 Winter wheat sown in Autumn 99
					08 May 96	0	0-10 cm	<0.01			Winter barley sown in Autumn 00
					30 May 96	0	0-10 cm	0.02			Conventional phytosanitary protection with herbicides and fungicides, soil rotovated to less than 5 cm
						153	0-10 cm	0.01			
						309	0-10 cm	<0.01			
					09 May 97	0	0-10 cm	0.01			(***) : the straw was incorporated into the soil before sowing.
					09 June 97	0	0-10 cm	0.02			
						140	0-10 cm	<0.01			
						294	0-10 cm	<0.01			
					8 May 98	0	0-10 cm	<0.01			One field sub-divided into subplots corresponding to the number of sample timings in the study plan
					29 May 98	0	0-10 cm	0.02			
						147 (***)	0-10 cm	0.01			
						306	0-10 cm	<0.01			Extraction with acetone/hexane (v/v 1/1), GC with NPD
					12 May 99	0	0-10 cm	0.03			
					07 June 99	0	0-10 cm	0.03			
						144 (***)	0-10 cm	0.01			
						297	0-10 cm	<0.01			
					10 May 00	0	0-10 cm	0.01			

					31 May 00	0 57 152 (***) 307	0-10 cm 0-10 cm 0-10 cm 0-10 cm	0.02 0.01 0.01 <0.01			a.s. concentrations were also measured in 10-20 and 20-30 cm soil layers. These results were below the LOD of 0.01 mg a.s./kg soil
"Weston-on-the-Green, UK	Straw				27 July 98 27 July 00			0.11 0.10			